

CURRICULUM VITAE
ALAN H DANIELS, M.D.

Brown University Alpert Medical School/Rhode Island Hospital
Department of Orthopaedic Surgery
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EDUCATION

Undergraduate

University of California, Berkeley
Major: Psychology
Degree: BA
Year awarded: 2003 (06/03/2003)
Honors: Distinction in General Scholarship

Medical School

Oregon Health & Science University
Dates attended: 08/2004-06/2008
Year degree awarded: 2008 (06/15/2008)
Honors: -*Cum Laude*
-3rd Year *Alpha Omega Alpha* (AOA)
-School of Medicine Research Award

POSTGRADUATE TRAINING

Residency

Orthopedic Surgery Residency
Warren Alpert Medical School
Brown University
Rhode Island Hospital
Providence, Rhode Island
Program Director: Christopher DiGiovanni, MD
Dates of training: 07/01/08-06/30/13
Graduation date: 06/30/2013

Fellowships

Orthopedic Trauma Fellow (Teaching)
Warren Alpert Medical School
Brown University
Rhode Island Hospital
Providence, Rhode Island
Fellowship director: Christopher T. Born, MD
Dates of training: 07/01/13-6/30/14
Graduation date: 06/30/2014

Orthopedic Spine Surgery Fellow
-1st year Research / 2nd year Clinical
Warren Alpert Medical School
Brown University
Rhode Island Hospital
Providence, Rhode Island
Fellowship director: Mark A Palumbo, MD
Dates of training: 07/01/14-12/31/15
Graduation date: 12/31/15

POSTGRADUATE HONORS AND AWARDS

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| 2002 | National Society of Collegiate Scholars |
| 2002 | Psi Chi, National Honor Society in Psychology |
| 2003 | Distinction in General Scholarship: University of California Berkeley |
| 2005 | Phi Delta Theta Graduate Fellowship Award |
| 2005 | Betty Ford Center Summer Institute for Medical Students Scholarship |
| 2007 | <i>Alpha Omega Alpha</i> : 3rd year inductee |
| 2008 | School of Medicine Research Award: OHSU School of Medicine, Portland, OR |
| 2008 | <i>Cum Laude</i> : MD Degree: OHSU School of Medicine, Portland, OR |
| 2012 | Silver Traveling Fellowship: Surgical mission trip to Ghana treating spine deformity
-Foundation of Orthopedics and Complex Spine (FOCOS) |
| 2013 | Haffenreffer House Staff Excellence Award
-Rhode Island Hospital, Providence, Rhode Island |
| 2013 | Lucas/Palumbo Spine Achievement Award
-Brown University, Department of Orthopaedics, Providence, Rhode Island |

- 2013 Peter G. Trafton, MD Award for Outstanding Orthopaedic Trauma Research
-Brown University, Department of Orthopaedics, Providence, Rhode Island
- 2013 John H. Moe Award winner: Best Basic Science Poster Presentation
-Scoliosis Research Society 48th Annual Meeting, Lyon, France
- 2014 OrthoPediatric Educational Scholarship
-Scoliosis Research Society 49th Annual Meeting, Anchorage, Alaska
- 2014 1st Place: Resident Writers Award
-American Journal of Orthopedics
- 2015 AOA Top 10 Poster:
-128th Annual Meeting of the American Orthopaedic Association, Providence, RI
- 2015 Best Papers- NASS Annual Meeting 2015:
Development of Validated Computer Based Preoperative Predictive Model for Proximal Junction Failure (PJF) or Clinically Significant PJK With 86% Accuracy Based on 510 ASD Patients With Two-Year Follow-Up.
- 2016 AOSNA Best Resident Paper Research Award- LSRS Annual Meeting 2016:
Impact of Sarcopenia on Post-Operative Morbidity and Mortality following Lumbar Spine Surgery
- 2018 Best Papers- NASS Annual Meeting:
Physician and Patient Factors Associated with Outcome of Spinal Epidural Abscess Related Malpractice Litigation.
- 2018 Best Poster Award- AAHKS Annual Meeting
Matched Cohort Analysis of Total Hip Arthroplasty in Patients With and Without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges
- 2019 Top Poster Award- AOA Annual Meeting
Opioid Limiting Legislation Effective in Decreasing Utilization Following Lumbar Spine Surgery
- 2020 Positive Champion of the Learning Environment Award
Brown University, Alpert Medical School
- 2020 Luis A. Goldstein Award Nominee- Best Clinical Research E Poster SRS 55th Annual Meeting- Assessment of Lateral Thoracolumbar Listhesis as a Predictor of Disability in Adult Scoliosis Patients Prior to and Following Surgical Realignment Surgery
- 2020 Whitecloud Award for Best Clinical Paper- SRS 27th International Meeting on Advance Spine Techniques- Prospective Multicenter Assessment of Complication

Rates Associated with Adult Cervical Deformity Surgery in 133 Patients with Minimum 1-year Follow-up

- 2021 Best Papers- 36th Annual Meeting of the North American Spine Society- Global coronal decompensation after adult spinal deformity surgery: comparison of upper vs lower thoracic proximal fixation
- 2021 Best Papers- 36th Annual Meeting of the North American Spine Society- Correcting ASD patients to normative alignment results in no functional benefit but more PJK and PJF
- 2021 NASS Value Award- 36th Annual Meeting of the North American Spine Society- Cost benefit of implementation of risk stratification models for adult spinal deformity surgery
- 2021 SRS Russell A. Hibbs Clinical Research Award- Comparison of patient factors (frailty) vs. surgical factors (invasiveness) for optimization of 2-year cost utility
- 2022 World Neurosurgery Editor's Choice Article- Malnutrition, Body Mass Index, and Associated Risk of Complications Following Posterior Lumbar Spine Fusion: A 3:1 Matched Cohort Analysis
- 2023 AAOS Annual Meeting Top Paper Award-Musculoskeletal Oncology- Treatment of Osteoporosis with Anabolic Agents and the Risk of Primary Bone Cancers
- 2023 2nd Place Top Paper Award: Rhode Island Orthopedic Society Annual Meeting - Crossing the Cervicothoracic Junction: A Biomechanical Investigation of Adjacent Segment Effects.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- 2013 Allopathic Physician License: Rhode Island (MD14163)
-NPI: 1760642698
- 2013 American Board of Orthopaedic Surgery Part I: Passed
-Score 228 (93rd Percentile)
- 2018 American Board of Orthopaedic Surgery Part II: Passed
Board Certified (07/27/2018-12/21/2028)

ACADEMIC APPOINTMENTS

Associate Professor of Orthopaedics (2018-current)
-Teaching Scholar Track
Director, Spine Research/Spine Research Fellowship
Director, Spine Surgery Fellowship

Warren Alpert Medical School
Brown University

Assistant Professor of Orthopaedics (2015-2018)

HOSPITAL APPOINTMENTS

Chief, Division of Spine Surgery
Chief, Adult Spinal Deformity Service
Rhode Island Hospital / The Miriam Hospital

Staff Privileges:
Rhode Island Hospital
The Miriam Hospital
Hasbro Children's Hospital
Roger Williams Hospital

OTHER APPOINTMENTS

EDITORIAL POSITIONS

2012-2014	Reviewer	The Spine Journal
2013-2015	Reviewer	Hospital Practice
2013-2015	Reviewer	PLOS One
2013-2018	Reviewer	Orthopedics
2013-2020	Reviewer	Clinical Orthopaedics and Related Research
2014-2017	Reviewer	The Physician and Sportsmedicine
2014-2015	Editorial Board	World Journal of Orthopedics
2014-2015	Resident Advisory Board	American Journal of Orthopedics
2015-2016	Editorial Board	American Journal of Orthopedics
2021-2022	Advisory Editorial Board	Spine
2022-2023	Guest Editor	Journal of Clinical Medicine: Special Issues Spinal Disorders: Current Treatment and Future Opportunities, Part I and Part II
2023-2024	Associate Editor	North American Spine Society Journal

NATIONAL TRAINING COURSE FACULTY

New England Biosystems Rep Deformity Training, Mystic CT, November 2014.

SUNY/Brown University Alumni Meeting, Boston, MA, December 2014.

Basic Introduction to Concepts and Techniques in Spinal Deformity, Raynham, MA, September 2015.
-Course Chairman

Fundamentals of Spine Surgery: A Course Exclusively for Senior Neurosurgical Residents & Orthopaedic Spine Fellows, Boston, MA, December 2015.

Depuy Synthes Spine SMART Lab, Raynham, MA, November 2015.
-Course Co-Chairman

Orthofix Ivy Fellows MIS Spine Course, Boston, MA, April 1st, 2016.
-Course Chairman

SIEDI Master Meeting Scoliosis, Boston, MA, October 24th, 2016
-Honored Guest/Scientific Coordinator

Orthofix Atlas Forum- Deformity Summit, Seattle, WA, March 4th, 2017
-Invited Faculty

Spineart Interactive Spine Summit Northeast Session, New York, NY, May 19th-20th, 2017

Deformity Rep Training (Stryker), Mahwah, New Jersey, August, 2017
-Course Chairman

Spineart Interactive Spine Summit Northeast Session, New York, NY, June 1st-2nd, 2018.
-Course Faculty

Brown-Harvard-Yale Hands-on Spine Cadaver Course, Cumberland, RI, June 8th-9th, 2018
-Course Co-Chairman

Newport Spine Summit, Newport, RI, May 17th, 2019
-Course Chairman

Brown-Harvard-Tufts-Yale Hands-on Comprehensive Spine Course, Cumberland, RI, May 31st-June 1st, 2019
-Course Co-Chairman

1st Annual Brown Fall Spine Symposium 2020: Newport RI
-Course Chairman

Brown Spine Surgery Alumni Meeting 2021: Mystic CT
-Course Chairman

2nd Annual Brown Fall Spine Symposium 2021: Newport RI
-Course Chairman

Brown Fellows Forum 2022: Manchester VT
-Course Chairman

North American Spine Society Adult Spinal Deformity Surgical Techniques and Research from the
ISSG to Improve Patient Outcomes 2022: Chicago, IL
-Course Faculty

Medtronic Spine Resident and Fellows Spinal Deformity Course 2022- Las Vegas, NV
-Course Faculty

3rd Annual Brown Fall Spine Symposium 2022: Newport, RI
-Course Chairman

7th Annual Adult Spinal Deformity Symposium 2022: Seattle, WA (*virtual*)
-Course Faculty

8th Annual International Spinal Deformity Symposium 2022: New York, NY
-Course Faculty

2nd Annual Brown Winter Spine Symposium 2023: Bretton Woods, NH
-Course Chair

23rd Annual Thomas Jefferson University Spine Fellows Alumni Symposium
-Faculty

Brown Neurosurgery-Orthopedics Cadaveric Spine Course Meeting 2023, Fall river, MA
-Faculty

Brown Spine 15th Annual Meeting 2023, Newport, RI.
-Course Chair

9th Annual International Spinal Deformity Symposium 2023: New York, NY
-Course Faculty

CONSULTANCY / POTENTIAL CONFLICTS OF INTEREST

2014-present Osseus

2014-present Stryker Spine

2015-present	Orthofix
2015	Depuy-Synthes Spine
2015	Globus Medical
2016-present	SpineArt
2018-present	Trans 1
2018-present	EOS
2018-2021	Southern Spine
2019-present	Medicrea/Medtronic

NATIONAL LEADERSHIP ROLES / COMMITTEES / FACULTY DEVELOPMENT

2012-2013	AAOS Orthopaedic Residents Opinion Group (OROG): <i>Member</i>
2013-2018	AOA Emerging Leaders Program
2014	AOA Resident Leadership Forum: <i>Leadership Table Leader (6/17/2014)</i>
2015	Scoliosis Research Society (SRS): <i>Website Content Review Working Group</i>
2016-present	International Spine Study Group (ISSG): <i>Media/Website Committee Chairman</i>
2017	SRS Core Curriculum Delphi: <i>Panel Member</i>
2017-2019	SRS Website Committee: <i>Member</i>
2017-2019	SRS Education Committee: <i>Member</i>
2017	AOA-ASG Travelling Fellowship: <i>Local Host</i>
2019	SRS Awards and Scholarship Committee: <i>Member</i>
2020	Faculty Development Journal Club/Teaching Staff Meeting 1/30/2020
2020	Resident Feedback Journal Club- Faculty Development Session 10/14/2020
2021	iDS Intelligent Data Solutions Advisory Board
2021-present	JBJS Clinical Classroom- Spine Section Head

HOSPITAL COMMITTEES

- 2010-2014 Rhode Island Hospital Ethics Committee: *Elected Committee Member*
- 2016-present Lifespan Information Service Perioperative Services User Group: *Member*
- 2020-2021 Lifespan Spine Value Analysis Committee: *Member*
- 2021-2022 Radiology Stewardship Committee: *Member*
- 2022-2023 Miriam Medical Executive Committee (MEC): *Member*
- 2022-present Miriam Spine Program: *Medical Director*

UNIVERSITY COMMITTEES

- 2015, 2018, 2020 Brown University Orthopaedic Residency Program: *Application/Selection Committee*
- 2015-present Silver Traveling Fellowship Selection Committee: *Chair*
- 2017-present Brown University Medical School Admissions Committee: *Member*
- 2018-present Michael G. Ehrlich Ethiopia Mission Committee: *Chair*
- 2020 Brown University Spine Surgeon Search Committee: *Chairman*

OTHER COMMITTEES/LEADERSHIP ROLES

- 2002-2004 California Alpha Association, Berkeley CA: *Corporation Board Member*
- 2005-2006 Orthopaedic Surgery Interest Group (OHSU SOM): *Founder & Co-chair*
- 2006-2007 Medical School Student Council: *Secretary*
- 2012 ICE & Elevate (Geriatric Care Improvement Project): *Founder*
- 2012-2013 Brown University Orthopaedic Residency: *Executive Chief Resident*
- 2016-present University Orthopedics Inc, Advertising Committee: *Member*
- 2018-present University Orthopedics, Inc, Political Action Committee: *Member*
- 2019-present University Orthopedics, Inc, Finance Committee: *Member*

2019-2020 University Orthopedics, Inc, Ambulatory Surgical Center Committee: *Member*

MEMBERSHIP IN SOCIETIES

2007-present AO Spine
2007-present Alpha Omega Alpha (AOA) Honor Medical Society
2008-present American Academy of Orthopaedic Surgeons (AAOS)
2012-present North American Spine Society (NASS)
2014-present International Spine Study Group (ISSG)
2016-present Scoliosis Research Society (SRS)
2018-present Lumbar Spine Research Society (LSRS)

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS: *H-Index = 44*

1: Daniels AH, Arthur M, Hart RA. Variability in rates of arthrodesis procedures for patients with cervical spine injuries with and without associated spinal cord injury. *J Bone Joint Surg Am.* 2007 Feb;89(2):317-23. doi: 10.2106/JBJS.F.00790. PMID: 17272446.

2: Daniels AH, Arthur M, Hart RA. Variability in rates of arthrodesis for patients with thoracolumbar spine fractures with and without associated neurologic injury. *Spine (Phila Pa 1976).* 2007 Oct 1;32(21):2334-8. doi: 10.1097/BRS.0b013e31815574c5. PMID: 17906575.

3: Daniels AH, Wilson CL, Harrison RA. Hepatitis C-associated leukocytoclastic vasculitis with anticardiolipin antibodies causing penile necrosis and deep venous thrombosis in the absence of cryoglobulinemia. *J Hosp Med.* 2008 Mar;3(2):170-2. doi: 10.1002/jhm.261. PMID: 18438797.

4: Daniels AH, Riew KD, Yoo JU, Ching A, Birchard KR, Kranenburg AJ, Hart RA. Adverse events associated with anterior cervical spine surgery. *J Am Acad Orthop Surg.* 2008 Dec;16(12):729-38. doi: 10.5435/00124635-200812000-00005. PMID: 19056921.

5: Daniels AH, Deodhar AA, Hart RA. Traumatic spondyloptosis resulting from high-energy trauma concurrent with a tonic-clonic seizure. *Spine J.* 2009 Jan- Feb;9(1):e1-4. doi: 10.1016/j.spinee.2007.10.030. Epub 2007 Dec 21. PMID: 18082467.

6: Daniels AH, Jurgensmeier D, McKee J, Harrison MW, d'Amato CR. Acute celiac artery compression syndrome after surgical correction of Scheuermann kyphosis. *Spine (Phila Pa 1976).* 2009 Feb 15;34(4):E149-52. doi: 10.1097/BRS.0b013e3181918f05. PMID: 19214085.

- 7: Hart RA, Daniels AH, Bahney T, Tesar J, Sales JR, Bay B. Relationship of donor variables and graft dimension on biomechanical performance of femoral ring allograft. *J Orthop Res*. 2011 Dec;29(12):1840-5. doi: 10.1002/jor.21459. Epub 2011 May 16. PMID: 21590719.
- 8: Palumbo MA, Aidlen JP, Daniels AH, Thakur NA, Caiati J. Airway compromise due to wound hematoma following anterior cervical spine surgery. *Open Orthop J*. 2012;6:108-13. doi: 10.2174/1874325001206010108. Epub 2012 Mar 5. PMID: 22431955; PMCID: PMC3299954.
- 9: Daniels AH, Magee W, Badra M, Bay B, Hettwer W, Hart RA. Preliminary biomechanical proof of concept for a hybrid locking plate/variable pitch screw construct for anterior fixation of type II odontoid fractures. *Spine (Phila Pa 1976)*. 2012 Sep 1;37(19):E1159-64. doi: 10.1097/BRS.0b013e31824d4bab. PMID: 22322377.
- 10: Daniels AH, Kane PM, Ebersson CP, Born CT. Temporizing management of pediatric femur fractures using J-splints. *Orthopedics*. 2012 Sep;35(9):773-6. doi: 10.3928/01477447-20120822-05. PMID: 22955385.
- 11: Ruddell JH, Tang OY, Persaud B, Eltorai AEM, Daniels AH, Ng T. Thoracic surgery program websites: Bridging the content gap for improved applicant recruitment. *J Thorac Cardiovasc Surg*. 2021 Sep;162(3):724-732. doi: 10.1016/j.jtcvs.2020.06.131. Epub 2020 Jul 17. PMID: 32792155.
- 12: Daniels AH, Weiss AP. Subungual glomus tumor. *Med Health R I*. 2012 Oct;95(10):334. PMID: 23155853.
- 13: Daniels AH, Paller DJ, Koruprolu S, McDonnell M, Palumbo MA, Crisco JJ. Dynamic biomechanical examination of the lumbar spine with implanted total disc replacement using a pendulum testing system. *Spine (Phila Pa 1976)*. 2012 Nov 1;37(23):E1438-43. doi: 10.1097/BRS.0b013e31826b39d7. PMID: 22869057; PMCID: PMC3778666.
- 14: Thakur NA, Daniels AH, Schiller J, Valdes MA, Czerwein JK, Schiller A, Esmende S, Terek RM. Benign tumors of the spine. *J Am Acad Orthop Surg*. 2012 Nov;20(11):715-24. doi: 10.5435/JAAOS-20-11-715. PMID: 23118137.
- 15: Feller RJ, Cohen A, Palumbo MA, Daniels AH. Lumbar spinal stenosis: evaluation of information on the internet. *Med Health R I*. 2012 Nov;95(11):342-4. PMID: 23477277.
- 16: Daniels AH, Paller DJ, Feller RJ, Thakur NA, Biercevicz AM, Palumbo MA, Crisco JJ, Madom IA. Examination of cervical spine kinematics in complex, multiplanar motions after anterior cervical discectomy and fusion and total disc replacement. *Int J Spine Surg*. 2012 Dec 1;6:190-4. doi: 10.1016/j.ijssp.2012.07.002. PMID: 25694890; PMCID: PMC4300898.
- 17: Daniels AH, Paller DJ, Koruprolu S, Palumbo MA, Crisco JJ. Dynamic biomechanical examination of the lumbar spine with implanted total spinal segment replacement (TSSR) utilizing a pendulum testing system. *PLoS One*. 2013;8(2):e57412. doi: 10.1371/journal.pone.0057412. Epub 2013 Feb 25. PMID: 23451222; PMCID: PMC3581457.

- 18: Palumbo MA, Aidlen JP, Daniels AH, Bianco A, Caiati JM. Airway compromise due to laryngopharyngeal edema after anterior cervical spine surgery. *J Clin Anesth.* 2013 Feb;25(1):66-72. doi: 10.1016/j.jclinane.2012.06.008. Epub 2012 Dec 20. PMID: 23261648.
- 19: Daniels AH. Ghost-face cystic degeneration pattern of the odontoid process. *Spine J.* 2013 Feb;13(2):202-3. doi: 10.1016/j.spinee.2012.11.025. Epub 2012 Dec 21. PMID: 23265940.
- 20: Wang JH, Christino MA, Thakur NA, Palumbo MA, Daniels AH. Evaluation of the utility of the Wells score in predicting pulmonary embolism in patients admitted to a spine surgery service. *Hosp Pract (1995).* 2013 Feb;41(1):122-8. doi: 10.3810/hp.2013.02.1018. PMID: 23466975.
- 21: Palumbo MA, Bianco AJ, Esmende S, Daniels AH. Wrong-site Spine Surgery. *J Am Acad Orthop Surg.* 2013 May;21(5):312-20. doi: 10.5435/JAAOS-21-05-312. PMID: 23637150.
- 22: Daniels AH. International rotations during residency: spine deformity surgery in Ghana. *R I Med J* (2013). 2013 May 1;96(5):15-7. PMID: 23641456.
- 23: Young MD, Daniels AH, Evangelista PT, Reinert SE, Ritterman S, Christino MA, Thakur NA, Born CT. Predicting pulmonary embolus in orthopedic trauma patients using the Wells score. *Orthopedics.* 2013 May;36(5):e642-7. doi: 10.3928/01477447-20130426-29. PMID: 23672919.
- 24: Esmende SM, Daniels AH, Palumbo MA. Spinal cord compression after percutaneous kyphoplasty for metastatic compression fracture. *Spine J.* 2013 Jul;13(7):831-2. doi: 10.1016/j.spinee.2013.02.045. Epub 2013 Mar 21. PMID: 23523439.
- 25: Lee BJ, Christino MA, Daniels AH, Hulstyn MJ, Ebersson CP. Adolescent patellar osteochondral fracture following patellar dislocation. *Knee Surg Sports Traumatol Arthrosc.* 2013 Aug;21(8):1856-61. doi: 10.1007/s00167-012-2179-z. Epub 2012 Sep 15. PMID: 22983751.
- 26: Daniels AH, McDonnell M, Born CT, Hayda RA, Ehrlich MG, Trafton PG, Fischer SA, Digiovanni CW. Critical analysis of a trauma fellowship-modeled, six-year orthopaedic surgery training program. *J Bone Joint Surg Am.* 2013 Aug 7;95(15):e108. doi: 10.2106/JBJS.L.00988. PMID: 23925753.
- 27: Daniels AH, Sobel AD, Ebersson CP. Pediatric thoracolumbar spine trauma. *J Am Acad Orthop Surg.* 2013 Dec;21(12):707-16. doi: 10.5435/JAAOS-21-12-707. PMID: 24292927.
- 28: Eltorai AE, Daniels AH, Hayda RA, Adams CA Jr, Cosgrove GR, Born CT. Motorcycle helmet use in Rhode Island. *R I Med J* (2013). 2013 Dec 3;96(12):18-20. PMID: 24303509.
- 29: Eltorai AE, Daniels AH, Grauer JN, Browner BD, Born CT. Costs of non- helmeted motorcycle riding in Connecticut. *Conn Med.* 2014 Feb;78(2):91-3. PMID: 24741858.
- 30: Lemme NJ, Glasser JL, Yang DS, Testa EJ, Daniels AH, Antoci V. Chronic Obstructive Pulmonary Disease Associated with Prolonged Opiate Use, Increased Short-Term Complications, and the Need for Revision Surgery following Total Knee Arthroplasty. *J Knee Surg.* 2021 Sep 16. doi: 10.1055/s-0041-1733883. Epub ahead of print. PMID: 34530476.

- 31: Chodakiewitz YG, Daniels AH, Kamal RN, Weiss AP. Post-traumatic Raynaud's phenomenon following volar plate injury. *R I Med J* (2013). 2014 Apr 1;97(4):24-6. PMID: 24660212.
- 32: Kamal RN, Paci GM, Daniels AH, Gosselin M, Rainbow MJ, Weiss AP. Quality of internet health information on thumb carpometacarpal joint arthritis. *R I Med J* (2013). 2014 Apr 1;97(4):31-5. PMID: 24660214.
- 33: Daniels AH, DePasse JM, Magill ST, Fischer SA, Palumbo MA, Ames CP, Hart RA. The Current State of United States Spine Surgery Training: A Survey of Residency and Spine Fellowship Program Directors. *Spine Deform*. 2014 May;2(3):176-185. doi: 10.1016/j.jspd.2014.02.005. Epub 2014 May 8. PMID: 27927415.
- 34: Wang JH, Daniels AH, Palumbo MA, Ebersson CP. Cervical Traction for the Treatment of Spinal Injury and Deformity. *JBJS Rev*. 2014 May 27;2(5):e4. doi: 10.2106/JBJS.RVW.M.00108. PMID: 27500609.
- 35: Klinge SA, Vopat BG, Daniels AH, Bariteau JT, Rubin LE, Limbird R. Early catastrophic failure of trochanteric fixation with the Dall-Miles Cable Grip System. *J Arthroplasty*. 2014 Jun;29(6):1289-91. doi: 10.1016/j.arth.2014.01.001. Epub 2014 Jan 10. PMID: 24529942.
- 36: Daniels AH, DiGiovanni CW. Is subspecialty fellowship training emerging as a necessary component of contemporary orthopaedic surgery education? *J Grad Med Educ*. 2014 Jun;6(2):218-21. doi: 10.4300/JGME-D-14-00120.1. PMID: 24949124; PMCID: PMC4054719.
- 37: Eltorai AE, Ghanian S, Adams CA Jr, Born CT, Daniels AH. Readability of patient education materials on the american association for surgery of trauma website. *Arch Trauma Res*. 2014 Apr 30;3(2):e18161. doi: 10.5812/atr.18161. PMID: 25147778; PMCID: PMC4139691.
- 38: Daniels AH, Grabel Z, DiGiovanni CW. ACGME Accreditation of Orthopaedic Surgery Subspecialty Fellowship Training Programs. *J Bone Joint Surg Am*. 2014 Jun 4;96(11):e94. doi: 10.2106/JBJS.M.01340. Epub 2014 Jun 4. PMID: 24897751.
- 39: Daniels AH, Daiello LA, Lareau CR, Robidoux KA, Luo W, Ott B, Hayda RA, Born CT. Preoperative cognitive impairment and psychological distress in hospitalized elderly hip fracture patients. *Am J Orthop (Belle Mead NJ)*. 2014 Jul;43(7):E146-52. PMID: 25046191.
- 40: Pidgeon TS, Borenstein T, Daniels AH, Murali J, Hayda RA. Understanding Multiple Sclerosis: Essentials for the Orthopaedic Surgeon. *JBJS Rev*. 2014 Jul 15;2(7):e3. doi: 10.2106/JBJS.RVW.M.00120. PMID: 27490061.
- 41: Ritterman SA, Daniels AH, Kane PM, Ebersson CP, Born CT. J-splint use for temporizing management of pediatric femur fractures: a review of 18 cases. *Pediatr Emerg Care*. 2014 Aug;30(8):516-20. doi: 10.1097/PEC.0000000000000181. PMID: 25062297.
- 42: Daniels AH, Arthur M, Esmende SM, Vigneswaran H, Palumbo MA. Incidence and cost of treating axis fractures in the United States from 2000 to 2010. *Spine (Phila Pa 1976)*. 2014 Aug 15;39(18):1498-505. doi: 10.1097/BRS.0000000000000417. PMID: 24859578.

- 43: Daniels AH, Bariteau JT, Grabel Z, DiGiovanni CW. Prospective analysis of a novel orthopedic residency advocacy education program. *R I Med J* (2013). 2014 Oct 1;97(10):43-6. PMID: 25271661.
- 44: Eltorai AE, Han A, Truntzer J, Daniels AH. Readability of patient education materials on the American Orthopaedic Society for Sports Medicine website. *Phys Sportsmed*. 2014 Nov;42(4):125-30. doi: 10.3810/psm.2014.11.2099. PMID: 25419896.
- 45: Kane P, Vopat B, Paller D, Koruprolu S, Daniels AH, Born C. A biomechanical comparison of locked and unlocked long cephalomedullary nails in a stable intertrochanteric fracture model. *J Orthop Trauma*. 2014 Dec;28(12):715-20. doi: 10.1097/BOT.000000000000165. PMID: 24978941; PMCID: PMC4573403.
- 46: Truntzer J, Nacca C, Paller D, Daniels AH. Redefining the Economics of Geriatric Orthopedics. *Geriatr Orthop Surg Rehabil*. 2014 Dec;5(4):200-6. doi: 10.1177/2151458514543002. PMID: 26246943; PMCID: PMC4252154.
- 47: Daniels AH, Ames CP, Smith JS, Hart RA. Variability in spine surgery procedures performed during orthopaedic and neurological surgery residency training: an analysis of ACGME case log data. *J Bone Joint Surg Am*. 2014 Dec 3;96(23):e196. doi: 10.2106/JBJS.M.01562. PMID: 25471922.
- 48: Esmende SM, Daniels AH, Paller DJ, Koruprolu S, Palumbo MA, Crisco JJ. Cervical total disc replacement exhibits similar stiffness to intact cervical functional spinal units tested on a dynamic pendulum testing system. *Spine J*. 2015 Jan 1;15(1):162-7. doi: 10.1016/j.spinee.2014.08.442. Epub 2014 Sep 4. PMID: 25194516.
- 49: Daniels AH, Schiebert SS, Palumbo MA. Symptomatic spinal epidural hematoma after lumbar spine surgery: the importance of diagnostic skills. *AORN J*. 2015 Jan;101(1):85-90; quiz 91-3. doi: 10.1016/j.aorn.2014.03.016. PMID: 25537329.
- 50: Lareau CR, Daniels AH, Vopat BG, Kane PM. Emergency department external fixation for provisional treatment of pilon and unstable ankle fractures. *J Emerg Trauma Shock*. 2015 Jan-Mar;8(1):61-4. doi: 10.4103/0974-2700.150400. PMID: 25709258; PMCID: PMC4335163.
- 51: Grabel Z, DePasse JM, Lareau CR, Born CT, Daniels AH. Intra-articular Placement of an Intraosseous Catheter. *Prehosp Disaster Med*. 2015 Feb;30(1):89-92. doi: 10.1017/S1049023X14001290. Epub 2014 Dec 8. PMID: 25483729.
- 52: Shultz PA, Kamal RN, Daniels AH, DiGiovanni CW, Akelman E. International health electives in orthopaedic surgery residency training. *J Bone Joint Surg Am*. 2015 Feb 4;97(3):e15. doi: 10.2106/JBJS.M.01189. PMID: 25653331.
- 53: Daniels AH, Walsh K. The orthopedic surgeon: can we turn out the same product in a shorter time frame and with less cost? *Orthopedics*. 2015 Mar;38(3):154-5. doi: 10.3928/01477447-20150305-03. PMID: 25760495.

54: Fantry AJ, Elia G, Vopat BG, Daniels AH. Distal femoral complications following antegrade intramedullary nail placement. *Orthop Rev (Pavia)*. 2015 Mar 24;7(1):5820. doi: 10.4081/or.2015.5820. PMID: 25874066; PMCID: PMC4387367.

55: Eltorai AE, Sharma P, Wang J, Daniels AH. Most American Academy of Orthopaedic Surgeons' online patient education material exceeds average patient reading level. *Clin Orthop Relat Res*. 2015 Apr;473(4):1181-6. doi: 10.1007/s11999-014-4071-2. Epub 2014 Dec 5. PMID: 25475715; PMCID: PMC4353543.

56: Daniels AH, Leopold SS. Editor's Spotlight/Take 5: Most American Academy of Orthopaedic Surgeons' online patient education material exceeds average patient reading level. *Clin Orthop Relat Res*. 2015 Apr;473(4):1177-80. doi: 10.1007/s11999-015-4151-y. Epub 2015 Jan 27. PMID: 25623594; PMCID: PMC4353535.

57: DePasse JM, Palumbo MA, Haque M, Ebersson CP, Daniels AH. Complications associated with prone positioning in elective spinal surgery. *World J Orthop*. 2015 Apr 18;6(3):351-9. doi: 10.5312/wjo.v6.i3.351. PMID: 25893178; PMCID: PMC4390897.

58: Palumbo MA, Shah KN, Ebersson CP, Hart RA, Daniels AH. Outrigger rod technique for supplemental support of posterior spinal arthrodesis. *Spine J*. 2015 Jun 1;15(6):1409-14. doi: 10.1016/j.spinee.2015.03.004. Epub 2015 Mar 12. PMID: 25771756.

59: Daniels AH, Ritterman SA, Rubin LE. Paralytic ileus in the orthopaedic patient. *J Am Acad Orthop Surg*. 2015 Jun;23(6):365-72. doi: 10.5435/JAAOS-D-14-00162. Epub 2015 Apr 26. PMID: 25917235.

60: Daniels AH, Ames CP, Garfin SR, Shaffrey CI, Riew KD, Smith JS, Anderson PA, Hart RA. Spine surgery training: is it time to consider categorical spine surgery residency? *Spine J*. 2015 Jul 1;15(7):1513-8. doi: 10.1016/j.spinee.2014.08.452. Epub 2014 Nov 6. PMID: 25442094.

61: Daniels AH, DePasse JM, Ebersson CP, Lucas PR, Palumbo MA. Adult Spinal Deformity: Contemporary Treatment and Patient Outcomes. *R I Med J* (2013). 2015 Jul 1;98(7):32-41. PMID: 26125478.

62: Vopat BG, Daniels AH, Lareau CR, Christino MA, Kane PM, Hayda RA, Born CT. Hybrid Anterolateral Approach for Open Reduction and Internal Fixation of Femoral Neck Fractures. *Orthopedics*. 2015 Jul 1;38(7):430-4. doi: 10.3928/01477447-20150701-03. PMID: 26186310.

63: Daniels AH. Penetrating injury from high-speed motor vehicle collision. *J Emerg Trauma Shock*. 2015 Jul-Sep;8(3):169. doi: 10.4103/0974-2700.160735. PMID: 26229302; PMCID: PMC4520032.

64: Vigneswaran HT, Grabel ZJ, Ebersson CP, Palumbo MA, Daniels AH. Surgical treatment of adolescent idiopathic scoliosis in the United States from 1997 to 2012: an analysis of 20,346 patients. *J Neurosurg Pediatr*. 2015 Sep;16(3):322-8. doi: 10.3171/2015.3.PEDS14649. Epub 2015 Jun 26. PMID: 26114991.

65: Kane PM, Daniels AH, Akelman E. Double Crush Syndrome. *J Am Acad Orthop Surg*. 2015 Sep;23(9):558-62. doi: 10.5435/JAAOS-D-14-00176. PMID: 26306807.

- 66: Albright TH, Grabel Z, DePasse JM, Palumbo MA, Daniels AH. Sexual and Reproductive Function in Spinal Cord Injury and Spinal Surgery Patients. *Orthop Rev (Pavia)*. 2015 Sep 28;7(3):5842. doi: 10.4081/or.2015.5842. PMID: 26605025; PMCID: PMC4592928.
- 67: Shah KN, Waryasz G, DePasse JM, Daniels AH. Prevention of Paralytic Ileus Utilizing Alvimopan Following Spine Surgery. *Orthop Rev (Pavia)*. 2015 Sep 28;7(3):6087. doi: 10.4081/or.2015.6087. PMID: 26605031; PMCID: PMC4592934.
- 68: Daniels AH, Smith JS, Hiratzka J, Ames CP, Bess S, Shaffrey CI, Schwab FJ, Lafage V, Klineberg EO, Burton D, Mundis GM, Line B, Hart RA; International Spine Study Group (ISSG). Functional Limitations Due to Lumbar Stiffness in Adults With and Without Spinal Deformity. *Spine (Phila Pa 1976)*. 2015 Oct 15;40(20):1599-604. doi: 10.1097/BRS.0000000000001090. PMID: 26731705.
- 69: Gil JA, Park SH, Daniels AH. Variability in United States Allopathic Medical School Tuition. *Am J Med*. 2015 Nov;128(11):1257-62. doi: 10.1016/j.amjmed.2015.07.022. Epub 2015 Aug 1. PMID: 26241346.
- 70: Eltorai AE, Nguyen E, Daniels AH. Three-Dimensional Printing in Orthopedic Surgery. *Orthopedics*. 2015 Nov;38(11):684-7. doi: 10.3928/01477447-20151016-05. PMID: 26558661.
- 71: Gil JA, Waryasz GR, Klyce W, Daniels AH. Heterotopic Ossification in Neurorehabilitation. *R I Med J (2013)*. 2015 Dec 1;98(12):32-4. PMID: 26623453.
- 72: Eltorai AE, Naqvi SS, Ghanian S, Ebersson CP, Weiss AP, Born CT, Daniels AH. Readability of Invasive Procedure Consent Forms. *Clin Transl Sci*. 2015 Dec;8(6):830-3. doi: 10.1111/cts.12364. Epub 2015 Dec 17. PMID: 26678039; PMCID: PMC5351135.
- 73: Daniels AH, Gundle K, Hart RA. Collateral Adverse Outcomes After Lumbar Spine Surgery. *Instr Course Lect*. 2016;65:291-7. PMID: 27049197.
- 74: DeFroda SF, DePasse JM, Eltorai AE, Daniels AH, Palumbo MA. Evaluation and management of spinal epidural abscess. *J Hosp Med*. 2016 Feb;11(2):130-5. doi: 10.1002/jhm.2506. Epub 2015 Nov 5. PMID: 26540492.
- 75: Eltorai AE, P Thomas N, Yang H, Daniels AH, Born CT. Readability of Trauma- Related Patient Education Materials From the American Academy of Orthopaedic Surgeons. *Trauma Mon*. 2016 Feb 6;21(1):e20141. doi: 10.5812/traumamon.20141. PMID: 27218045; PMCID: PMC4869433.
- 76: Eltorai AE, Kuris EO, Daniels AH. Psoas haematoma mimicking lumbar radiculopathy. *Postgrad Med J*. 2016 Mar;92(1085):182. doi: 10.1136/postgradmedj-2015-133815. Epub 2015 Dec 15. PMID: 26669607.
- 77: Gil JA, Daniels AH, Weiss AP. Variability in Surgical Case Volume of Orthopaedic Surgery Residents: 2007 to 2013. *J Am Acad Orthop Surg*. 2016 Mar;24(3):207-12. doi: 10.5435/JAAOS-D-15-00461. PMID: 26855117.

- 78: Bokshan SL, DePasse JM, Daniels AH. Sarcopenia in Orthopedic Surgery. *Orthopedics*. 2016 Mar-Apr;39(2):e295-300. doi: 10.3928/01477447-20160222-02. Epub 2016 Feb 25. PMID: 26913764.
- 79: Eltorai AE, Simon C, Choi A, Hsia K, Born CT, Daniels AH. Federally mandating motorcycle helmets in the United States. *BMC Public Health*. 2016 Mar 9;16:242. doi: 10.1186/s12889-016-2914-3. PMID: 26955806; PMCID: PMC4784405.
- 80: Daniels AH, DePasse JM, Kamal RN. Orthopaedic Surgeon Burnout: Diagnosis, Treatment, and Prevention. *J Am Acad Orthop Surg*. 2016 Apr;24(4):213-9. doi: 10.5435/JAAOS-D-15-00148. PMID: 26885712.
- 81: Ramchandran S, Smith JS, Ailon T, Klineberg E, Shaffrey C, Lafage V, Schwab F, Bess S, Daniels A, Scheer JK, Protopsaltis TS, Arnold P, Haid RW Jr, Chapman J, Fehlings MG, Ames CP; AOSpine North America, International Spine Study Group. Assessment of Impact of Long-Cassette Standing X-Rays on Surgical Planning for Cervical Pathology: An International Survey of Spine Surgeons. *Neurosurgery*. 2016 May;78(5):717-24. doi: 10.1227/NEU.0000000000001128. PMID: 26619335.
- 82: Eltorai AE, Kuris EO, Lucas PR, Daniels AH. Idiopathic ligamentum flavum hematoma. *Spine J*. 2016 May;16(5):e307. doi: 10.1016/j.spinee.2015.11.024. Epub 2015 Nov 26. PMID: 26631760.
- 83: Ha AY, DePasse JM, Piskorski A, Treaba DO, Kojic EM, Daniels AH. Compressive spinal epidural mass caused by *Propionibacterium acnes*. *Spine J*. 2016 May;16(5):e347-51. doi: 10.1016/j.spinee.2015.12.019. Epub 2015 Dec 22. PMID: 26721733.
- 84: Gil JA, Waryasz GR, Owens BD, Daniels AH. Variability of Arthroscopy Case Volume in Orthopaedic Surgery Residency. *Arthroscopy*. 2016 May;32(5):892-7. doi: 10.1016/j.arthro.2016.01.018. Epub 2016 Mar 15. PMID: 26993670.
- 85: Johnson JP, Cassidy DB, Tofte JN, Bariteau JT, Daniels AH. Orthopedic Surgery Resident Debt Load and Its Effect on Career Choice. *Orthopedics*. 2016 May 1;39(3):e438-43. doi: 10.3928/01477447-20160315-01. Epub 2016 Mar 29. PMID: 27018605.
- 86: McDonnell M, Shah KN, Paller DJ, Thakur NA, Koruprolu S, Palumbo MA, Daniels AH. Biomechanical Analysis of Pedicle Screw Fixation for Thoracolumbar Burst Fractures. *Orthopedics*. 2016 May 1;39(3):e514-8. doi: 10.3928/01477447-20160427-09. Epub 2016 May 2. PMID: 27135451.
- 87: Gil JA, Daniels AH, Akelman E. Resident Exposure to Peripheral Nerve Surgical Procedures During Residency Training. *J Grad Med Educ*. 2016 May;8(2):173-9. doi: 10.4300/JGME-D-15-00318.1. Retraction in: *J Grad Med Educ*. 2016 Dec;8(5):645. PMID: 27168883; PMCID: PMC4857513.
- 88: DePasse JM, Palumbo MA, Ebersson CP, Daniels AH. Academic Characteristics of Orthopaedic Surgery Residency Applicants from 2007 to 2014. *J Bone Joint Surg Am*. 2016 May 4;98(9):788-95. doi: 10.2106/JBJS.15.00222. PMID: 27147692.
- 89: Eltorai AEM, Cheatham M, Naqvi SS, Marthi S, Dang V, Palumbo MA, Daniels AH. Is the Readability of Spine-Related Patient Education Material Improving?: An Assessment of Subspecialty

Websites. Spine (Phila Pa 1976). 2016 Jun;41(12):1041-1048. doi: 10.1097/BRS.0000000000001446. PMID: 27294810.

90: Eltorai AE, Haglin J, Perera S, Brea BA, Ruttiman R, Garcia DR, Born CT, Daniels AH. Antimicrobial technology in orthopedic and spinal implants. World J Orthop. 2016 Jun 18;7(6):361-9. doi: 10.5312/wjo.v7.i6.361. PMID: 27335811; PMCID: PMC4911519.

91: Smith JS, Klineberg E, Shaffrey CI, Lafage V, Schwab FJ, Protopsaltis T, Scheer JK, Ailon T, Ramachandran S, Daniels A, Mundis G, Gupta M, Hostin R, Deviren V, Eastlack R, Passias P, Hamilton DK, Hart R, Burton DC, Bess S, Ames CP; International Spine Study Group. Assessment of Surgical Treatment Strategies for Moderate to Severe Cervical Spinal Deformity Reveals Marked Variation in Approaches, Osteotomies, and Fusion Levels. World Neurosurg. 2016 Jul;91:228-37. doi: 10.1016/j.wneu.2016.04.020. Epub 2016 Apr 13. PMID: 27086260.

92: Zhang S, Shultz P, Daniels A, Ackelman E, Kamal RN. High Disparity Between Orthopedic Resident Interest and Participation in International Health Electives. Orthopedics. 2016 Jul 1;39(4):e680-6. doi: 10.3928/01477447-20160419-02. Epub 2016 Apr 27. PMID: 27111074.

93: Gil JA, Waryasz GR, Liu D, Daniels AH. Influence of Medical Student Debt on the Decision to Pursue Careers in Primary Care. R I Med J (2013). 2016 Jul 1;99(7):19-21. PMID: 27379353.

94: Eltorai AE, Daniels AH. National Medical School Matching Program: optimizing outcomes. Adv Med Educ Pract. 2016 Jul 1;7:371-3. doi: 10.2147/AMEP.S108074. PMID: 27445512; PMCID: PMC4936805.

95: Hodax JD, DePasse JM, Daniels AH, Palumbo MA. Delayed diagnosis of a thoracolumbar flexion-distraction injury. J Emerg Trauma Shock. 2016 Jul-Sep;9(3):125-7. doi: 10.4103/0974-2700.185273. PMID: 27512335; PMCID: PMC4960780.

96: Daniels AH, Kawaguchi S, Contag AG, Rastegar F, Waagmeester G, Anderson PA, Arthur M, Hart RA. Hospital charges associated with "never events": comparison of anterior cervical discectomy and fusion, posterior lumbar interbody fusion, and lumbar laminectomy to total joint arthroplasty. J Neurosurg Spine. 2016 Aug;25(2):165-9. doi: 10.3171/2015.11.SPINE15776. Epub 2016 Mar 18. Erratum in: J Neurosurg Spine. 2017 Jul;27(1):127. PMID: 26989978.

97: Jain S, Eltorai AE, Ruttiman R, Daniels AH. Advances in Spinal Interbody Cages. Orthop Surg. 2016 Aug;8(3):278-84. doi: 10.1111/os.12264. PMID: 27627709; PMCID: PMC6584167.

98: Bokshan SL, DePasse JM, Eltorai AE, Paxton ES, Green A, Daniels AH. An Evidence-Based Approach to Differentiating the Cause of Shoulder and Cervical Spine Pain. Am J Med. 2016 Sep;129(9):913-8. doi: 10.1016/j.amjmed.2016.04.023. Epub 2016 May 5. PMID: 27155111.

99: Waryasz GR, Daniels AH, Gil JA, Suric V, Ebersson CP. NCAA strength and conditioning coach demographics, current practice trends and common injuries of athletes during strength and conditioning sessions. J Sports Med Phys Fitness. 2016 Oct;56(10):1188-1197. Epub 2015 Oct 16. PMID: 26473446.

- 100: DeFroda SF, Daniels AH, Deren ME. Differentiating Radiculopathy from Lower Extremity Arthropathy. *Am J Med.* 2016 Oct;129(10):1124.e1-7. doi: 10.1016/j.amjmed.2016.06.019. Epub 2016 Jul 9. PMID: 27401953.
- 101: Waryasz GR, Daniels AH, Gil JA, Suric V, Ebersson CP. Personal Trainer Demographics, Current Practice Trends and Common Trainee Injuries. *Orthop Rev (Pavia).* 2016 Oct 3;8(3):6600. doi: 10.4081/or.2016.6600. PMID: 27761219; PMCID: PMC5066109.
- 102: Daniels AH, DePasse JM, Eltorai AE, Palumbo MA. Perpendicular Iliac Screw Placement for Reinforcement of Spinopelvic Stabilization. *Orthopedics.* 2016 Nov 1;39(6):e1209-e1212. doi: 10.3928/01477447-20160729-02. Epub 2016 Aug 3. PMID: 27482727.
- 103: Bokshan SL, Han AL, DePasse JM, Eltorai AE, Marcaccio SE, Palumbo MA, Daniels AH. Effect of Sarcopenia on Postoperative Morbidity and Mortality After Thoracolumbar Spine Surgery. *Orthopedics.* 2016 Nov 1;39(6):e1159-e1164. doi: 10.3928/01477447-20160811-02. Epub 2016 Aug 18. PMID: 27536954.
- 104: Haglin JM, Eltorai AE, Gil JA, Marcaccio SE, Botero-Hincapie J, Daniels AH. Patient-Specific Orthopaedic Implants. *Orthop Surg.* 2016 Nov;8(4):417-424. doi: 10.1111/os.12282. PMID: 28032697; PMCID: PMC6584361.
- 105: Waryasz GR, Suric V, Daniels AH, Gil JA, Ebersson CP. CrossFit® Instructor Demographics and Practice Trends. *Orthop Rev (Pavia).* 2016 Nov 17;8(4):6571. doi: 10.4081/or.2016.6571. PMID: 27994826; PMCID: PMC5136753.
- 106: Cohen BH, Gaspar MP, Daniels AH, Akelman E, Kane PM. Multifocal Neuropathy: Expanding the Scope of Double Crush Syndrome. *J Hand Surg Am.* 2016 Dec;41(12):1171-1175. doi: 10.1016/j.jhssa.2016.09.009. Epub 2016 Oct 15. PMID: 27751780.
- 107: Johnson JP, Daniels AH, Grabel ZJ, Miller SM, Ebersson CP. Referral for Adolescent Idiopathic Scoliosis by Pediatric Primary Care Providers. *Clin Pediatr (Phila).* 2017 Jan;56(1):20-25. doi: 10.1177/0009922816657150. Epub 2016 Jul 20. PMID: 27412803.
- 108: Gil JA, DeFroda SF, Sindhu K, Cruz AI Jr, Daniels AH. Challenges of Fracture Management for Adults With Osteogenesis Imperfecta. *Orthopedics.* 2017 Jan 1;40(1):e17-e22. doi: 10.3928/01477447-20161006-04. Epub 2016 Oct 13. PMID: 27735980.
- 109: Blood TD, Gil JA, Born CT, Daniels AH. Variability in Trauma Case Volume in Orthopedic Surgery Residents. *Orthop Rev (Pavia).* 2017 Feb 20;9(1):6967. doi: 10.4081/or.2017.6967. PMID: 28286621; PMCID: PMC5337775.
- 110: Eltorai AE, Susai CJ, Daniels AH. Mesenchymal stromal cells in spinal fusion: Current and future applications. *J Orthop.* 2016 Oct 25;14(1):1-3. doi: 10.1016/j.jor.2016.10.010. PMID: 27821993; PMCID: PMC5090226.

- 111: Daniels AH, Kuris EO, Palumbo MA. The Role of the Orthopaedic Surgeon in Workers' Compensation Cases. *J Am Acad Orthop Surg.* 2017 Mar;25(3):e45-e52. doi: 10.5435/JAAOS-D-16-00499. PMID: 28199293.
- 112: Daniels AH, Hart RA, Hilibrand AS, Fish DE, Wang JC, Lord EL, Buser Z, Tortolani PJ, Stroh DA, Nassr A, Currier BL, Sebastian AS, Arnold PM, Fehlings MG, Mroz TE, Riew KD. Iatrogenic Spinal Cord Injury Resulting From Cervical Spine Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):84S-90S. doi: 10.1177/2192568216688188. Epub 2017 Apr 1. PMID: 28451499; PMCID: PMC5400194.
- 113: Eltorai AEM, Sobel AD, Thomas NP Jr, Daniels AH, Born CT. Current Trends in the Management of Distal Radius Fractures. *Orthopedics.* 2017 May 1;40(3):145-152. doi: 10.3928/01477447-20170117-08. Epub 2017 Jan 23. PMID: 28112784.
- 114: Smith JS, Line B, Bess S, Shaffrey CI, Kim HJ, Mundis G, Scheer JK, Klineberg E, O'Brien M, Hostin R, Gupta M, Daniels A, Kelly M, Gum JL, Schwab FJ, Lafage V, Lafage R, Ailon T, Passias P, Protosaltis T, Albert TJ, Riew KD, Hart R, Burton D, Deviren V, Ames CP, Group ISS. The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQuol-5 Dimensions Questionnaire. *Neurosurgery.* 2017 May 1;80(5):716-725. doi: 10.1093/neuros/nyx028. PMID: 28368524.
- 115: Hernandez D, Garimella R, Eltorai AEM, Daniels AH. Computer-assisted Orthopaedic Surgery. *Orthop Surg.* 2017 May;9(2):152-158. doi: 10.1111/os.12323. Epub 2017 Jun 7. PMID: 28589561; PMCID: PMC6584434.
- 116: Hamilton DK, Kong C, Hiratzka J, Contag AG, Ailon T, Line B, Daniels A, Smith JS, Passias P, Protosaltis T, Sciubba D, Burton D, Shaffrey C, Klineberg E, Mundis G, Kim HJ, Lafage V, Lafage R, Scheer J, Boachie-Adjei O, Bess S, Hart RA. Patient Satisfaction After Adult Spinal Deformity Surgery Does Not Strongly Correlate With Health-Related Quality of Life Scores, Radiographic Parameters, or Occurrence of Complications. *Spine (Phila Pa 1976).* 2017 May 15;42(10):764-769. doi: 10.1097/BRS.0000000000001921. PMID: 27748701.
- 117: Daniels AH, Koller H, Hiratzka SL, Mayer M, Meier O, Contag AG, Eltorai AEM, Hiratzka J, Kojo Hamilton D, Shaffrey CI, Smith JS, Bess S, Klineberg EO, Ames CP, Lafage V, Line B, Schwab FJ, Hart RA, Group ISS. Selecting caudal fusion levels: 2 year functional and stiffness outcomes with matched pairs analysis in multilevel fusion to L5 versus S1. *Eur Spine J.* 2017 Jun;26(6):1645-1651. doi: 10.1007/s00586-016-4790-z. Epub 2016 Sep 27. PMID: 27679430.
- 118: Scheer JK, Smith JS, Schwab F, Lafage V, Shaffrey CI, Bess S, Daniels AH, Hart RA, Protosaltis TS, Mundis GM Jr, Sciubba DM, Ailon T, Burton DC, Klineberg E, Ames CP; International Spine Study Group. Development of a preoperative predictive model for major complications following adult spinal deformity surgery. *J Neurosurg Spine.* 2017 Jun;26(6):736-743. doi: 10.3171/2016.10.SPINE16197. Epub 2017 Mar 24. PMID: 28338449.
- 119: DePasse JM, Sargent R, Fantry AJ, Bokshan SL, Palumbo MA, Daniels AH. Assessment of Malpractice Claims Associated With Acute Compartment Syndrome. *J Am Acad Orthop Surg.* 2017 Jun;25(6):e109-e113. doi: 10.5435/JAAOS-D-16-00460. PMID: 28489715.

120: Cruz AI Jr, Kleiner JE, DeFroda SF, Gil JA, Daniels AH, Ebersson CP. Increasing rates of surgical treatment for paediatric diaphyseal forearm fractures: a National Database Study from 2000 to 2012. *J Child Orthop*. 2017 Jun 1;11(3):201-209. doi: 10.1302/1863-2548.11.170017. PMID: 28828064; PMCID: PMC5548036.

121: DePasse JM, Haglin J, Eltorai AEM, Mulcahey MK, Ebersson CP, Daniels AH. Orthopedic In-Training Examination Question Metrics and Resident Test Performance. *Orthop Rev (Pavia)*. 2017 Jun 23;9(2):7006. doi: 10.4081/or.2017.7006. PMID: 28713525; PMCID: PMC5505093.

122: Hart RA, DePasse JM, Daniels AH. Failure to Launch: What the Rejection of Lumbar Total Disk Replacement Tells us About American Spine Surgery. *Clin Spine Surg*. 2017 Jul;30(6):E759-E764. doi: 10.1097/BSD.0000000000000415. PMID: 27404851.

123: Daniels AH. Erratum. Hospital charges associated with "never events": comparison of anterior cervical discectomy and fusion, posterior lumbar interbody fusion, and lumbar laminectomy to total joint arthroplasty. *J Neurosurg Spine*. 2017 Jul;27(1):127. doi: 10.3171/2017.3.SPINE15776a. Epub 2017 Apr 14. Erratum for: *J Neurosurg Spine*. 2016 Aug;25(2):165-9. PMID: 28409670.

124: Haglin JM, Jain S, Eltorai AEM, Daniels AH. Bone Growth Stimulation: A Critical Analysis Review. *JBJS Rev*. 2017 Aug;5(8):e8. doi: 10.2106/JBJS.RVW.16.00117. PMID: 28806266.

125: DePasse JM, Ruttiman R, Eltorai AEM, Palumbo MA, Daniels AH. Assessment of malpractice claims due to spinal epidural abscess. *J Neurosurg Spine*. 2017 Oct;27(4):476-480. doi: 10.3171/2016.12.SPINE16814. Epub 2017 May 12. PMID: 28498071.

126: Daniels AH, Ruttiman R, Eltorai AEM, DePasse JM, Brea BA, Palumbo MA. Malpractice litigation following spine surgery. *J Neurosurg Spine*. 2017 Oct;27(4):470-475. doi: 10.3171/2016.11.SPINE16646. Epub 2017 Jul 21. PMID: 28731391.

127: Hamilton DK, Buza JA 3rd, Passias P, Jalai C, Kim HJ, Ailon T, Gupta M, Sciubba D, Jain A, Ames CP, Deviren V, Daniels A, Lafage V, Bess S, Klineberg E, Shaffrey CI, Smith JS, Hart R; International Spine Study Group. The Fate of Patients with Adult Spinal Deformity Incurring Rod Fracture After Thoracolumbar Fusion. *World Neurosurg*. 2017 Oct;106:905-911. doi: 10.1016/j.wneu.2017.07.061. Epub 2017 Jul 20. PMID: 28735127.

128: Daniels AH, Kuris EO, Kleinhenz DT, Palumbo MA. Spine Surgery Outcomes in Workers' Compensation Patients. *J Am Acad Orthop Surg*. 2017 Oct;25(10):e225-e234. doi: 10.5435/JAAOS-D-16-00895. PMID: 28953088.

129: DePasse JM, Palumbo MA, Ahmed AK, Adams CA Jr, Daniels AH. Halo-Vest Immobilization in Elderly Odontoid Fracture Patients: Evolution in Treatment Modality and In-Hospital Outcomes. *Clin Spine Surg*. 2017 Nov;30(9):E1206-E1210. doi: 10.1097/BSD.0000000000000483. PMID: 27906741.

130: Sobel AD, Reid DB, Blood TD, Daniels AH, Cruz AI Jr. Pediatric Orthopedic Hoverboard Injuries: A Prospectively Enrolled Cohort. *J Pediatr*. 2017 Nov;190:271-274. doi: 10.1016/j.jpeds.2017.07.041. PMID: 29144253.

- 131: Bokshan SL, Ruttiman R, Eltorai AEM, DePasse JM, Daniels AH, Owens BD. Factors Associated With Physician Loss in Anterior Cruciate Ligament Reconstruction Malpractice Lawsuits. *Orthop J Sports Med.* 2017 Nov 17;5(11):2325967117738957. doi: 10.1177/2325967117738957. PMID: 29201926; PMCID: PMC5697590.
- 132: DeFroda SF, Gil JA, Blankenhorn BD, Daniels AH. Variability in Foot and Ankle Case Volume in Orthopaedic Residency Training. *Foot Ankle Spec.* 2017 Dec;10(6):531-537. doi: 10.1177/1938640016687371. Epub 2017 Jan 16. PMID: 28092978.
- 133: Bokshan SL, Ruttiman RJ, DePasse JM, Eltorai AEM, Rubin LE, Palumbo MA, Daniels AH. Reported Litigation Associated With Primary Hip and Knee Arthroplasty. *J Arthroplasty.* 2017 Dec;32(12):3573-3577.e1. doi: 10.1016/j.arth.2017.07.001. Epub 2017 Jul 11. PMID: 28781019.
- 134: Kleinhenz DT, Eltorai AEM, Huo S, Daniels AH. Traumatic cervical epidural hematoma due to fusion mass fracture following elective rod removal. *J Orthop.* 2017 Aug 5;14(4):548-549. doi: 10.1016/j.jor.2017.07.014. PMID: 28878514; PMCID: PMC5574815.
- 135: Bokshan SL, Han A, DePasse JM, Marcaccio SE, Eltorai AEM, Daniels AH. Inpatient costs and blood transfusion rates of sarcopenic patients following thoracolumbar spine surgery. *J Neurosurg Spine.* 2017 Dec;27(6):676-680. doi: 10.3171/2017.5.SPINE17171. Epub 2017 Oct 6. PMID: 28984514.
- 136: Miller EK, Neuman BJ, Jain A, Daniels AH, Ailon T, Sciubba DM, Kebaish KM, Lafage V, Scheer JK, Smith JS, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. An assessment of frailty as a tool for risk stratification in adult spinal deformity surgery. *Neurosurg Focus.* 2017 Dec;43(6):E3. doi: 10.3171/2017.10.FOCUS17472. PMID: 29191099.
- 137: Poorman GW, Passias PG, Horn SR, Frangella NJ, Daniels AH, Hamilton DK, Kim H, Sciubba D, Diebo BG, Bortz CA, Segreto FA, Kelly MP, Smith JS, Neuman BJ, Shaffrey CI, LaFage V, LaFage R, Ames CP, Hart R, Mundis GM Jr, Eastlack R; International Spine Study Group. Despite worse baseline status depressed patients achieved outcomes similar to those in nondepressed patients after surgery for cervical deformity. *Neurosurg Focus.* 2017 Dec;43(6):E10. doi: 10.3171/2017.8.FOCUS17486. PMID: 29191101.
- 138: DePasse JM, Daniels AH, Durand W, Kingrey B, Prodrromo J, Mulcahey MK. Completion of Multiple Fellowships by Orthopedic Surgeons: Analysis of the American Board of Orthopaedic Surgery Certification Database. *Orthopedics.* 2018 Jan 1;41(1):e33-e37. doi: 10.3928/01477447-20171106-05. Epub 2017 Nov 14. PMID: 29136254.
- 139: Durand WM, Johnson JR, Eltorai AEM, Daniels AH. Medical Crowdfunding for Patients Undergoing Orthopedic Surgery. *Orthopedics.* 2018 Jan 1;41(1):e58-e63. doi: 10.3928/01477447-20171114-04. Epub 2017 Nov 21. PMID: 29156070.
- 140: Rastegar F, Contag A, Daniels A, Hiratzka J, Lin C, Chang J, Than K, Raslan A, Kong C, Nguyen NL, Hostin R, Kane M, Hart RA. Proximal Junctional Kyphosis: Inter- and Intraobserver Reliability of Radiographic Measurements in Adult Spinal Deformity. *Spine (Phila Pa 1976).* 2018 Jan 1;43(1):E40-E44. doi: 10.1097/BRS.0000000000002261. PMID: 29232355.

141: Grabel ZJ, Hart RA, Clark AJ, Park SH, Shaffrey CI, Scheer JK, Smith JS, Kelly MP, DePasse JM, Gupta MC, Ames CP, Daniels AH. Adult Spinal Deformity Knowledge in Orthopedic Spine Surgeons: Impact of Fellowship Training, Experience, and Practice Characteristics. *Spine Deform*. 2018 Jan;6(1):60-66. doi: 10.1016/j.jspd.2017.06.003. PMID: 29287819.

142: Eltorai AEM, Baird GL, Pangborn J, Eltorai AS, Antoci V Jr, Paquette K, Connors K, Barbaria J, Smeals KJ, Riley B, Patel SA, Agarwal S, Healey TT, Ventetuolo CE, Sellke FW, Daniels AH. Financial Impact of Incentive Spirometry. *Inquiry*. 2018 Jan-Dec;55:46958018794993. doi: 10.1177/0046958018794993. PMID: 30175643; PMCID: PMC6122234.

143: Ramchandran S, Protopsaltis TS, Sciubba D, Scheer JK, Jalai CM, Daniels A, Passias PG, Lafage V, Kim HJ, Mundis G, Klineberg E, Hart RA, Smith JS, Shaffrey C, Ames CP; International Spine Study Group. Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. *Eur Spine J*. 2018 Feb;27(2):416-425. doi: 10.1007/s00586-017-5395-x. Epub 2017 Nov 28. PMID: 29185112.

144: DePasse JM, Park S, Eltorai AEM, Daniels AH. Factors predicting publication of spinal cord injury trials registered on www.ClinicalTrials.gov. *J Back Musculoskelet Rehabil*. 2018 Feb 6;31(1):45-48. doi: 10.3233/BMR-169628. PMID: 28826165.

145: Eltorai AEM, Szabo AL, Antoci V Jr, Ventetuolo CE, Elias JA, Daniels AH, Hess DR. Clinical Effectiveness of Incentive Spirometry for the Prevention of Postoperative Pulmonary Complications. *Respir Care*. 2018 Mar;63(3):347-352. doi: 10.4187/respcare.05679. Epub 2017 Dec 26. PMID: 29279365.

146: Eltorai AEM, Durand WM, Haglin JM, Rubin LE, Weiss AC, Daniels AH. Trends in Medicare Reimbursement for Orthopedic Procedures: 2000 to 2016. *Orthopedics*. 2018 Mar 1;41(2):95-102. doi: 10.3928/01477447-20180226-04. Epub 2018 Mar 2. PMID: 29494748.

147: Shah KN, Walker G, Koruprolu SC, Daniels AH. Biomechanical comparison between titanium and cobalt chromium rods used in a pedicle subtraction osteotomy model. *Orthop Rev (Pavia)*. 2018 Mar 29;10(1):7541. doi: 10.4081/or.2018.7541. PMID: 29770179; PMCID: PMC5937366.

148: Ruttiman R, Eltorai AEM, Daniels AH. Etiology and Management of Spinal Deformity in Patients With Parkinson's Disease. *Int J Spine Surg*. 2018 Mar 30;12(1):15-21. doi: 10.14444/5003. PMID: 30280078; PMCID: PMC6162045.

149: Durand WM, Johnson JR, Li NY, Yang J, Eltorai AEM, DePasse JM, Daniels AH. Hospital competitive intensity and perioperative outcomes following lumbar spinal fusion. *Spine J*. 2018 Apr;18(4):626-631. doi: 10.1016/j.spinee.2017.08.256. Epub 2017 Sep 4. PMID: 28882522.

150: Passias PG, Bortz C, Horn S, Segreto F, Poorman G, Jalai C, Daniels A, Hamilton DK, Kim HJ, Sciubba D, Smith JS, Neuman B, Shaffrey C, Lafage V, Lafage R, Protopsaltis T, Ames C, Hart R, Mundis G, Eastlack R; International Spine Study Group. Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical

Deformity Surgery. *World Neurosurg.* 2018 Apr;112:e61-e68. doi: 10.1016/j.wneu.2017.12.024. Epub 2017 Dec 14. PMID: 29248781.

151: Reid DBC, Daniels AH, Ailon T, Miller E, Sciubba DM, Smith JS, Shaffrey CI, Schwab F, Burton D, Hart RA, Hostin R, Line B, Bess S, Ames CP; International Spine Study Group. Frailty and Health-Related Quality of Life Improvement Following Adult Spinal Deformity Surgery. *World Neurosurg.* 2018 Apr;112:e548-e554. doi: 10.1016/j.wneu.2018.01.079. Epub 2018 Jan 31. PMID: 29360585.

152: Cruz AI Jr, Kleiner JE, Gil JA, Goodman AD, Daniels AH, Ebersson CP. Inpatient surgical treatment of paediatric proximal humerus fractures between 2000 and 2012. *J Child Orthop.* 2018 Apr 1;12(2):111-116. doi: 10.1302/1863-2548.12.170220. PMID: 29707048; PMCID: PMC5902743.

153: Han A, Bokshan SL, Marcaccio SE, DePasse JM, Daniels AH. Diagnostic Criteria and Clinical Outcomes in Sarcopenia Research: A Literature Review. *J Clin Med.* 2018 Apr 8;7(4):70. doi: 10.3390/jcm7040070. PMID: 29642478; PMCID: PMC5920444.

154: Hart RA, Rastegar F, Contag A, Kane M, Daniels A, Klineberg E, Eastlack R, Smith JS, Hostin R, Hamilton DK, Gum JL, Burton DC, Sheer JK, Ames C, Schwab F, Lafage V, Bess S, Shaffrey C, Kebaish K; and the International Spine Study Group. Inter- and Intra-rater Reliability of the Hart-ISSG Proximal Junctional Failure Severity Scale. *Spine (Phila Pa 1976).* 2018 Apr 15;43(8):E461-E467. doi: 10.1097/BRS.0000000000002498. PMID: 29189643.

155: Eltorai AEM, Baird GL, Eltorai AS, Pangborn J, Antoci V Jr, Cullen HA, Paquette K, Connors K, Barbaria J, Smeals KJ, Agarwal S, Healey TT, Ventetuolo CE, Sellke FW, Daniels AH. Perspectives on Incentive Spirometry Utility and Patient Protocols. *Respir Care.* 2018 May;63(5):519-531. doi: 10.4187/respcare.05872. Epub 2018 Jan 23. PMID: 29362216.

156: Eltorai AEM, Baird GL, Eltorai AS, Pangborn J, Antoci V Jr, Cullen HA, Paquette K, Connors K, Barbaria J, Smeals KJ, Agarwal S, Healey TT, Ventetuolo CE, Sellke FW, Daniels AH. Incentive Spirometry Adherence: A National Survey of Provider Perspectives. *Respir Care.* 2018 May;63(5):532-537. doi: 10.4187/respcare.05882. Epub 2018 Jan 23. PMID: 29362219.

157: DePasse JM, Valdes M, Palumbo MA, Daniels AH, Ebersson CP. S-1 alar/iliac screw technique for spinopelvic fixation. *J Neurosurg Spine.* 2018 May;28(5):543-547. doi: 10.3171/2017.8.SPINE16904. Epub 2018 Feb 2. PMID: 29393830.

158: Gil JA, Durand WM, Johnson JP, Goodman AD, Owens BD, Daniels AH. Unanticipated Admission Following Outpatient Rotator Cuff Repair: An Analysis of 18,061 Cases. *Orthopedics.* 2018 May 1;41(3):164-168. doi: 10.3928/01477447-20180501-04. Epub 2018 May 9. PMID: 29738599.

159: Neuman BJ, Ailon T, Scheer JK, Klineberg E, Sciubba DM, Jain A, Zebala LP, Passias PG, Daniels AH, Burton DC, Protopsaltis TS, Hamilton DK, Ames CP; International Spine Study Group. Development and Validation of a Novel Adult Spinal Deformity Surgical Invasiveness Score: Analysis of 464 Patients. *Neurosurgery.* 2018 Jun 1;82(6):847-853. doi: 10.1093/neuros/nyx303. PMID: 28586476.

- 160: Wang J, Eltorai AEM, DePasse JM, Durand W, Reid D, Daniels AH. Variability in Treatment for Patients with Cervical Spine Fracture and Dislocation: An Analysis of 107,152 Patients. *World Neurosurg.* 2018 Jun;114:e151-e157. doi: 10.1016/j.wneu.2018.02.119. Epub 2018 Mar 6. PMID: 29501518.
- 161: Durand WM, Goodman AD, Johnson JP, Daniels AH. Assessment of 30-day mortality and complication rates associated with extended deep vein thrombosis prophylaxis following hip fracture surgery. *Injury.* 2018 Jun;49(6):1141-1148. doi: 10.1016/j.injury.2018.03.019. Epub 2018 Mar 19. PMID: 29580646.
- 162: Durand WM, Peters JL, Eltorai AEM, Kalagara S, Osband AJ, Daniels AH. Medical crowdfunding for organ transplantation. *Clin Transplant.* 2018 Jun;32(6):e13267. doi: 10.1111/ctr.13267. Epub 2018 May 15. PMID: 29683220.
- 163: Esmende SM, Shah KN, Daniels AH. Spinopelvic Fixation. *J Am Acad Orthop Surg.* 2018 Jun 1;26(11):396-401. doi: 10.5435/JAAOS-D-15-00738. PMID: 29727335.
- 164: DePasse JM, Durand W, Eltorai AEM, Palumbo MA, Daniels AH. Timing of complications following posterior cervical fusion. *J Orthop.* 2018 Mar 31;15(2):522-526. doi: 10.1016/j.jor.2018.03.010. PMID: 29881186; PMCID: PMC5990350.
- 165: Durand WM, Eltorai AEM, Depasse JM, Yang J, Daniels AH. Risk Factors for Unplanned Reoperation Within 30 Days Following Elective Posterior Lumbar Spinal Fusion. *Global Spine J.* 2018 Jun;8(4):388-395. doi: 10.1177/2192568217736269. Epub 2017 Oct 25. PMID: 29977725; PMCID: PMC6022952.
- 166: Khalsa AS, Mundis GM Jr, Yagi M, Fessler RG, Bess S, Hosogane N, Park P, Than KD, Daniels A, Iorio J, Ledesma JB, Tran S, Eastlack RK; International Spine Study Group. Variability in Assessing Spinopelvic Parameters With Lumbosacral Transitional Vertebrae: Inter- and Intraobserver Reliability Among Spine Surgeons. *Spine (Phila Pa 1976).* 2018 Jun 15;43(12):813-816. doi: 10.1097/BRS.0000000000002433. PMID: 29846363.
- 167: Durand WM, Eltorai AEM, Shantharam G, DePasse JM, Kuris EO, Hersey AE, Palumbo MA, Daniels AH. Medical Malpractice Claims Following Incidental Durotomy Due to Spinal Surgery. *Spine (Phila Pa 1976).* 2018 Jul 1;43(13):940-945. doi: 10.1097/BRS.0000000000002469. PMID: 29200173.
- 168: Shah KN, Eltorai AEM, Perera S, Durand WM, Shantharam G, Owens BD, Daniels AH. Medical Malpractice Litigation Following Arthroscopic Surgery. *Arthroscopy.* 2018 Jul;34(7):2236-2244. doi: 10.1016/j.arthro.2018.02.035. Epub 2018 Apr 10. PMID: 29653793.
- 169: Daniels AH, Bess S, Line B, Eltorai AEM, Reid DBC, Lafage V, Akbarnia BA, Ames CP, Boachie-Adjei O, Burton DC, Deviren V, Kim HJ, Hart RA, Kebaish KM, Klineberg EO, Gupta M, Mundis GM Jr, Hostin RA Jr, O'Brien M, Schwab FJ, Shaffrey CI, Smith JS; International Spine Study Group Foundation. Peak Timing for Complications After Adult Spinal Deformity Surgery. *World Neurosurg.* 2018 Jul;115:e509-e515. doi: 10.1016/j.wneu.2018.04.084. Epub 2018 Apr 22. PMID: 29689393.

- 170: Gil JA, Bokshan S, Genovese T, Got C, Daniels AH. Medical Malpractice Following Carpal Tunnel Surgery. *Orthopedics*. 2018 Jul 1;41(4):e569-e571. doi: 10.3928/01477447-20180524-05. Epub 2018 May 30. PMID: 29813166.
- 171: Mulcahey MK, Waterman BR, Hart R, Daniels AH. The Role of Mentoring in the Development of Successful Orthopaedic Surgeons. *J Am Acad Orthop Surg*. 2018 Jul 1;26(13):463-471. doi: 10.5435/JAAOS-D-16-00665. PMID: 29847421.
- 172: Durand WM, DePasse JM, Daniels AH. Predictive Modeling for Blood Transfusion After Adult Spinal Deformity Surgery: A Tree-Based Machine Learning Approach. *Spine (Phila Pa 1976)*. 2018 Aug 1;43(15):1058-1066. doi: 10.1097/BRS.0000000000002515. PMID: 29215501.
- 173: Passias PG, Horn SR, Bortz CA, Ramachandran S, Burton DC, Protosaltis T, Lafage R, Lafage V, Diebo BG, Poorman GW, Segreto FA, Smith JS, Ames C, Shaffrey CI, Kim HJ, Neuman B, Daniels AH, Soroceanu A, Klineberg E; International Spine Study Group (ISSG). The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. *Spine (Phila Pa 1976)*. 2018 Aug;43(16):1117-1124. doi: 10.1097/BRS.0000000000002610. PMID: 29462071.
- 174: Durand WM, Ruddell JH, Eltorai AEM, DePasse JM, Daniels AH. Ileus Following Adult Spinal Deformity Surgery. *World Neurosurg*. 2018 Aug;116:e806-e813. doi: 10.1016/j.wneu.2018.05.099. Epub 2018 May 23. PMID: 29803069.
- 175: Ailon T, Hamilton DK, Klineberg E, Daniels AH, Lafage V, Bess S, Burton DC, Gupta M, Schwab F, Ames CP, Smith JS, Shaffrey CI, Hart RA; International Spine Study Group. Radiographic Fusion Grade Does Not Impact Health-Related Quality of Life in the Absence of Instrumentation Failure for Patients Undergoing Posterior Instrumented Fusion for Adult Spinal Deformity. *World Neurosurg*. 2018 Sep;117:e1-e7. doi: 10.1016/j.wneu.2018.04.127. Epub 2018 Apr 27. PMID: 29709744.
- 176: Daniels AH, DePasse JM, Durand W, Hamilton DK, Passias P, Kim HJ, Protosaltis T, Reid DBC, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart RA; International Spine Study Group. Rod Fracture After Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients. *World Neurosurg*. 2018 Sep;117:e530-e537. doi: 10.1016/j.wneu.2018.06.071. Epub 2018 Jun 19. PMID: 29929025.
- 177: Deckey DG, Eltorai AEM, Gil JA, Daniels AH. Assessment of malpractice claims associated with rotator cuff surgery. *Orthop Rev (Pavia)*. 2018 Sep 5;10(3):7703. doi: 10.4081/or.2018.7703. PMID: 30370037; PMCID: PMC6187002.
- 178: Shantharam G, DePasse JM, Eltorai AEM, Durand WM, Palumbo MA, Daniels AH. Physician and patients factors associated with outcome of spinal epidural abscess related malpractice litigation. *Orthop Rev (Pavia)*. 2018 Sep 26;10(3):7693. doi: 10.4081/or.2018.7693. PMID: 30370036; PMCID: PMC6187001.
- 179: DePasse JM, Durand W, Daniels AH. Predictors of Nonneurologic Complications and Increased Length of Stay After Cervical Spine Osteotomy. *World Neurosurg*. 2018 Oct;118:e727-e730. doi: 10.1016/j.wneu.2018.07.029. Epub 2018 Aug 2. PMID: 30010068.

180: Passias PG, Horn SR, Poorman GW, Daniels AH, Hamilton DK, Kim HJ, Diebo BG, Steinmetz L, Bortz CA, Segreto FA, Sciubba DM, Smith JS, Neuman BJ, Shaffrey CI, Lafage R, Lafage V, Ames C, Hart R, Mundis G, Eastlack RK, Schwab FJ; International Spine Study Group (ISSG). Clinical and radiographic presentation and treatment of patients with cervical deformity secondary to thoracolumbar proximal junctional kyphosis are distinct despite achieving similar outcomes: Analysis of 123 prospective CD cases. *J Clin Neurosci*. 2018 Oct;56:121-126. doi: 10.1016/j.jocn.2018.06.040. Epub 2018 Jul 2. PMID: 30042069.

181: Eltorai AEM, Eltorai AS, Fuentes C, Durand WM, Daniels AH, Ali S. Financial Implications of Physician Specialty Choice. *R I Med J* (2013). 2018 Oct 1;101(8):50-55. PMID: 30278604.

182: Haglin JM, Eltorai AEM, Kalagara S, Kingrey B, Durand WM, Aidlen JP, Daniels AH. Patient-Rated Trust of Spine Surgeons: Influencing Factors. *Global Spine J*. 2018 Oct;8(7):728-732. doi: 10.1177/2192568218767385. Epub 2018 Apr 19. PMID: 30443484; PMCID: PMC6232710.

183: Ailon T, Smith JS, Shaffrey CI, Kim HJ, Mundis G, Gupta M, Klineberg E, Schwab F, Lafage V, Lafage R, Passias P, Protosaltis T, Neuman B, Daniels A, Scheer JK, Soroceanu A, Hart R, Hostin R, Burton D, Deviren V, Albert TJ, Riew KD, Bess S, Ames CP; International Spine Study Group. Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment With 1-Year Follow-up. *Neurosurgery*. 2018 Nov 1;83(5):1031-1039. doi: 10.1093/neuros/nyx574. PMID: 29281107.

184: Durand WM, DePasse JM, Kuris EO, Yang J, Daniels AH. Late-presenting dural tear: incidence, risk factors, and associated complications. *Spine J*. 2018 Nov;18(11):2043-2050. doi: 10.1016/j.spinee.2018.04.004. Epub 2018 Apr 18. PMID: 29679726.

185: Kosinski LR, Gil JA, Durand WM, DeFroda SF, Owens BD, Daniels AH. 30-Day readmission following outpatient rotator cuff repair: an analysis of 18,061 cases. *Phys Sportsmed*. 2018 Nov;46(4):466-470. doi: 10.1080/00913847.2018.1502571. Epub 2018 Jul 27. PMID: 30021075.

186: Goodman AD, Johnson JP, Kleiner JE, Gil JA, Daniels AH. The expanding use of total elbow arthroplasty for distal humerus fractures: a retrospective database analysis of 56,379 inpatients from 2002-2014. *Phys Sportsmed*. 2018 Nov;46(4):492-498. doi: 10.1080/00913847.2018.1508315. Epub 2018 Aug 9. PMID: 30073892.

187: Martin TJ, Patel SA, Tran M, Eltorai AS, Daniels AH, Eltorai AEM. Patient Factors Associated with Successful Incentive Spirometry. *R I Med J* (2013). 2018 Nov 1;101(9):14-18. PMID: 30384513.

188: Scheer JK, Oh T, Smith JS, Shaffrey CI, Daniels AH, Sciubba DM, Hamilton DK, Protosaltis TS, Passias PG, Hart RA, Burton DC, Bess S, Lafage R, Lafage V, Schwab F, Klineberg EO, Ames CP; International Spine Study Group. Development of a validated computer-based preoperative predictive model for pseudarthrosis with 91% accuracy in 336 adult spinal deformity patients. *Neurosurg Focus*. 2018 Nov 1;45(5):E11. doi: 10.3171/2018.8.FOCUS18246. PMID: 30453452.

189: Ruddell JH, Eltorai AEM, DePasse JM, Kuris EO, Gil JA, Cho DK, Paxton ES, Green A, Daniels AH. Trends in the Orthopaedic Surgery Subspecialty Fellowship Match: Assessment of 2010 to 2017

Applicant and Program Data. *J Bone Joint Surg Am*. 2018 Nov 7;100(21):e139. doi: 10.2106/JBJS.18.00323. PMID: 30399086.

190: Passias PG, Poorman GW, Lafage V, Smith J, Ames C, Schwab F, Shaffrey C, Segreto FA, Horn SR, Bortz CA, Varlotta CG, Hockley A, Wang C, Daniels A, Neuman B, Hart R, Burton D, Javidan Y, Line B, LaFage R, Bess S, Sciubba D; ISSG. Cervical Versus Thoracolumbar Spinal Deformities: A Comparison of Baseline Quality-of-Life Burden. *Clin Spine Surg*. 2018 Dec;31(10):413-419. doi: 10.1097/BSD.0000000000000743. PMID: 30371600.

191: Kleiner JE, Boulos A, Eltorai AEM, Durand WM, Daniels AH. Matched Cohort Analysis of Elective Lumbar Spinal Fusion in Patients With and Without Parkinson's Disease: In-hospital Complications, Length of Stay, and Hospital Charges. *Global Spine J*. 2018 Dec;8(8):842-846. doi: 10.1177/2192568218776653. Epub 2018 May 17. PMID: 30560037; PMCID: PMC6293431.

192: Horn SR, Passias PG, Hockley A, Lafage R, Lafage V, Hassanzadeh H, Horowitz JA, Bortz CA, Segreto FA, Brown AE, Smith JS, Sciubba DM, Mundis GM, Kelley MP, Daniels AH, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Hostin RA, Ames CP; International Spine Study Group. Cost-utility of revisions for cervical deformity correction warrants minimization of reoperations. *J Spine Surg*. 2018 Dec;4(4):702-711. doi: 10.21037/jss.2018.10.02. PMID: 30714001; PMCID: PMC6330577.

193: Eltorai AEM, Martin TJ, Eltorai AS, Baird GL, Healey TT, Daniels AH. Utility of Inspiratory Volume in Incentive Spirometry. *R I Med J* (2013). 2018 Dec 3;101(10):37-40. PMID: 30509006.

194: Kalagara S, Eltorai AEM, Durand WM, DePasse JM, Daniels AH. Machine learning modeling for predicting hospital readmission following lumbar laminectomy. *J Neurosurg Spine*. 2018 Dec 7;30(3):344-352. doi: 10.3171/2018.8.SPINE1869. PMID: 30544346.

195: Kalagara S, Eltorai AEM, DePasse JM, Daniels AH. Predictive factors of positive online patient ratings of spine surgeons. *Spine J*. 2019 Jan;19(1):182-185. doi: 10.1016/j.spinee.2018.07.024. Epub 2018 Aug 1. PMID: 30077043.

196: DePasse JM, Nzeogu MI, Travers C, Mulcahey MK, Palumbo MA, Hart RA, Marsh JL, Daniels AH. Early Subspecialization in Orthopedic Surgery Training. *Orthopedics*. 2019 Jan 1;42(1):e39-e43. doi: 10.3928/01477447-20181109-01. Epub 2018 Nov 14. PMID: 30427056.

197: Reid DBC, Haglin JM, Durand WM, Daniels AH. Operative Management of Spinal Infection Among Intravenous Drug Abusers. *World Neurosurg*. 2019 Jan 10;S1878-8750(19)30019-1. doi: 10.1016/j.wneu.2018.12.151. Epub ahead of print. PMID: 30639488.

198: Ahmed SA, Shantharam G, Eltorai AEM, Hartnett DA, Goodman A, Daniels AH. The effect of psychosocial measures of resilience and self-efficacy in patients with neck and lower back pain. *Spine J*. 2019 Feb;19(2):232-237. doi: 10.1016/j.spinee.2018.06.007. Epub 2018 Jun 12. PMID: 29906617.

199: Spake CSL, Reid DBC, Daniels AH. Rapid Progression of Metastatic Panspinal Epidural Non-Small Cell Lung Cancer After Discontinuation of Alectinib. *World Neurosurg*. 2019 Feb;122:590-592. doi: 10.1016/j.wneu.2018.11.118. Epub 2018 Nov 24. PMID: 30476657.

- 200: DePasse JM, Durand W, Palumbo MA, Daniels AH. Sex- and Sport-Specific Epidemiology of Cervical Spine Injuries Sustained During Sporting Activities. *World Neurosurg.* 2019 Feb;122:e540-e545. doi: 10.1016/j.wneu.2018.10.097. Epub 2018 Oct 27. PMID: 30889777.
- 201: Babu JM, Patel SA, Palumbo MA, Daniels AH. Spinal Emergencies in Primary Care Practice. *Am J Med.* 2019 Mar;132(3):300-306. doi: 10.1016/j.amjmed.2018.09.022. Epub 2018 Oct 3. PMID: 30291829.
- 202: Johnson JP, Kleiner J, Goodman AD, Gil JA, Daniels AH, Hayda RA. Treatment of femoral neck fractures in patients 45-64 years of age. *Injury.* 2019 Mar;50(3):708-712. doi: 10.1016/j.injury.2018.11.020. Epub 2018 Nov 16. PMID: 30471942.
- 203: Durand WM, DePasse JM, Bokshan SL, Eltorai AEM, Daniels AH. Tobacco Use and Complications Following Spinal Fusion: A Comparison of the National Surgical Quality Improvement Program and National Inpatient Sample Datasets. *World Neurosurg.* 2019 Mar;123:e393-e407. doi: 10.1016/j.wneu.2018.11.180. Epub 2018 Nov 27. PMID: 30500580.
- 204: Deckey DG, Reid DBC, Mallozzi S, Daniels AH. Cutaneous Metastasis via Surgical Planes After Lumbar Spinal Reconstruction for Spinal Metastatic Disease. *World Neurosurg.* 2019 Mar;123:49-53. doi: 10.1016/j.wneu.2018.11.218. Epub 2018 Dec 5. PMID: 30528523.
- 205: Miller SM, Donegan SW, Voigt N, Eltorai AEM, Nguyen J, Machan JT, Daniels AH, Shetty T. Transcranial motor-evoked potentials for prediction of postoperative neurologic and motor deficit following surgery for thoracolumbar scoliosis. *Orthop Rev (Pavia).* 2019 Mar 12;11(1):7757. doi: 10.4081/or.2019.7757. PMID: 30996839; PMCID: PMC6452093.
- 206: Walsh DF, Thome AP, Mody KS, Eltorai AEM, Daniels AH, Mulcahey MK. Radiation safety education as a component of orthopedic training. *Orthop Rev (Pavia).* 2019 Mar 27;11(1):7883. doi: 10.4081/or.2019.7883. PMID: 30996841; PMCID: PMC6452227.
- 207: Reid DBC, Shah KN, Ruddell JH, Shapiro BH, Akelman E, Robertson AP, Palumbo MA, Daniels AH. Effect of narcotic prescription limiting legislation on opioid utilization following lumbar spine surgery. *Spine J.* 2019 Apr;19(4):717-725. doi: 10.1016/j.spinee.2018.09.007. Epub 2018 Sep 14. PMID: 30223089.
- 208: Li NY, Kalagara S, Hersey A, Eltorai AEM, Daniels AH, Cruz AI Jr. Impact of obesity on operative treatment and inpatient outcomes of paediatric limb fractures. *Bone Joint J.* 2019 Apr;101-B(4):491-496. doi: 10.1302/0301-620X.101B4.BJJ-2018-0740.R2. PMID: 30929488.
- 209: Hersey AE, Durand WM, Eltorai AEM, DePasse JM, Daniels AH. Longer Operative Time in Elderly Patients Undergoing Posterior Lumbar Fusion Is Independently Associated With Increased Complication Rate. *Global Spine J.* 2019 Apr;9(2):179-184. doi: 10.1177/2192568218789117. Epub 2018 Jul 17. PMID: 30984498; PMCID: PMC6448197.
- 210: Ahmed SA, DeFroda SF, Naqvi SJ, Eltorai AEM, Hartnett D, Ruddell JH, Born CT, Daniels AH. Malpractice Litigation Following Traumatic Fracture. *J Bone Joint Surg Am.* 2019 Apr 3;101(7):e27. doi: 10.2106/JBJS.18.00853. PMID: 30946201.

211: Deckey DG, Eltorai AEM, Jindal G, Daniels AH. Analysis of Malpractice Claims Involving Diagnostic and Interventional Neuroradiology. *J Am Coll Radiol*. 2019 May;16(5):764-769. doi: 10.1016/j.jacr.2018.10.022. Epub 2018 Dec 22. PMID: 30584036.

212: Eltorai AE, Martin TJ, Patel SA, Tran M, Eltorai AS, Daniels AH, Baird GL. Visual Obstruction of Flow Indicator Increases Inspiratory Volumes in Incentive Spirometry. *Respir Care*. 2019 May;64(5):590-594. doi: 10.4187/respcare.06331. Epub 2019 Jan 22. PMID: 30670666.

213: Passias PG, Poorman GW, Horn SR, Jalai CM, Bortz C, Segreto F, Diebo BM, Daniels A, Hamilton DK, Sciubba D, Smith J, Neuman B, Shaffrey CI, LaFage V, LaFage R, Schwab F, Bess S, Ames C, Hart R, Soroceanu A, Mundis G, Eastlack R; International Spine Study Group. Effect of Obesity on Radiographic Alignment and Short-Term Complications After Surgical Treatment of Adult Cervical Deformity. *World Neurosurg*. 2019 May;125:e1082-e1088. doi: 10.1016/j.wneu.2019.01.248. Epub 2019 Feb 18. PMID: 30790725.

214: Daniels AH, Reid DBC, Tran SN, Hart RA, Klineberg EO, Bess S, Burton D, Smith JS, Shaffrey C, Gupta M, Ames CP, Hamilton DK, LaFage V, Schwab F, Eastlack R, Akbarnia B, Kim HJ, Kelly M, Passias PG, Protopsaltis T, Mundis GM Jr; International Spine Study Group. Evolution in Surgical Approach, Complications, and Outcomes in an Adult Spinal Deformity Surgery Multicenter Study Group Patient Population. *Spine Deform*. 2019 May;7(3):481-488. doi: 10.1016/j.jspd.2018.09.013. PMID: 31053319.

215: Reid DBC, Shah KN, Shapiro BH, Ruddell JH, Akelman E, Daniels AH. Mandatory Prescription Limits and Opioid Utilization Following Orthopaedic Surgery. *J Bone Joint Surg Am*. 2019 May 15;101(10):e43. doi: 10.2106/JBJS.18.00943. PMID: 31094987.

216: Daniels AH, Patel SA, Reid DBC, Gao B, Kuris EO, Babu JM, Depasse JM. Proximal junctional failure prevention in adult spinal deformity surgery utilizing interlaminar fixation constructs. *Orthop Rev (Pavia)*. 2019 May 23;11(2):8068. doi: 10.4081/or.2019.8068. PMID: 31210915; PMCID: PMC6551454.

217: Gil JA, Durand W, Johnson JP, Goodman AD, Daniels AH. Effect of Obesity on Perioperative Complications, Hospital Costs, and Length of Stay in Patients With Open Ankle Fractures. *J Am Acad Orthop Surg*. 2019 Jun 1;27(11):e529-e534. doi: 10.5435/JAAOS-D-17-00860. PMID: 30299341.

218: Martin TJ, Eltorai AS, Dunn R, Varone A, Joyce MF, Kheirbek T, Adams C Jr, Daniels AH, Eltorai AEM. Clinical management of rib fractures and methods for prevention of pulmonary complications: A review. *Injury*. 2019 Jun;50(6):1159-1165. doi: 10.1016/j.injury.2019.04.020. Epub 2019 Apr 22. PMID: 31047683.

219: Eltorai AEM, Baird GL, Eltorai AS, Healey TT, Agarwal S, Ventetuolo CE, Martin TJ, Chen J, Kazemi L, Keable CA, Diaz E, Pangborn J, Fox J, Connors K, Sellke FW, Elias JA, Daniels AH. Effect of an Incentive Spirometer Patient Reminder After Coronary Artery Bypass Grafting: A Randomized Clinical Trial. *JAMA Surg*. 2019 Jul 1;154(7):579-588. doi: 10.1001/jamasurg.2019.0520. PMID: 30969332; PMCID: PMC6583822.

- 220: Kleiner JE, Eltorai AEM, Rubin LE, Daniels AH. Matched Cohort Analysis of Total Hip Arthroplasty in Patients With and Without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges. *J Arthroplasty*. 2019 Jul;34(7S):S228-S231. doi: 10.1016/j.arth.2019.03.023. Epub 2019 Mar 14. PMID: 30982760.
- 221: Shah KN, Goodman AD, Durand W, Daniels AH, Weiss AC. Acute Carpal Tunnel Syndrome in Inpatients With Operative Distal Radius Fracture. *Orthopedics*. 2019 Jul 1;42(4):227-234. doi: 10.3928/01477447-20190523-04. Epub 2019 May 28. PMID: 31136674.
- 222: Reid DBC, Daniels AH, Haque MU, Palumbo MA. Successful Treatment of Morel- Lavallée Lesion of the Back With Transcutaneous Transmyofascial Bolstered Progressive Tension Suturing. *Orthopedics*. 2019 Jul 1;42(4):e399-e401. doi: 10.3928/01477447-20190624-08. PMID: 31323112.
- 223: Passias PG, Alas H, Lafage R, Diebo BG, Chern I, Ames CP, Park P, Than KD, Daniels AH, Hamilton DK, Burton DC, Hart RA, Bess S, Line BG, Klineberg EO, Shaffrey CI, Smith JS, Schwab FJ, Lafage V. Global spinal deformity from the upper cervical perspective. What is "Abnormal" in the upper cervical spine? *J Craniovertebr Junction Spine*. 2019 Jul-Sep;10(3):152-159. doi: 10.4103/jcvjs.JCVJS_71_19. PMID: 31772427; PMCID: PMC6868544.
- 224: Passias PG, Horn SR, Raman T, Brown AE, Lafage V, Lafage R, Smith JS, Bortz CA, Segreto FA, Pierce KE, Alas H, Line BG, Diebo BG, Daniels AH, Kim HJ, Soroceanu A, Mundis GM, Protopsaltis TS, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. The impact of osteotomy grade and location on regional and global alignment following cervical deformity surgery. *J Craniovertebr Junction Spine*. 2019 Jul- Sep;10(3):160-166. doi: 10.4103/jcvjs.JCVJS_53_19. PMID: 31772428; PMCID: PMC6868539.
- 225: Kleiner JE, Gil JA, Eltorai AEM, Rubin LE, Daniels AH. Matched cohort analysis of peri-operative outcomes following total knee arthroplasty in patients with and without Parkinson's disease. *Knee*. 2019 Aug;26(4):876-880. doi: 10.1016/j.knee.2019.05.003. Epub 2019 Jun 4. PMID: 31171425.
- 226: Hartnett DA, Eltorai AEM, Osband AJ, Ahmed SA, Daniels AH. Cholecystectomy- related malpractice litigation: predictive factors of case outcome. *Updates Surg*. 2019 Sep;71(3):463-469. doi: 10.1007/s13304-019-00633-4. Epub 2019 Feb 19. PMID: 30783959.
- 227: Burton DC, Sethi RK, Wright AK, Daniels AH, Ames CP, Reid DB, Klineberg EO, Harper R, Mundis GM, Hlubek RJ, Bess S, Hart RA, Kelly MP, Lenke LG. The Role of Potentially Modifiable Factors in a Standard Work Protocol to Decrease Complications in Adult Spinal Deformity Surgery: A Systematic Review, Part 1. *Spine Deform*. 2019 Sep;7(5):669-683. doi: 10.1016/j.jspd.2019.04.003. PMID: 31495466.
- 228: Sethi RK, Burton DC, Wright AK, Lenke LG, Cerpa M, Kelly MP, Daniels AH, Ames CP, Klineberg EO, Mundis GM, Bess S, Hart RA; ISSG. The Role of Potentially Modifiable Factors in a Standard Work Protocol to Decrease Complications in Adult Spinal Deformity Surgery: A Systematic Review, Part 2. *Spine Deform*. 2019 Sep;7(5):684-695. doi: 10.1016/j.jspd.2019.03.001. PMID: 31495467.

- 229: Patel DD, DeFroda SF, Daniels AH. Letter to the Editor: Celiac Artery Syndrome After Correction of Kyphoscoliosis. *Spine Deform.* 2019 Sep;7(5):842. doi: 10.1016/j.jspd.2019.02.011. PMID: 31495488.
- 230: Park J, Gil JA, Kleiner J, Eltorai AEM, Daniels AH. Publication characteristics of studies published in *The Spine Journal* from 2005 to 2015. *Orthop Rev (Pavia).* 2019 Jun 26;11(3):7786. doi: 10.4081/or.2019.7786. PMID: 31588255; PMCID: PMC6776923.
- 231: Sobel AD, Hartnett D, Hernandez D, Eltorai AEM, Daniels AH. Global variability in orthopedic surgery training. *Orthop Rev (Pavia).* 2019 Jun 26;11(3):8152. doi: 10.4081/or.2019.8152. PMID: 31588258; PMCID: PMC6776924.
- 232: DeFroda SF, Bokshan SL, Worobey S, Ready L, Daniels AH, Owens BD. Oral contraceptives provide protection against anterior cruciate ligament tears: a national database study of 165,748 female patients. *Phys Sportsmed.* 2019 Nov;47(4):416-420. doi: 10.1080/00913847.2019.1600334. Epub 2019 Apr 1. PMID: 30913940.
- 233: Horn SR, Passias PG, Bortz CA, Pierce KE, Lafage V, Lafage R, Brown AE, Alas H, Smith JS, Line B, Deviren V, Mundis GM, Kelly MP, Kim HJ, Protosaltis T, Daniels AH, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. Predicting extended operative time and length of inpatient stay in cervical deformity corrective surgery. *J Clin Neurosci.* 2019 Nov;69:206-213. doi: 10.1016/j.jocn.2019.07.064. Epub 2019 Aug 8. PMID: 31402263.
- 234: Horn SR, Passias PG, Oh C, Lafage V, Lafage R, Smith JS, Line B, Anand N, Segreto FA, Bortz CA, Scheer JK, Eastlack RK, Deviren V, Mummaneni PV, Daniels AH, Park P, Nunley PD, Kim HJ, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. Predicting the combined occurrence of poor clinical and radiographic outcomes following cervical deformity corrective surgery. *J Neurosurg Spine.* 2019 Nov 1;32(2):182-190. doi: 10.3171/2019.7.SPINE18651. PMID: 31675700.
- 235: Li NY, Gruppuso PA, Kalagara S, Eltorai AEM, DePasse JM, Daniels AH. Critical Assessment of the Contemporary Orthopaedic Surgery Residency Application Process. *J Bone Joint Surg Am.* 2019 Nov 6;101(21):e114. doi: 10.2106/JBJS.18.00587. PMID: 31567662.
- 236: DeFroda SF, McDonald C, Myers C, Cruz AI, Owens BD, Daniels AH. Sudden Cardiac Death in the Adolescent Athlete: History, Diagnosis, and Prevention. *Am J Med.* 2019 Dec;132(12):1374-1380. doi: 10.1016/j.amjmed.2019.05.025. Epub 2019 Jun 12. PMID: 31199891.
- 237: Hogan WB, Kuris EO, Durand WM, Eltorai AEM, Daniels AH. Timing of Surgical Decompression for Cauda Equina Syndrome. *World Neurosurg.* 2019 Dec;132:e732-e738. doi: 10.1016/j.wneu.2019.08.030. Epub 2019 Aug 12. PMID: 31415897.
- 238: Durand WM, Anderson M, Baker A, Daniels AH, Rogg JM, Klinge PM. Meningocele Manqué Discovered During Filum Terminale Resection in Occult Tethered Cord Syndrome. *World Neurosurg.* 2019 Dec;132:148-153. doi: 10.1016/j.wneu.2019.08.016. Epub 2019 Aug 17. PMID: 31430540.

239: Durand WM, Daniels AH, Hamilton DK, Passias PG, Kim HJ, Protosaltis T, Lafage V, Smith JS, Shaffrey C, Gupta M, Kelly MP, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart R; International Spine Study Group. Younger Patients Are Differentially Affected by Stiffness-Related Disability Following Adult Spinal Deformity Surgery. *World Neurosurg.* 2019 Dec;132:e297-e304. doi: 10.1016/j.wneu.2019.08.169. Epub 2019 Aug 31. PMID: 31479783.

240: Zhang AS, Berreta RS, Osorio C, Daniels AH. Nosocomial COVID-19 infection mortality following surgery for severe progressive cervical myelopathy: a case report. *Spinal Cord Ser Cases.* 2021 Nov 19;7(1):100. doi: 10.1038/s41394-021-00465-8. PMID: 34799558; PMCID: PMC8603333.

241: Daniels AH, Reid DBC, Durand WM, Hamilton DK, Passias PG, Kim HJ, Protosaltis TS, Lafage V, Smith JS, Shaffrey CI, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames CP, Hart RA; International Spine Study Group. Upper- thoracic versus lower-thoracic upper instrumented vertebra in adult spinal deformity patients undergoing fusion to the pelvis: surgical decision-making and patient outcomes. *J Neurosurg Spine.* 2019 Dec 20:1-7. doi: 10.3171/2019.9.SPINE19557. Epub ahead of print. PMID: 31860807.

242: Haglin JM, Eltorai AEM, Richter KR, Jogerst K, Daniels AH. Medicare Reimbursement for General Surgery Procedures: 2000 to 2018. *Ann Surg.* 2020 Jan;271(1):17-22. doi: 10.1097/SLA.0000000000003289. PMID: 30921048.

243: Segreto FA, Passias PG, Lafage R, Lafage V, Smith JS, Line BG, Mundis GM, Bortz CA, Stekas ND, Horn SR, Diebo BG, Brown AE, Ihejirika Y, Nunley PD, Daniels AH, Gupta MC, Gum JL, Hamilton DK, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP. Incidence of Acute, Progressive, and Delayed Proximal Junctional Kyphosis Over an 8-Year Period in Adult Spinal Deformity Patients. *Oper Neurosurg (Hagerstown).* 2020 Jan 1;18(1):75-82. doi: 10.1093/ons/opz128. PMID: 31172190.

244: Reid DBC, Patel SA, Shah KN, Shapiro BH, Ruddell JH, Akelman E, Palumbo MA, Daniels AH. Opioid-limiting legislation associated with decreased 30-day opioid utilization following anterior cervical decompression and fusion. *Spine J.* 2020 Jan;20(1):69-77. doi: 10.1016/j.spinee.2019.08.014. Epub 2019 Sep 2. PMID: 31487559.

245: Passias PG, Horn SR, Oh C, Lafage R, Lafage V, Smith JS, Line B, Protosaltis TS, Yagi M, Bortz CA, Segreto FA, Alas H, Diebo BG, Sciubba DM, Kelly MP, Daniels AH, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP. Predicting the Occurrence of Postoperative Distal Junctional Kyphosis in Cervical Deformity Patients. *Neurosurgery.* 2020 Jan 1;86(1):E38-E46. doi: 10.1093/neuros/nyz347. PMID: 31838540.

246: Guang SA, Eltorai AEM, Durand WM, Daniels AH. Medical student burnout: Impact of the gap year in burnout prevention. *Work.* 2020;66(3):611-616. doi: 10.3233/WOR-203203. PMID: 32623422.

247: Reid DBC, Shapiro B, Shah KN, Ruddell JH, Cohen EM, Akelman E, Daniels AH. Has a Prescription-limiting Law in Rhode Island Helped to Reduce Opioid Use After Total Joint Arthroplasty? *Clin Orthop Relat Res.* 2020 Feb;478(2):205-215. doi: 10.1097/CORR.0000000000000885. PMID: 31389888; PMCID: PMC7438153.

248: Li NY, DeFroda SF, Durand W, Reid DBC, Owens BD, Daniels AH. Risk of Revision Shoulder Surgery, Complications, and Prolonged Opioid Use in Patients Undergoing Shoulder Arthroscopy Who Have Previously Undergone Anterior Cervical Discectomy and Fusion. *Arthroscopy*. 2020 Feb;36(2):367-372.e2. doi: 10.1016/j.arthro.2019.08.037. Epub 2019 Dec 18. PMID: 31864815.

249: Protosaltis TS, Soroceanu A, Tishelman JC, Buckland AJ, Mundis GM Jr, Smith JS, Daniels A, Lenke LG, Kim HJ, Klineberg EO, Ames CP, Hart RA, Bess S, Shaffrey CI, Schwab FJ, Lafage V; International Spine Study Group (ISSG). Should Sagittal Spinal Alignment Targets for Adult Spinal Deformity Correction Depend on Pelvic Incidence and Age? *Spine (Phila Pa 1976)*. 2020 Feb 15;45(4):250-257. doi: 10.1097/BRS.0000000000003237. PMID: 31513118.

250: Li NY, Patel SA, Durand WM, Ready LV, Owens BD, Daniels AH. Increased Risk of Chronic Opioid Use and Revision After Anterior Cervical Discectomy and Fusion in Patients with Prior Shoulder Arthroscopy. *World Neurosurg*. 2020 Mar;135:e202-e208. doi: 10.1016/j.wneu.2019.11.116. Epub 2019 Nov 28. PMID: 31786377.

251: Shah KN, Ruddell JH, Reid DBC, Shapiro BH, Akelman E, Fadale PD, Daniels AH. Opioid-Limiting Regulation: Effect on Patients Undergoing Knee and Shoulder Arthroscopy. *Arthroscopy*. 2020 Mar;36(3):824-831. doi: 10.1016/j.arthro.2019.09.045. Epub 2019 Dec 19. PMID: 31866279.

252: Hart RA, Eltorai AEM, Yanney K, Marsh JL, Mulcahey MK, Daniels AH. Update on Mentorship in Orthopaedic Resident Education: A Report from the American Orthopaedic Association. *J Bone Joint Surg Am*. 2020 Mar 4;102(5):e20. doi: 10.2106/JBJS.18.00697. PMID: 31770292.

253: Reid DBC, Shah KN, Shapiro BH, Ruddell JH, Evans AR, Hayda RA, Akelman E, Daniels AH. Opioid-Limiting Legislation Associated With Reduced Postoperative Prescribing After Surgery for Traumatic Orthopaedic Injuries. *J Orthop Trauma*. 2020 Apr;34(4):e114-e120. doi: 10.1097/BOT.0000000000001673. PMID: 31688409.

254: Hartnett DA, DeFroda SF, Ahmed SA, Eltorai AEM, Blankenhorn B, Daniels AH. Malpractice claims associated with foot surgery. *Orthop Rev (Pavia)*. 2020 Apr 28;12(1):8439. doi: 10.4081/or.2020.8439. PMID: 32391135; PMCID: PMC7206365.

255: DeFroda SF, Yang DS, Donnelly JC, Bokshan SL, Owens BD, Daniels AH. Trends in the surgical treatment of meniscal tears in patients with and without concurrent anterior cruciate ligament tears. *Phys Sportsmed*. 2020 May;48(2):229-235. doi: 10.1080/00913847.2019.1685363. Epub 2019 Nov 1. PMID: 31662012.

256: Lemme NJ, Li NY, Twomey-Kozak J, DeFroda SF, Silber Z, Daniels AH, Ebersson CP. Characterization and Fate of Unpublished Research Articles Reported by Orthopedic Surgery Residency Applicants. *J Surg Educ*. 2020 May- Jun;77(3):698-703. doi: 10.1016/j.jsurg.2019.11.005. Epub 2019 Dec 16. PMID: 31852587.

257: Patel SA, McDonald CL, Reid DBC, DiSilvestro KJ, Daniels AH, Rihn JA. Complications of Thoracolumbar Adult Spinal Deformity Surgery. *JBJS Rev*. 2020 May;8(5):e0214. doi: 10.2106/JBJS.RVW.19.00214. PMID: 32427777.

- 258: Yang DS, Li NY, Mariorenzi MC, Kleinhenz DT, Cohen EM, Daniels AH. Surgical Treatment of Patients With Dual Hip and Spinal Degenerative Disease: Effect of Surgical Sequence of Spinal Fusion and Total Hip Arthroplasty on Postoperative Complications. *Spine (Phila Pa 1976)*. 2020 May 15;45(10):E587-E593. doi: 10.1097/BRS.0000000000003351. PMID: 31809465.
- 259: Haglin JM, Pollock JR, Richter KR, Eltorai AEM, Haglin AJ, Daniels AH. Comment on "Toward Understanding Healthcare Value". *Ann Surg*. 2020 May 18. doi: 10.1097/SLA.0000000000003921. Epub ahead of print. PMID: 32427763.
- 260: DeFroda SF, Bokshan SL, Yang DS, Daniels AH, Owens BD. Trends in the Surgical Treatment of Articular Cartilage Lesions in the United States from 2007 to 2016. *J Knee Surg*. 2020 May 29. doi: 10.1055/s-0040-1712946. Epub ahead of print. PMID: 32483798.
- 261: Garcia D, Mayfield CK, Leong J, Deckey DG, Zega A, Glasser J, Daniels AH, Ebersson C, Green A, Born C. Early adherence and biofilm formation of *Cutibacterium acnes* (formerly *Propionibacterium acnes*) on spinal implant materials. *Spine J*. 2020 Jun;20(6):981-987. doi: 10.1016/j.spinee.2020.01.001. Epub 2020 Jan 20. PMID: 31972305.
- 262: Garcia DR, Deckey DG, Zega A, Mayfield C, Spake CSL, Emanuel T, Daniels A, Jarrell J, Glasser J, Born CT, Ebersson CP. Analysis of growth and biofilm formation of bacterial pathogens on frequently used spinal implant materials. *Spine Deform*. 2020 Jun;8(3):351-359. doi: 10.1007/s43390-020-00054-z. Epub 2020 Feb 24. PMID: 32096135.
- 263: Smith JS, Buell TJ, Shaffrey CI, Kim HJ, Klineberg E, Protosaltis T, Passias P, Mundis GM, Eastlack R, Deviren V, Kelly MP, Daniels AH, Gum JL, Soroceanu A, Gupta M, Burton D, Hostin R, Hart R, Lafage V, Lafage R, Schwab FJ, Bess S, Ames CP. Prospective multicenter assessment of complication rates associated with adult cervical deformity surgery in 133 patients with minimum 1-year follow-up. *J Neurosurg Spine*. 2020 Jun 19:1-13. doi: 10.3171/2020.4.SPINE20213. Epub ahead of print. PMID: 32559746.
- 264: Biron DR, Sinha I, Kleiner JE, Aluthge DP, Goodman AD, Sarkar IN, Cohen E, Daniels AH. A Novel Machine Learning Model Developed to Assist in Patient Selection for Outpatient Total Shoulder Arthroplasty. *J Am Acad Orthop Surg*. 2020 Jul 1;28(13):e580-e585. doi: 10.5435/JAAOS-D-19-00395. PMID: 31663914; PMCID: PMC7180108.
- 265: Lee DJ, Jung J, Daniels AH, Eltorai AEM. Analysis of musculoskeletal radiology fellowship websites. *Skeletal Radiol*. 2020 Jul;49(7):1149-1153. doi: 10.1007/s00256-020-03401-3. Epub 2020 Mar 2. PMID: 32123954.
- 266: Johnson JR, Babu JM, Durand WM, Eltorai AEM, Patel SA, Daniels AH. Recognition and Management of Emergent Spinal Pathology Among First-Line Providers. *Orthopedics*. 2020 Jul 1;43(4):e244-e250. doi: 10.3928/01477447-20200404-07. Epub 2020 Apr 12. PMID: 32271932.
- 267: Daniels AH, Reid DBC, Durand WM, Line B, Passias P, Kim HJ, Protosaltis T, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart RA; International Spine Study Group. Assessment of Patient Outcomes and Proximal Junctional Failure Rate of Patients with Adult Spinal Deformity Undergoing Caudal Extension of Previous Spinal Fusion. *World*

Neurosurg. 2020 Jul;139:e449-e454. doi: 10.1016/j.wneu.2020.04.024. Epub 2020 Apr 17. PMID: 32305603.

268: Daniels AH, Reid D, Durand W, Disilvestro K, Hamilton DK, Passias P, Kim HJ, Protopsaltis T, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart R; International Spine Study Group. Sexual Dysfunction Secondary to Lumbar Stiffness in Adult Spinal Deformity Patients Before and After Long-Segment Spinal Fusion. *World Neurosurg.* 2020 Jul;139:e474-e479. doi: 10.1016/j.wneu.2020.04.033. Epub 2020 Apr 18. PMID: 32311559.

269: Walker CT, Kim HJ, Park P, Lenke LG, Weller MA, Smith JS, Nemergut EC, Sciubba DM, Wang MY, Shaffrey C, Deviren V, Mummaneni PV, Chang JM, Mummaneni VP, Than KD, Berjano P, Eastlack RK, Mundis GM Jr, Kanter AS, Okonkwo DO, Shin JH, Lewis JM, Koski T, Hoh DJ, Glassman SD, Vinci SB, Daniels AH, Clavijo CF, Turner JD, McLawhorn M, Uribe JS. Neuroanesthesia Guidelines for Optimizing Transcranial Motor Evoked Potential Neuromonitoring During Deformity and Complex Spinal Surgery: A Delphi Consensus Study. *Spine (Phila Pa 1976).* 2020 Jul 1;45(13):911-920. doi: 10.1097/BRS.0000000000003433. PMID: 32539292.

270: Passias PG, Segreto FA, Bortz CA, Horn SR, Pierce KE, Naessig S, Brown AE, Jackson-Fowl B, Ahmad W, Oh C, Lafage V, Lafage R, Smith JS, Daniels AH, Line BG, Kim HJ, Uribe JS, Eastlack RK, Hamilton DK, Klineberg EO, Burton DC, Hart RAA, Schwab FJ, Shaffrey CI, Ames CP, Bess S; International Spine Study Group. Probability of severe frailty development among operative and nonoperative adult spinal deformity patients: an actuarial survivorship analysis over a 3-year period. *Spine J.* 2020 Aug;20(8):1276-1285. doi: 10.1016/j.spinee.2020.04.010. Epub 2020 Apr 20. PMID: 32320862.

271: Jain D, Durand W, Burch S, Daniels A, Berven S. Machine Learning for Predictive Modeling of 90-day Readmission, Major Medical Complication, and Discharge to a Facility in Patients Undergoing Long Segment Posterior Lumbar Spine Fusion. *Spine (Phila Pa 1976).* 2020 Aug 15;45(16):1151-1160. doi: 10.1097/BRS.0000000000003475. PMID: 32706568.

272: Durand WM, Daniels AH, Hamilton DK, Passias P, Kim HJ, Protopsaltis T, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart R; International Spine Study Group. Artificial Intelligence Models Predict Operative Versus Nonoperative Management of Patients with Adult Spinal Deformity with 86% Accuracy. *World Neurosurg.* 2020 Sep;141:e239-e253. doi: 10.1016/j.wneu.2020.05.099. Epub 2020 May 17. PMID: 32434029.

273: Panuganti PL, Hartnett DA, Eltorai AEM, Eltorai MI, Daniels AH. Colorectal Cancer Litigation: 1988-2018. *Am J Gastroenterol.* 2020 Sep;115(9):1525-1531. doi: 10.14309/ajg.0000000000000705. PMID: 32453040.

274: Durand WM, Daniels AH, Hamilton DK, Passias P, Kim HJ, Protopsaltis T, LaFage V, Smith JS, Shaffrey C, Gupta M, Kelly MP, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart R; International Spine Study Group (ISSG). The spino- pelvic ratio: a novel global sagittal parameter associated with clinical outcomes in adult spinal deformity patients. *Eur Spine J.* 2020 Sep;29(9):2354-2361. doi: 10.1007/s00586-020-06472-x. Epub 2020 Jun 1. PMID: 32488440.

- 275: Ahmed SA, Elnemer W, Eltorai AEM, Mariorenzi M, Daniels AH, Cohen EM. In- depth Analysis of Adult Reconstruction Fellowship Websites. *Orthopedics*. 2020 Sep 1;43(5):e447-e453. doi: 10.3928/01477447-20200721-10. Epub 2020 Aug 6. PMID: 32745222.
- 276: Reid DBC, Shah KN, Baum EJ, Daniels AH. Concussion: Mechanisms of Injury and Trends from 1997 to 2019. *R I Med J* (2013). 2020 Sep 1;103(7):71-75. PMID: 32872696.
- 277: Durand WM, Daniels AH. C4 root compression leads to phrenic nerve palsy with shortness of breath, chest pain, and elevated hemidiaphragm. *Lancet*. 2020 Oct 10;396(10257):1101. doi: 10.1016/S0140-6736(20)32027-4. PMID: 33038971.
- 278: Ogura Y, Gum JL, Soroceanu A, Daniels AH, Line B, Protopsaltis T, Hostin RA, Passias PG, Burton DC, Smith JS, Shaffrey CI, Lafage V, Lafage R, Klineberg EO, Kim HJ, Harris A, Kebaish K, Schwab F, Bess S, Ames CP, Carreon LY; International Spine Study Group (ISSG). Practical answers to frequently asked questions for shared decision-making in adult spinal deformity surgery. *J Neurosurg Spine*. 2020 Oct 16:1-10. doi: 10.3171/2020.6.SPINE20363. Epub ahead of print. PMID: 33065535.
- 279: DeFroda SF, Quinn M, Yang DS, Daniels AH, Owens BD. The effects of methylphenidate on stress fractures in patients' ages 10-29: a national database study. *Phys Sportsmed*. 2020 Nov;48(4):412-416. doi: 10.1080/00913847.2020.1725400. Epub 2020 Feb 13. PMID: 32013692.
- 280: Tang OY, Hartnett DA, Hays SB, Syed S, Daniels AH. Determinants of brain tumor malpractice litigation outcome and indemnity payments: a 29-year nationwide analysis. *Neurosurg Focus*. 2020 Nov;49(5):E21. doi: 10.3171/2020.8.FOCUS20601. PMID: 33130618.
- 281: Modest JM, Cruz AI Jr, Daniels AH, Lemme NJ, Ebersson CP. Applicant Fit and Diversity in the Orthopaedic Surgery Residency Selection Process: Defining and Melding to Create a More Diverse and Stronger Residency Program. *JB JS Open Access*. 2020 Nov 23;5(4):e20.00074. doi: 10.2106/JBJS.OA.20.00074. PMID: 33244508; PMCID: PMC7682980.
- 282: Kumar S, Khurana A, Haglin JM, Hidlay DT, Neville K, Daniels AH, Eltorai AEM. Trends in Diagnostic Imaging Medicare Reimbursements: 2007 to 2019. *J Am Coll Radiol*. 2020 Dec;17(12):1584-1590. doi: 10.1016/j.jacr.2020.07.003. Epub 2020 Jul 22. PMID: 32710841.
- 283: Patel SA, Li NY, Yang DS, Reid DBC, Disilvestro KJ, Babu JM, Kuris EO, Barrett T, Daniels AH. Patients Who Undergo Primary Lumbar Spine Fusion After Recent but Not Remote Total Hip Arthroplasty Are at Increased Risk for Complications, Revision Surgery, and Prolonged Opioid Use. *World Neurosurg*. 2020 Dec;144:e523-e532. doi: 10.1016/j.wneu.2020.08.210. Epub 2020 Sep 3. PMID: 32891851.
- 284: Buell TJ, Smith JS, Shaffrey CI, Kim HJ, Klineberg EO, Lafage V, Lafage R, Protopsaltis TS, Passias PG, Mundis GM, Eastlack RK, Deviren V, Kelly MP, Daniels AH, Gum JL, Soroceanu A, Hamilton DK, Gupta MC, Burton DC, Hostin RA, Kebaish KM, Hart RA, Schwab FJ, Bess S, Ames CP; International Spine Study Group (ISSG). Multicenter assessment of surgical outcomes in adult spinal deformity patients with severe global coronal malalignment: determination of target coronal realignment threshold. *J Neurosurg Spine*. 2020 Dec 4:1-14. doi: 10.3171/2020.7.SPINE20606. Epub ahead of print. PMID: 33276327.

- 285: Yang DS, Li NY, Kleinhenz DT, Patel S, Daniels AH. Risk of Postoperative Complications and Revision Surgery Following Robot-assisted Posterior Lumbar Spinal Fusion. *Spine (Phila Pa 1976)*. 2020 Dec 15;45(24):E1692-E1698. doi: 10.1097/BRS.0000000000003701. PMID: 32956252.
- 286: Passias PG, Pierce KE, Naessig S, Ahmad W, Passfall L, Lafage R, Lafage V, Kim HJ, Daniels A, Eastlack R, Klineberg E, Line B, Mummaneni P, Hart R, Burton D, Bess S, Schwab F, Shaffrey C, Smith JS, Ames CP; International Spine Study Group. At What Point Should the Thoracolumbar Region Be Addressed in Patients Undergoing Corrective Cervical Deformity Surgery? *Spine (Phila Pa 1976)*. 2021 Oct 15;46(20):E1113-E1118. doi: 10.1097/BRS.0000000000004045. PMID: 34559752.
- 287: Passias PG, Horn SR, Lafage V, Lafage R, Smith JS, Line BG, Protopsaltis TS, Soroceanu A, Bortz C, Segreto FA, Ahmad W, Naessig S, Pierce KE, Brown AE, Alas H, Kim HJ, Daniels AH, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. Effect of age-adjusted alignment goals and distal inclination angle on the fate of distal junctional kyphosis in cervical deformity surgery. *J Craniovertebr Junction Spine*. 2021 Jan-Mar;12(1):65-71. doi: 10.4103/jcvjs.JCVJS_170_20. Epub 2021 Mar 4. PMID: 33850384; PMCID: PMC8035585.
- 288: Ruddell JH, Reid DBC, Shah KN, Shapiro BH, Akelman E, Cohen EM, Daniels AH. Larger Initial Opioid Prescriptions Following Total Joint Arthroplasty Are Associated with Greater Risk of Prolonged Use. *J Bone Joint Surg Am*. 2021 Jan 20;103(2):106-114. doi: 10.2106/JBJS.20.00732. PMID: 33074953.
- 289: Milner JD, Hartnett DA, DeFroda SF, Slingsby BA, Silber ZS, Blackburn AZ, Daniels AH, Cruz AI Jr. Orthopedic manifestations of child abuse. *Pediatr Res*. 2021 Nov 24. doi: 10.1038/s41390-021-01850-7. Epub ahead of print. PMID: 34819655.
- 290: DiSilvestro KJ, Veeramani A, McDonald CL, Zhang AS, Kuris EO, Durand WM, Cohen EM, Daniels AH. Predicting Postoperative Mortality After Metastatic Intraspinous Neoplasm Excision: Development of a Machine-Learning Approach. *World Neurosurg*. 2021 Feb;146:e917-e924. doi: 10.1016/j.wneu.2020.11.037. Epub 2020 Nov 16. PMID: 33212282.
- 291: Garcia D, Gardezi M, Suliman Y, Glasser J, Spake CS, Barrett C, Berns E, Jenkins D, Evans A, Cohen E, Ebersson C, Hayda R, Daniels A, Green A, Owens B, Antoci V, Born CT. Fluorescent-conjugated antibodies as rapid ex vivo markers for bacterial presence on orthopedic surgical explants and synovium: A pilot study. *J Orthop Res*. 2021 Feb;39(2):299-307. doi: 10.1002/jor.24924. Epub 2020 Dec 2. PMID: 33225467.
- 292: Shah KN, Reid DBC, Ruddell JH, Shapiro BH, James P, Gil JA, Daniels AH, Akelman E. Is Opioid-Limiting Legislation Effective for Hand Surgery Patients? *Hand (N Y)*. 2021 Feb 3:1558944720988132. doi: 10.1177/1558944720988132. Epub ahead of print. PMID: 33530762.
- 293: Protopsaltis TS, Stekas N, Smith JS, Soroceanu A, Lafage R, Daniels AH, Kim HJ, Passias PG, Mundis GM, Klineberg EO, Hamilton DK, Gupta M, Lafage V, Hart RA, Schwab F, Burton DC, Bess S, Shaffrey CI, Ames CP. Surgical outcomes in rigid versus flexible cervical deformities. *J Neurosurg Spine*. 2021 Feb 12:1-9. doi: 10.3171/2020.8.SPINE191185. Epub ahead of print. PMID: 33578386.

- 294: Sciubba D, Jain A, Kebaish KM, Neuman BJ, Daniels AH, Passias PG, Kim HJ, Protopsaltis TS, Scheer JK, Smith JS, Hamilton K, Bess S, Klineberg EO, Ames CP; International Spine Study Group. Development of a Preoperative Adult Spinal Deformity Comorbidity Score That Correlates With Common Quality and Value Metrics: Length of Stay, Major Complications, and Patient-Reported Outcomes. *Global Spine J.* 2021 Mar;11(2):146-153. doi: 10.1177/2192568219894951. Epub 2019 Dec 26. PMID: 32875843; PMCID: PMC7882823.
- 295: Kuris EO, Kleuver M, Alsoof D, McDonald CL, Daniels AH. Health Care Professional Mental Health and Supporting the Second Victim - Can Organizations Across the World Do Better? *Am J Med.* 2022 Feb 4:S0002-9343(22)00088-2. doi: 10.1016/j.amjmed.2022.01.018. Epub ahead of print. PMID: 35131302.
- 296: Reid DBC, Shah KN, Lama CJ, Kosinski LR, Daniels AH, Ebersson CP. Parenthood Among Orthopedic Surgery Residents: Assessment of Resident and Program Director Perceptions on Training. *Orthopedics.* 2021 Mar-Apr;44(2):98-104. doi: 10.3928/01477447-20210201-08. Epub 2021 Feb 10. PMID: 33561867.
- 297: Patel SA, McDonald CL, Li NY, Babu JM, Daniels AH, Rihn JA. Understanding Health Economics in Spine Surgery. *JBSJ Rev.* 2021 Mar 5;9(3). doi: 10.2106/JBSJ.RVW.20.00124. PMID: 33667198.
- 298: Passias PG, Bortz C, Pierce KE, Kummer N, Lafage R, Diebo BG, Line BG, Lafage V, Burton DC, Klineberg EO, Kim HJ, Daniels AH, Mundis GM, Protopsaltis TS, Eastlack RK, Sciubba DM, Bess S, Schwab FJ, Shaffrey CI, Smith JS, Ames CP; International Spine Study Group (ISSG). Appropriate Risk Stratification and Accounting for Age-Adjusted Reciprocal Changes in the Thoracolumbar Spine Reduces the Incidence and Magnitude of Distal Junctional Kyphosis in Cervical Deformity Surgery. *Spine (Phila Pa 1976).* 2021 Mar 11. doi: 10.1097/BRS.0000000000004033. Epub ahead of print. PMID: 33710114.
- 299: Yang DS, Daniels AH. Letter to the Editor regarding: "Risk of Postoperative Complications and Revision Surgery Following Robot-assisted Posterior Lumbar Spinal Fusion" by Yang et al. *Spine (Phila Pa 1976).* 2021 Mar 15;46(6):E412. doi: 10.1097/BRS.0000000000003874. PMID: 33315781.
- 300: Lemme NJ, Yang DS, Barrow B, O'Donnell R, Daniels AH, Cruz AI Jr. Risk Factors for Failure After Anterior Cruciate Ligament Reconstruction in a Pediatric Population: A Prediction Algorithm. *Orthop J Sports Med.* 2021 Mar 24;9(3):2325967121991165. doi: 10.1177/2325967121991165. PMID: 34250165; PMCID: PMC8226238.
- 301: Passias PG, Pierce KE, Brown AE, Bortz CA, Alas H, Lafage R, Lafage V, Line B, Klineberg EO, Burton DC, Hart R, Daniels AH, Bess S, Diebo B, Protopsaltis T, Eastlack R, Shaffrey CI, Schwab FJ, Smith JS, Ames C, On Behalf Of The International Spine Study Group. Redefining cervical spine deformity classification through novel cutoffs: An assessment of the relationship between radiographic parameters and functional neurological outcomes. *J Craniovertebr Junction Spine.* 2021 Apr-Jun;12(2):157-164. doi: 10.4103/jcvjs.jcvjs_22_21. Epub 2021 Jun 10. PMID: 34194162; PMCID: PMC8214235.

- 302: Ruddell JH, DePasse JM, Tang OY, Daniels AH. Timing of Surgery for Thoracolumbar Spine Trauma: Patients With Neurological Injury. *Clin Spine Surg.* 2021 May 1;34(4):E229-E236. doi: 10.1097/BSD.0000000000001078. PMID: 33027090.
- 303: Tang OY, Ruddell JH, Hilliard RW, Schiffman FJ, Daniels AH. Improving the online presence of residency programs to ameliorate COVID-19's impact on residency applications. *Postgrad Med.* 2021 May;133(4):404-408. doi: 10.1080/00325481.2021.1874195. Epub 2021 Jan 27. PMID: 33412975.
- 304: Pierce KE, Passias PG, Brown AE, Bortz CA, Alas H, Lafage R, Lafage V, Ames C, Burton DC, Hart R, Hamilton K, Gum J, Scheer J, Daniels A, Bess S, Soroceanu A, Klineberg E, Shaffrey C, Line B, Schwab FA, Smith JS; International Spine Study Group (ISSG). Predictors of Superior Recovery Kinetics in Adult Cervical Deformity Correction: An Analysis Using a Novel Area Under the Curve Methodology. *Spine (Phila Pa 1976).* 2021 May 1;46(9):559-566. doi: 10.1097/BRS.0000000000003971. PMID: 33595260.
- 305: Hartnett DA, Milner JD, Kleinhenz DT, Kuris EO, Daniels AH. Malpractice Litigation Involving Chiropractic Spinal Manipulation. *World Neurosurg.* 2021 May;149:e108-e115. doi: 10.1016/j.wneu.2021.02.067. Epub 2021 Feb 23. PMID: 33631389.
- 306: Pierce KE, Passias PG, Daniels AH, Lafage R, Ahmad W, Naessig S, Lafage V, Protosaltis T, Eastlack R, Hart R, Burton D, Bess S, Schwab F, Shaffrey C, Smith JS, Ames C. Baseline Frailty Status Influences Recovery Patterns and Outcomes Following Alignment Correction of Cervical Deformity. *Neurosurgery.* 2021 May 13;88(6):1121-1127. doi: 10.1093/neuros/nyab039. PMID: 33611600.
- 307: Yang DS, Daniels AH. Response to Letter to the Editor "Spinal Navigation Is Not the Same as Robotic Assistance in Surgery". *Spine (Phila Pa 1976).* 2021 Jun 15;46(12):E701. doi: 10.1097/BRS.0000000000004056. PMID: 33826596.
- 308: Testa EJ, Haglin JM, Li NY, Moore ML, Gil JA, Daniels AH, Paxton ES. Temporal and Geographic Trends in Medicare Reimbursement of Primary and Revision Shoulder Arthroplasty: 2000 to 2020. *J Am Acad Orthop Surg.* 2021 Jun 18. doi: 10.5435/JAAOS-D-20-01369. Epub ahead of print. PMID: 34142979.
- 309: Garcia D, Gilmore A, Berns E, Spake C, Dockery DM, Vishwanath N, Glasser J, Antoci V, Daniels A, Born CT. Silver carboxylate and titanium dioxide- polydimethylsiloxane coating decreases adherence of multi-drug resistant *Serratia marcescens* on spinal implant materials. *Spine Deform.* 2021 Jun 25. doi: 10.1007/s43390-021-00380-w. Epub ahead of print. PMID: 34173223.
- 310: Yang DS, Glasser J, Lemme NJ, Quinn M, Daniels AH, Antoci V Jr. Increased Medical and Implant-Related Complications in Total Hip Arthroplasty Patients With Underlying Chronic Obstructive Pulmonary Disease. *J Arthroplasty.* 2021 Jul;36(7S):S277-S281.e2. doi: 10.1016/j.arth.2021.02.011. Epub 2021 Feb 10. PMID: 33674163.
- 311: Kuris EO, Veeramani A, McDonald CL, DiSilvestro KJ, Zhang AS, Cohen EM, Daniels AH. Predicting Readmission After Anterior, Posterior, and Posterior Interbody Lumbar Spinal Fusion: A Neural Network Machine Learning Approach. *World Neurosurg.* 2021 Jul;151:e19-e27. doi: 10.1016/j.wneu.2021.02.114. Epub 2021 Mar 18. PMID: 33744425.

312: Neuman BJ, Harris AB, Klineberg EO, Hostin RA, Protosaltis TS, Passias PG, Gum JL, Hart RA, Kelly MP, Daniels AH, Ames CP, Shaffrey CI, Kebaish KM; and the International Spine Study Group. Defining a Surgical Invasiveness Threshold for Increased Risk of a Major Complication Following Adult Spinal Deformity Surgery. *Spine (Phila Pa 1976)*. 2021 Jul 15;46(14):931-938. doi: 10.1097/BRS.0000000000003949. PMID: 34160371.

313: Daniels AH, Durand WM, Steinbaum AJ, Lafage R, Hamilton DK, Passias PG, Kim HJ, Protosaltis T, Lafage V, Smith JS, Shaffrey C, Gupta M, Klineberg EO, Schwab F, Gum JL, Mundis G, Eastlack R, Kebaish K, Soroceanu A, Hostin RA, Burton D, Bess S, Ames C, Hart RA; ISSG. Examination of Adult Spinal Deformity Patients Undergoing Surgery with Implanted Spinal Cord Stimulators and Intrathecal Pumps. *Spine (Phila Pa 1976)*. 2021 Jul 23. doi: 10.1097/BRS.0000000000004176. Epub ahead of print. PMID: 34310536.

314: Durand WM, Lafage R, Hamilton DK, Passias PG, Kim HJ, Protosaltis T, Lafage V, Smith JS, Shaffrey C, Gupta M, Kelly MP, Klineberg EO, Schwab F, Gum JL, Mundis G, Eastlack R, Kebaish K, Soroceanu A, Hostin RA, Burton D, Bess S, Ames C, Hart RA, Daniels AH; International Spine Study Group (ISSG). Artificial intelligence clustering of adult spinal deformity sagittal plane morphology predicts surgical characteristics, alignment, and outcomes. *Eur Spine J*. 2021 Aug;30(8):2157-2166. doi: 10.1007/s00586-021-06799-z. Epub 2021 Apr 15. PMID: 33856551.

315: Hogan WB, Del Re AM, Daniels AH. A Voice, Singing: Reflections on Losing a Colleague to Suicide. *R I Med J* (2013). 2021 Aug 2;104(6):68-69. PMID: 34323883.

316: Lemme NJ, Veeramani A, Yang DS, Tabaddor RR, Daniels AH, Cohen EM. Total Hip Arthroplasty After Hip Arthroscopy Has Increased Complications and Revision Risk. *J Arthroplasty*. 2021 Aug 4:S0883-5403(21)00639-2. doi: 10.1016/j.arth.2021.07.020. Epub ahead of print. PMID: 34456089.

317: Buell TJ, Shaffrey CI, Bess S, Kim HJ, Klineberg EO, Lafage V, Lafage R, Protosaltis TS, Passias PG, Mundis GM, Eastlack RK, Deviren V, Kelly MP, Daniels AH, Gum JL, Soroceanu A, Hamilton DK, Gupta MC, Burton DC, Hostin RA, Kebaish KM, Hart RA, Schwab FJ, Ames CP, Smith JS; International Spine Study Group. Multicenter assessment of outcomes and complications associated with transforaminal versus anterior lumbar interbody fusion for fractional curve correction. *J Neurosurg Spine*. 2021 Aug 20:1-14. doi: 10.3171/2020.11.SPINE201915. Epub ahead of print. PMID: 34416723.

318: Buell TJ, Shaffrey CI, Kim HJ, Klineberg EO, Lafage V, Lafage R, Protosaltis TS, Passias PG, Mundis GM, Eastlack RK, Deviren V, Kelly MP, Daniels AH, Gum JL, Soroceanu A, Hamilton DK, Gupta MC, Burton DC, Hostin RA, Kebaish KM, Hart RA, Schwab FJ, Bess S, Ames CP, Smith JS; International Spine Study Group (ISSG). Global coronal decompensation and adult spinal deformity surgery: comparison of upper-thoracic versus lower-thoracic proximal fixation for long fusions. *J Neurosurg Spine*. 2021 Aug 27:1-13. doi: 10.3171/2021.2.SPINE201938. Epub ahead of print. PMID: 34450577.

319: Kuris EO, McDonald CL, Palumbo MA, Daniels AH. Evaluation and management of Cauda Equina Syndrome. *Am J Med*. 2021 Aug 30:S0002-9343(21)00506-4. doi: 10.1016/j.amjmed.2021.07.021. Epub ahead of print. PMID: 34473966.

- 321: Zhang AS, Veeramani A, Quinn MS, Alsoof D, Kuris EO, Daniels AH. Machine Learning Prediction of Length of Stay in Adult Spinal Deformity Patients Undergoing Posterior Spine Fusion Surgery. *J Clin Med*. 2021 Sep 9;10(18):4074. doi: 10.3390/jcm10184074. PMID: 34575182; PMCID: PMC8471961.
- 322: Telfeian AE, Veeramani A, Zhang AS, Quinn MS, Daniels AH. Transforaminal 360° lumbar endoscopic foraminotomy in postfusion patients: technical note and case series. *J Neurosurg Spine*. 2021 Sep 10:1-7. doi: 10.3171/2021.3.SPINE21206. Epub ahead of print. PMID: 34507292.
- 323: Daniels AH, Durand WM, Lafage R, Zhang AS, Hamilton DK, Passias PG, Kim HJ, Protosaltis T, Lafage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart RA. Lateral Thoracolumbar Listhesis as an Independent Predictor of Disability in Adult Scoliosis Patients: Multivariable Assessment Before and After Surgical Realignment. *Neurosurgery*. 2021 Sep 11:nyab356. doi: 10.1093/neuros/nyab356. Epub ahead of print. PMID: 34510202.
- 324: Hogan WB, Daniels AH. Your Best Life: Preventing Physician Suicide. *Clin Orthop Relat Res*. 2021 Oct 1;479(10):2145-2147. doi: 10.1097/CORR.0000000000001941. PMID: 34424221; PMCID: PMC8445545.
- 325: Blackburn AZ, Chang HH, DiSilvestro K, Veeramani A, McDonald C, Zhang AS, Daniels A. Spinal Cord Stimulation via Percutaneous and Open Implantation: Systematic Review and Meta-Analysis Examining Complication Rates. *World Neurosurg*. 2021 Oct;154:132-143.e1. doi: 10.1016/j.wneu.2021.07.077. Epub 2021 Jul 31. PMID: 34343680.
- 326: Durand WM, Babu JM, Hamilton DK, Passias PG, Kim HJ, Protosaltis T, Lafage V, Lafage R, Smith JS, Shaffrey C, Gupta M, Kelly MP, Klineberg EO, Schwab F, Gum JL, Mundis G, Eastlack R, Kebaish K, Soroceanu A, Hostin RA, Burton D, Bess S, Ames C, Hart RA, Daniels AH; International Spine Study Group (ISSG). Adult Spinal Deformity Surgery Is Associated with Increased Productivity and Decreased Absenteeism From Work and School. *Spine (Phila Pa 1976)*. 2022 Feb 15;47(4):287-294. doi: 10.1097/BRS.0000000000004271. PMID: 34738986.
- 327: Etzel CM, Veeramani A, Zhang AS, McDonald CL, DiSilvestro KJ, Cohen EM, Daniels AH. Supervised Machine Learning for Predicting Length of Stay After Lumbar Arthrodesis: A Comprehensive Artificial Intelligence Approach. *J Am Acad Orthop Surg*. 2021 Dec 17. doi: 10.5435/JAAOS-D-21-00241. Epub ahead of print. PMID: 34928886.
- 328: Pierce KE, Passias PG, Brown AE, Bortz CA, Alas H, Lafage R, Krol O, Chou D, Burton DC, Line B, Klineberg E, Hart R, Gum J, Daniels A, Hamilton K, Bess S, Protosaltis T, Shaffrey C, Schwab FA, Smith JS, Lafage V, Ames C; International Spine Study Group. Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. *J Craniovertebr Junction Spine*. 2021 Jul-Sep;12(3):311-317. doi: 10.4103/jcvjs.jcvjs_26_21. Epub 2021 Sep 8. PMID: 34729000; PMCID: PMC8501814.
- 329: Alas H, Passias PG, Diebo BG, Brown AE, Pierce KE, Bortz C, Lafage R, Ames CP, Line B, Klineberg EO, Burton DC, Uribe JS, Kim HJ, Daniels AH, Bess S, Protosaltis T, Mundis GM, Shaffrey CI, Schwab FJ, Smith JS, Lafage V. Cervical deformity patients with baseline hyperlordosis or

- hyperkyphosis differ in surgical treatment and radiographic outcomes. *J Craniovertebr Junction Spine*. 2021 Jul-Sep;12(3):279-286. doi: 10.4103/jcvjs.jcvjs_29_21. Epub 2021 Sep 8. PMID: 34728995; PMCID: PMC8501813.
- 330: Hartnett DA, Zhang AS, Hogan WB, Daniels AH. Lymphatic Injury with Lymph Fistula After Anterior Lumbar Fusion Managed with Vacuum-Assisted Closure: A Case Report. *JBJS Case Connect*. 2021 Oct 20;11(4). doi: 10.2106/JBJS.CC.21.00352. PMID: 34669632.
- 331: Garcia DR, Berns EM, Spake CSL, Mayfield C, Dockery DM, Vishwanath N, Leong J, Glasser J, Barrett C, Green A, Antoci V, Daniels AH, Born CT. Silver carboxylate-doped titanium dioxide-polydimethylsiloxane coating decreases *Cutibacterium acnes* adherence and biofilm formation on polyether ether ketone. *Spine J*. 2021 Oct 16:S1529-9430(21)00950-5. doi: 10.1016/j.spinee.2021.09.011. Epub ahead of print. PMID: 34666180.
- 332: Buell TJ, Smith JS, Shaffrey CI, Kim HJ, Klineberg EO, Lafage V, Lafage R, Protopsaltis TS, Passias PG, Mundis GM, Eastlack RK, Deviren V, Kelly MP, Daniels AH, Gum JL, Soroceanu A, Hamilton DK, Gupta MC, Burton DC, Hostin RA, Kebaish KM, Hart RA, Schwab FJ, Bess S, Ames CP. Operative Treatment of Severe Scoliosis in Symptomatic Adults: Multicenter Assessment of Outcomes and Complications With Minimum 2-Year Follow-up. *Neurosurgery*. 2021 Nov 18;89(6):1012-1026. doi: 10.1093/neuros/nyab352. PMID: 34662889.
- 333: Hogan WB, Daniels AH. Orthopaedic Surgeon Burnout and Suicide: Social Isolation as a Driver of Self-Harm. *J Bone Joint Surg Am*. 2021 Oct 14. doi: 10.2106/JBJS.21.00657. Epub ahead of print. PMID: 34648475.
- 334: Kuris EO, Alsoof D, Osorio C, Daniels AH. Bowel and Bladder Care in Patients With Spinal Cord Injury. *J Am Acad Orthop Surg*. 2021 Dec 20. doi: 10.5435/JAAOS-D-21-00873. Epub ahead of print. PMID: 34932503.
- 336: Passias PG, Pierce KE, Naessig S, Ahmad W, Passfall L, Lafage R, Lafage V, Kim HJ, Daniels A, Eastlack R, Klineberg E, Line B, Mummaneni P, Hart R, Burton D, Bess S, Schwab F, Shaffrey C, Smith JS, Ames CP; International Spine Study Group. At What Point Should the Thoracolumbar Region Be Addressed in Patients Undergoing Corrective Cervical Deformity Surgery? *Spine (Phila Pa 1976)*. 2021 Oct 15;46(20):E1113-E1118. doi: 10.1097/BRS.0000000000004045. PMID: 34559752.
- 337: Lemme NJ, Glasser JL, Yang DS, Testa EJ, Daniels AH, Antoci V. Chronic Obstructive Pulmonary Disease Associated with Prolonged Opiate Use, Increased Short-Term Complications, and the Need for Revision Surgery following Total Knee Arthroplasty. *J Knee Surg*. 2021 Sep 16. doi: 10.1055/s-0041-1733883. Epub ahead of print. PMID: 34530476.
- 338: Kwok M, Zhang AS, DiSilvestro KJ, Younghein JA, Kuris EO, Daniels AH. Dual expandable interbody cage utilization for enhanced stability in vertebral column reconstruction following thoracolumbar corpectomy: A report of two cases. *N Am Spine Soc J*. 2021 Sep 29;8:100081. doi: 10.1016/j.xnsj.2021.100081. PMID: 35141646; PMCID: PMC8819912.
- 339: Hart RA, Daniels AH, Shah K, Amendola AA, Harner CD, Marsh LL, Kenter K, Hu S. Is It Time to Create Training Pathways Allowing Earlier Subspecialization within the "House of Orthopaedics"?:

AOA Critical Issues. *J Bone Joint Surg Am.* 2022 Feb 8. doi: 10.2106/JBJS.20.02166. Epub ahead of print. PMID: 35133994.

340: Veeramani A, Zhang AS, Blackburn AZ, Etzel CM, DiSilvestro KJ, McDonald CL, Daniels AH. An Artificial Intelligence Approach to Predicting Unplanned Intubation Following Anterior Cervical Discectomy and Fusion. *Global Spine J.* 2022 Feb 8:21925682211053593. doi: 10.1177/21925682211053593. Epub ahead of print. PMID: 35132907.

341: Zhang AS, Myers C, McDonald CL, Alsoof D, Anderson G, Daniels AH. Cervical Myelopathy: Diagnosis, Contemporary Treatment, and Outcomes. *Am J Med.* 2021 Nov 30:S0002-9343(21)00788-9. doi: 10.1016/j.amjmed.2021.11.007. Epub ahead of print. PMID: 34861202.

342: Durand WM, DiSilvestro KJ, Kim HJ, Hamilton DK, Lafage R, Passias PG, Protopsaltis TS, Lafage V, Smith JS, Shaffrey CI, Gupta MC, Klineberg EO, Schwab FJ, Gum JL, Mundis GM Jr, Eastlack RK, Kebaish KM, Soroceanu A, Hostin RA Jr, Burton DC, Bess S, Ames CP, Hart RA, Daniels AH; International Spine Study Group. Low-Density Pedicle Screw Constructs Are Associated With Lower Incidence of Proximal Junctional Failure in Adult Spinal Deformity Surgery. *Spine (Phila Pa 1976).* 2022 Jan 11. doi: 10.1097/BRS.0000000000004290. Epub ahead of print. PMID: 35019881.

343: Passias PG, Ahmad W, Kummer N, Lafage R, Lafage V, Kebaish K, Daniels A, Klineberg E, Soroceanu A, Gum J, Line B, Hart R, Burton D, Eastlack R, Jain A, Smith JS, Ames CP, Shaffrey C, Schwab F, Hostin R, Bess S; International Spine Study Group. Examination of the Economic Burden of Frailty in Patients With Adult Spinal Deformity Undergoing Surgical Intervention. *Neurosurgery.* 2022 Jan 1;90(1):148-153. doi: 10.1227/NEU.0000000000001756. PMID: 34982882.

344: Zhang AS, Berns EM, Hartnett DA, Kuris EO, Daniels AH. Indolent Infection After Lumbar Interbody Fusion: An Under-recognized Cause of Pseudarthrosis, Which Can Be Successfully Treated With Anterior Revision Fusion. *J Am Acad Orthop Surg Glob Res Rev.* 2022 Mar 2;6(3):e21.00259. doi: 10.5435/JAAOSGlobal-D-21-00259. PMID: 35266911; PMCID: PMC8893294.

345: Testa EJ, Yang D, Steflik MJ, Owens BD, Parada SA, Daniels AH, DeFroda S. Reverse Total Shoulder Arthroplasty in Patients Eighty Years of Age and Older : A National Database Analysis of Complications and Mortality. *J Shoulder Elbow Surg.* 2022 Mar 2:S1058-2746(22)00264-6. doi: 10.1016/j.jse.2022.01.146. Epub ahead of print. PMID: 35247576.

346: Kwok M, Zhang AS, DiSilvestro KJ, Younghein JA, Kuris EO, Daniels AH. Dual expandable interbody cage utilization for enhanced stability in vertebral column reconstruction following thoracolumbar corpectomy: A report of two cases. *N Am Spine Soc J.* 2021 Sep 29;8:100081. doi: 10.1016/j.xnsj.2021.100081. PMID: 35141646; PMCID: PMC8819912.

347: Kuris EO, Kleuver M, Alsoof D, McDonald CL, Daniels AH. Health Care Professional Mental Health and Supporting the Second Victim - Can Organizations Across the World Do Better? *Am J Med.* 2022 Feb 4:S0002-9343(22)00088-2. doi: 10.1016/j.amjmed.2022.01.018. Epub ahead of print. PMID: 35131302.

348. Daniels AH, McDonald CL, Basques BA, Kuris EO. Ossified Ligamentum Flavum: Epidemiology, Treatment, and Outcomes. *J Am Acad Orthop Surg.* 2022 Mar 15. doi: 10.5435/JAAOS-D-21-01253. Epub ahead of print. PMID: 35298441.
- 349: Alsoof D, Anderson G, McDonald CL, Basques B, Kuris E, Daniels AH. Diagnosis and Management of Vertebral Compression Fracture. *Am J Med.* 2022 Mar 17:S0002-9343(22)00192-9. doi: 10.1016/j.amjmed.2022.02.035. Epub ahead of print. PMID: 35307360.
- 350: Haglin JM, Zabat MA, Richter KR, McQuivey KS, Godzik J, Patel NP, Eltorai AEM, Daniels AH. Over 20 years of declining Medicare reimbursement for spine surgeons: a temporal and geographic analysis from 2000 to 2021. *J Neurosurg Spine.* 2022 Mar 25:1-8. doi: 10.3171/2022.2.SPINE211368. Epub ahead of print. PMID: 35334463.
- 351: Yang DS, McDonald CL, DiSilvestro KJ, Patel SA, Li NY, Cohen EM, Daniels AH. Risk of Dislocation and Revision following Primary Total Hip Arthroplasty in Patients with Prior Lumbar Fusion with Spinopelvic Fixation. *J Arthroplasty.* 2022 Mar 22:S0883-5403(22)00345-X. doi: 10.1016/j.arth.2022.03.061. Epub ahead of print. PMID: 35337945.
- 352: Johnson KG, Alsoof D, McDonald CL, Berreta RS, Cohen EM, Daniels AH. Malnutrition, Body Mass Index, and Associated Risk of Complications Following Posterior Lumbar Spine Fusion: A 3:1 Matched Cohort Analysis. *World Neurosurg.* 2022 Mar 25:S1878-8750(22)00356-4. doi: 10.1016/j.wneu.2022.03.065. Epub ahead of print. PMID: 35346884.
- 353: Alsoof D, McDonald CL, Kuris EO, Daniels AH. Machine Learning for the Orthopaedic Surgeon: Uses and Limitations. *J Bone Joint Surg Am.* 2022 Apr 5. doi: 10.2106/JBJS.21.01305. Epub ahead of print. PMID: 35383655.
354. Glasser JL, Patel SA, Li NY, Patel RA, Daniels AH, Antoci V. Understanding Health Economics in Joint Replacement Surgery. *Orthopedics.* 2022 Apr 6:1-10. doi: 10.3928/01477447-20220401-02. Epub ahead of print. PMID: 35394379.
355. DiSilvestro KJ, Bond D, Alsoof D, McDonald CL, Hartnett DA, Hogan WB, Veeramani A, Daniels AH. Preoperative Resilience and Early Postoperative Outcomes following Lumbar Spinal Fusion. *World Neurosurg.* 2022 Apr 12:S1878-8750(22)00468-5. doi: 10.1016/j.wneu.2022.04.030. Epub ahead of print. PMID: 35427792.
356. Daniels AH, McDonald CL, Basques BA, Hershman SH. Perioperative Management of Spinal Cord Stimulators and Intrathecal Pain Pumps. *J Am Acad Orthop Surg.* 2022 Apr 18. doi: 10.5435/JAAOS-D-22-00053. Epub ahead of print. PMID: 35439220.
357. Alshabab BS, Lafage R, Smith JS, Kim HJ, Mundis G, Klineberg E, Shaffrey C, Daniels A, Ames C, Gupta M, Burton D, Hostin R, Bess S, Schwab F, Lafage V; International Spine Study Group ISSG. Evolution of Proximal Junctional Kyphosis and Proximal Junctional Failure Rates over 10-years of Enrollment in a Prospective Multicenter Adult Spinal Deformity Database. *Spine (Phila Pa 1976).* 2022 Apr 21. doi: 10.1097/BRS.0000000000004364. Epub ahead of print. PMID: 35472089.

358. Elias E, Bess S, Line B, Lafage V, Lafage R, Klineberg E, Kim HJ, Passias PG, Nasser Z, Gum JL, Kebaish K, Eastlack R, Daniels AH, Mundis G, Hostin R, Protopsaltis TS, Soroceanu A, Hamilton DK, Kelly MP, Gupta M, Hart R, Schwab FJ, Burton D, Ames CP, Shaffrey CI, Smith JS; International Spine Study Group. Outcomes of operative treatment for adult spinal deformity: a prospective multicenter assessment with mean 4-year follow-up. *J Neurosurg Spine*. 2022 Apr 29;1-10. doi: 10.3171/2022.3.SPINE2295. Epub ahead of print. PMID: 35535835.
359. McDonald CL, Daniels AH, Anderson GA, Alsoof D, Kuris EO. Traumatic Cervical Facet Fractures and Dislocations. *JBJS Rev*. 2022 May 1;10(5). doi: 10.2106/JBJS.RVW.22.00023. PMID: 35536995.
360. Hogan WB, Philips A, Alsoof D, McDonald CL, Anderson G, Zhang AS, Daniels AH. Kyphoplasty and Vertebroplasty Performed by Surgeons versus Non-surgeons: Trends in Procedure Rates, Complications, and Revisions. *World Neurosurg*. 2022 May 9:S1878-8750(22)00592-7. doi: 10.1016/j.wneu.2022.05.004. Epub ahead of print. PMID: 35552034.
361. Alsoof D, Johnson K, Kutschke M, McDonald CL, Klinge P, Daniels AH. Management of patients with cervical myelopathy and normal pressure hydrocephalus: Epidemiology, medical and surgical complications. *Clin Neurol Neurosurg*. 2022 Apr 30;218:107269. doi: 10.1016/j.clineuro.2022.107269. Epub ahead of print. PMID: 35576780.
362. McDonald CL, Hershman SH, Hogan W, Alsoof D, DiSilvestro KJ, Zhang AS, Kuris EO, Daniels AH. Cervical Laminoplasty Versus Posterior Laminectomy and Fusion: Trends in Utilization and Evaluation of Complication and Revision Surgery Rates. *J Am Acad Orthop Surg*. 2022 May 30. doi: 10.5435/JAAOS-D-22-00106. Epub ahead of print. PMID: 35640093.
363. Hartnett DA, Yang DS, Lama CJ, McDonald CL, Daniels AH, Blankenhorn BD. YouTube as a Source of Patient Information for Ankle Arthroplasty: Quantitative Analysis of Video Reliability, Quality, and Content. *Foot Ankle Spec*. 2022 Jun 13:19386400221097567. doi: 10.1177/19386400221097567. Epub ahead of print. PMID: 35695479.
364. Anderson GM, Osorio C, Berns EM, Masood U, Alsoof D, McDonald CL, Zhang AS, Younghein JA, Kuris EO, Telfeian A, Daniels AH. Antibiotic Cement Utilization for the Prophylaxis and Treatment of Infections in Spine Surgery: Basic Science Principles and Rationale for Clinical Use. *J Clin Med*. 2022 Jun 17;11(12):3481. doi: 10.3390/jcm11123481. PMID: 35743551; PMCID: PMC9224689.
365. Hartnett DA, Lama CJ, Garcia-Lopez E, Daniels AH, Richardson DR. Volume and Variability of Foot and Ankle Case Exposure During Orthopaedic Residency: 2014-2019. *Foot Ankle Spec*. 2022 Jun 30:19386400221106889. doi: 10.1177/19386400221106889. Epub ahead of print. PMID: 35773780.
366. Jack AS, Hayman E, Pierre C, Ramey WL, Witiw CD, Oskouian RJ, Daniels AH, Pugley A, Hamilton DK, Ames CP, Chapman JR, Ghogawala Z, Hart RA. Cervical Spine Research Society - Cervical Stiffness Disability Index (CSRS-CSDI): Validation of a Novel Scoring System Quantifying the Effect of Post-Arthrodesis Cervical Stiffness on Patient Quality of Life. *Spine (Phila Pa 1976)*. 2022 Jul 1. doi: 10.1097/BRS.0000000000004402. Epub ahead of print. PMID: 35797641.

367. Passias PG, Krol O, Moattari K, Williamson TK, Lafage V, Lafage R, Kim HJ, Daniels A, Diebo B, Protopsaltis T, Mundis G, Kebaish K, Soroceanu A, Scheer J, Hamilton DK, Klineberg E, Schoenfeld AJ, Vira S, Line B, Hart R, Burton DC, Schwab FA, Shaffrey C, Bess S, Smith JS, Ames CP; International Spine Study Group. Evolution of Adult Cervical Deformity Surgery Clinical and Radiographic Outcomes Based on a Multicenter Prospective Study: Are Behaviors and Outcomes Changing with Experience? *Spine (Phila Pa 1976)*. 2022 Jul 1. doi: 10.1097/BRS.0000000000004419. Epub ahead of print. PMID: 35797645.
368. Passias PG, Kummer N, Williamson TK, Ahmad W, Lebovic J, Lafage V, Lafage R, Kim HJ, Daniels AH, Gum JL, Diebo BG, Gupta MC, Soroceanu A, Scheer JK, Hamilton DK, Klineberg EO, Line B, Schoenfeld AJ, Hart RA, Burton DC, Eastlack RK, Mundis GM Jr, Mummaneni P, Chou D, Park P, Schwab FJ, Shaffrey CI, Bess S, Ames CP, Smith JS; International Spine Study Group. The Additional Economic Burden of Frailty in Adult Cervical Deformity Patients Undergoing Surgical Intervention. *Spine (Phila Pa 1976)*. 2022 Jul 1. doi: 10.1097/BRS.0000000000004407. Epub ahead of print. PMID: 35797658.
369. Yang DS, Lemme NJ, Glasser J, Daniels AH, Antoci V. The Effect of Early versus Late Manipulation Under Anesthesia on Opioid Use, Surgical Complications, and Revision Following Total Knee Arthroplasty. *J Knee Surg*. 2022 Jul 11. doi: 10.1055/s-0042-1749607. Epub ahead of print. PMID: 35817059.
370. Eastlack RK, Soroceanu A, Mundis GM Jr, Daniels AH, Smith JS, Line B, Passias P, Nunley PD, Okonkwo DO, Than KD, Uribe J, Mummaneni PV, Chou D, Shaffrey CI, Bess S; International Spine Study Group. Rates of Loosening, Failure, and Revision of Iliac Fixation in Adult Deformity Surgery. *Spine (Phila Pa 1976)*. 2022 Jul 15;47(14):986-994. doi: 10.1097/BRS.0000000000004356. Epub 2022 Jul 15. PMID: 35819333.
371. Alsoof D, Perry J, Yang DS, Zhang AS, McDonald CL, Kuris EO, Daniels AH. Risk of Dysphagia and Dysphonia in Patients With Prior Thyroidectomy Undergoing Anterior Cervical Discectomy and Fusion. *Global Spine J*. 2022 Jul 14;21925682221111095. doi: 10.1177/21925682221111095. Epub ahead of print. PMID: 35835538.
372. Passias PG, Naessig S, Sagoo N, Passfall L, Ahmad W, Lafage R, Lafage V, Vira S, Schoenfeld AJ, Oh C, Protopsaltis T, Kim HJ, Daniels A, Hart R, Burton D, Klineberg EO, Bess S, Schwab F, Shaffrey C, Ames CP, Smith JS; International Spine Study Group. Establishment of an Individualized Distal Junctional Kyphosis Risk Index following the Surgical Treatment of Adult Cervical Deformities. *Spine (Phila Pa 1976)*. 2022 Jul 14. doi: 10.1097/BRS.0000000000004372. Epub ahead of print. PMID: 35853172.
373. Elias E, Bess S, Line BG, Lafage V, Lafage R, Klineberg E, Kim HJ, Passias P, Nasser Z, Gum JL, Kebaish K, Eastlack R, Daniels AH, Mundis G, Hostin R, Protopsaltis TS, Soroceanu A, Hamilton DK, Kelly MP, Gupta M, Hart R, Schwab FJ, Burton D, Ames CP, Shaffrey CI, Smith JS; International Spine Study Group. Operative treatment outcomes for adult cervical deformity: a prospective multicenter assessment with mean 3-year follow-up. *J Neurosurg Spine*. 2022 Jul 22:1-10. doi: 10.3171/2022.6.SPINE22422. Epub ahead of print. PMID: 35901674.

374. Alsoof D, McDonald CL, Kooor M, Diebo BG, Kuris EO, Antoci V, Daniels AH. Does fusion length matter? Total hip arthroplasty dislocation after extension of lumbosacral fusion: a case report. *Spine Deform.* 2022 Aug 3. doi: 10.1007/s43390-022-00563-z. Epub ahead of print. PMID: 35921039.
375. Hartnett DA, Philips AP, Daniels AH, Blankenhorn BD. Readability of Online Foot and Ankle Surgery Patient Education Materials. *Foot Ankle Spec.* 2022 Aug 8:19386400221116463. doi: 10.1177/19386400221116463. Epub ahead of print. PMID: 35934974.
376. Passias PG, Krol O, Passfall L, Lafage V, Lafage R, Smith JS, Line B, Vira S, Daniels AH, Diebo B, Schoenfeld AJ, Gum J, Kebaish K, Than K, Kim HJ, Hostin R, Gupta M, Eastlack R, Burton D, Schwab FJ, Shaffrey C, Klineberg EO, Bess S; International Spine Study Group. Three-Column Osteotomy in Adult Spinal Deformity: An Analysis of Temporal Trends in Usage and Outcomes. *J Bone Joint Surg Am.* 2022 Aug 18. doi: 10.2106/JBJS.21.01172. Epub ahead of print. PMID: 35983998.
377. Passias PG, Krol O, Passfall L, Lafage V, Lafage R, Smith JS, Line B, Vira S, Daniels AH, Diebo B, Schoenfeld AJ, Gum J, Kebaish K, Than K, Kim HJ, Hostin R, Gupta M, Eastlack R, Burton D, Schwab FJ, Shaffrey C, Klineberg EO, Bess S; International Spine Study Group. Three-Column Osteotomy in Adult Spinal Deformity: An Analysis of Temporal Trends in Usage and Outcomes. *J Bone Joint Surg Am.* 2022 Aug 18. doi: 10.2106/JBJS.21.01172. Epub ahead of print. PMID: 35983998.
378. Durand WM, Daniels AH, DiSilvestro K, Lafage R, Diebo BG, Passias PG, Kim HJ, Protopsaltis T, Lafage V, Smith JS, Shaffrey CI, Gupta MC, Klineberg EO, Schwab F, Gum JL, Mundis GM, Eastlack RK, Kebaish K, Soroceanu A, Hostin RA, Burton D, Bess S, Ames CP, Hart RA, Hamilton DK; International Spine Study Group. Patient satisfaction after multiple revision surgeries for adult spinal deformity. *J Neurosurg Spine.* 2022 Aug 26:1-9. doi: 10.3171/2022.6.SPINE2273. Epub ahead of print. PMID: 36029263.
379. Alsoof D, Anderson G, DiSilvestro KJ, McDonald CL, Kuris EO, Daniels AH. Diffuse Spinal Hyperostosis Causing Severe Spinal Stenosis and Thoracic Myelopathy. *Orthop Rev (Pavia).* 2022 Aug 25;14(3):37832. doi: 10.52965/001c.37832. PMID: 36034721; PMCID: PMC9404251.
380. Lee DJ, Ahmed SA, Tang OY, Yang DS, Alsoof D, McDonald CL, Eltorai AEM, Daniels AH. Comparative Effectiveness of Sacroiliac Belt versus Lumbar Orthosis Utilization on Nonspecific Low Back Pain: a Crossover Randomized Clinical Trial. *Orthop Rev (Pavia).* 2022 Aug 25;14(3):37471. doi: 10.52965/001c.37471. PMID: 36034730; PMCID: PMC9404270.
381. Alsoof D, Daniels AH. The Reply. *Am J Med.* 2022 Sep;135(9):e373. doi: 10.1016/j.amjmed.2022.04.028. PMID: 36038222.
382. Albright JA, Testa EJ, Meghani O, Chang K, Daniels AH, Barrett TJ. Increased Risk of Hospital Readmissions and Implant-Related Complications in Patients Who Had a Recent History of Fragility Fracture: A Matched Cohort Analysis. *J Arthroplasty.* 2022 Aug 31:S0883-5403(22)00818-X. doi: 10.1016/j.arth.2022.08.036. Epub ahead of print. PMID: 36055439.
383. Passias PG, Krol O, Williamson TK, Lafage V, Lafage R, Smith JS, Line B, Vira S, Lipa S, Daniels A, Diebo B, Schoenfeld A, Gum J, Kebaish K, Park P, Mundis G, Hostin R, Gupta M, Eastlack R, Anand N, Ames C, Hart R, Burton D, Schwab FJ, Shaffrey C, Klineberg E, Bess S; International

Spine Study Group. The Benefit of Addressing Malalignment In Revision Surgery for Proximal Junctional Kyphosis Following ASD Surgery. *Spine (Phila Pa 1976)*. 2022 Sep 8. doi: 10.1097/BRS.0000000000004476. Epub ahead of print. PMID: 36083599.

384. Passias PG, Kummer N, Williamson TK, Moattari K, Lafage V, Lafage R, Kim HJ, Daniels AH, Gum JL, Diebo BG, Protopsaltis TS, Mundis GM Jr, Eastlack RK, Soroceanu A, Scheer JK, Hamilton DK, Klineberg EO, Line B, Hart RA, Burton DC, Mummaneni P, Chou D, Park P, Schwab FJ, Shaffrey CI, Bess S, Ames CP, Smith JS; International Spine Study Group. Highest Achievable Outcomes for Patients Undergoing Cervical Deformity Corrective Surgery by Frailty. *Neurosurgery*. 2022 Nov 1;91(5):693-700. doi: 10.1227/neu.0000000000002091. Epub 2022 Sep 9. PMID: 36084195.

385. Passias PG, Pierce KE, Williamson TK, Krol O, Lafage R, Lafage V, Schoenfeld AJ, Protopsaltis TS, Vira S, Line B, Diebo BG, Ames CP, Kim HJ, Smith JS, Chou D, Daniels AH, Gum JL, Shaffrey CI, Burton DC, Kelly MP, Klineberg EO, Hart RA, Bess S, Schwab FJ, Gupta MC; International Spine Study Group. Pelvic Non-Response Following Treatment of Adult Spinal Deformity: Influence of Realignment Strategies on Occurrence. *Spine (Phila Pa 1976)*. 2022 Sep 14. doi: 10.1097/BRS.0000000000004464. Epub ahead of print. PMID: 36102572.

386. Hogan WB, Anderson G, Kovoov M, Alsoof D, McDonald CL, Zhang AS, Kuris EO, Johnson JP, Daniels AH. Phantom limb syndrome: Assessment of psychiatric and medical comorbidities associated with Phantom pain in 44,028 below knee amputees. *Injury*. 2022 Sep 13:S0020-1383(22)00670-2. doi: 10.1016/j.injury.2022.09.018. Epub ahead of print. PMID: 36163201.

387. McDonald CL, Alsoof D, Daniels AH. Vertebral Compression Fractures. *R I Med J (2013)*. 2022 Oct 3;105(8):40-45. PMID: 36173908.

388. Green A, Daniels A. Re: "Malpractice Against Shoulder Surgeons What the Data Says". *J Shoulder Elbow Surg*. 2022 Sep 29:S1058-2746(22)00722-4. doi: 10.1016/j.jse.2022.08.012. Epub ahead of print. PMID: 36183894.

389. Passias PG, Kummer N, Imbo B, Lafage V, Lafage R, Smith JS, Line B, Vira S, Schoenfeld AJ, Gum JL, Daniels AH, Klineberg EO, Gupta MC, Kebaish KM, Jain A, Neuman BJ, Chou D, Carreon LY, Hart RA, Burton DC, Shaffrey CI, Ames CP, Schwab FJ, Hostin RA Jr, Bess S; International Spine Study Group. Improvements in Outcomes and Cost after Adult Spinal Deformity Corrective Surgery between 2008 and 2019. *Spine (Phila Pa 1976)*. 2022 Sep 27. doi: 10.1097/BRS.0000000000004474. Epub ahead of print. PMID: 36191021.

390. Passias PG, Williamson TK, Krol O, Tretiakov P, Joujon-Roche R, Imbo B, Ahmad S, Bennett-Caso C, Owusu-Sarpong S, Lebovic J, Robertson D, Vira S, Dhillon E, Schoenfeld AJ, Janjua MB, Raman T, Protopsaltis T, Maglaras C, O'Connell B, Daniels AH, Paulino C, Diebo BG, Smith JS, Schwab FJ, Lafage R, Lafage V. Should Global Realignment Be Tailored to Frailty Status for Patients Undergoing Surgical Intervention for Adult Spinal Deformity? *Spine (Phila Pa 1976)*. 2022 Oct 3. doi: 10.1097/BRS.0000000000004501. Epub ahead of print. PMID: 36191091.

391. Alsoof D, Daniels AH. In Reply to the Letter to the Editor Regarding "Malnutrition, Body Mass Index, and Associated Risk of Complications After Posterior Lumbar Spine Fusion: A 3:1 Matched

Cohort Analysis". *World Neurosurg.* 2022 Oct;166:305. doi: 10.1016/j.wneu.2022.07.130. PMID: 36192861.

392. Kuris EO, Anderson GM, Osorio C, Basques B, Alsoof D, Daniels AH. Development of a Robotic Spine Surgery Program: Rationale, Strategy, Challenges, and Monitoring of Outcomes After Implementation. *J Bone Joint Surg Am.* 2022 Oct 5;104(19):e83. doi: 10.2106/JBJS.22.00022. Epub 2022 May 4. PMID: 36197328.

393. Neuman BJ, Wang KY, Harris AB, Raad M, Hostin RA, Protopsaltis TS, Ames CP, Passias PG, Gupta MC, Klineberg EO, Hart R, Bess S, Kebaish KM; International Spine Study Group. Return to work after adult spinal deformity surgery. *Spine Deform.* 2022 Oct 11. doi: 10.1007/s43390-022-00552-2. Epub ahead of print. PMID: 36219391.

394. Johnson K, Clegg S, Alsoof D, Daniels AH, Deren ME, Cohen EM. Prostate Cancer History and Total Hip Arthroplasty: A Matched Cohort Analysis Investigating Venous Thromboembolism and Anticoagulation. *Arthroplast Today.* 2022 Sep 20;17:198-204.e2. doi: 10.1016/j.artd.2022.07.020. PMID: 36254211; PMCID: PMC9568672.

395. Alsoof D, Balmaceno-Criss M, Kovoov M, Casey J, Johnson K, McDonald CL, Diebo BG, Kuris EO, Daniels AH. Does Research Training lead to Academic Success in Orthopedic Surgery? An Analysis of U.S Academic Orthopedic Surgeons. *Orthop Rev (Pavia).* 2022 Oct 12;14(4):38655. doi: 10.52965/001c.38655. PMID: 36263194; PMCID: PMC9560893.

396. Passias PG, Alas H, Kummer N, Tretiakov P, Diebo BG, Lafage R, Ames CP, Line B, Klineberg EO, Burton DC, Uribe JS, Kim HJ, Daniels AH, Bess S, Protopsaltis T, Mundis GM, Shaffrey CI, Schwab FJ, Smith JS, Lafage V, International Spine Study Group. Cervical deformity patients with baseline hyperlordosis or hyperkyphosis differ in surgical treatment and radiographic outcomes. *J Craniovertebr Junction Spine.* 2022 Jul-Sep;13(3):271-277. doi: 10.4103/jcvjs.jcvjs_66_21. Epub 2022 Sep 14. PMID: 36263336; PMCID: PMC9574121.

397. Albright JA, Chang K, Alsoof D, McDonald CL, Diebo BG, Daniels AH. Sarcopenia and Postoperative Complications, Cost of Care, and All-Cause Hospital Readmission Following Lumbar Spine Arthrodesis: A Propensity Matched Cohort Study. *World Neurosurg.* 2022 Oct 25:S1878-8750(22)01498-X. doi: 10.1016/j.wneu.2022.10.077. Epub ahead of print. PMID: 36307038.

398. Zhang A, Khatri S, Balmaceno-Criss M, Alsoof D, Daniels AH. Medical optimization of osteoporosis for adult spinal deformity surgery: a state-of-the-art evidence-based review of current pharmacotherapy. *Spine Deform.* 2022 Dec 1. doi: 10.1007/s43390-022-00621-6. Epub ahead of print. PMID: 36454531.

399. Alsoof D, Johnson K, McDonald CL, Daniels AH, Cohen EM. Body Mass Index and Risk of Complications After Posterior Lumbar Spine Fusion: A Matched Cohort Analysis Investigating Underweight and Obese Patients. *J Am Acad Orthop Surg.* 2022 Dec 13. doi: 10.5435/JAAOS-D-22-00667. Epub ahead of print. PMID: 36525561.

400. Diebo BG, Scheer R, Rompala A, Veenema RJ, Shah NV, Beyer GA, Celiker P, Eldib H, Passfall L, Krol O, Dubner MG, Lafage R, Challier V, Passias PG, Schwab FJ, Lafage V, Daniels AH, Paulino

CB. The Impact of Osteoporosis on 2-Year Outcomes in Patients Undergoing Long Cervical Fusion. *J Am Acad Orthop Surg.* 2023 Jan 1;31(1):e44-e50. doi: 10.5435/JAAOS-D-22-00361. PMID: 36548156.

401. Albright JA, Rebello E, Chang K, Testa EJ, Daniels AH, Katarincic JA. Delayed Scaphoid Fracture Union in Patients With Comorbid Psychiatric Diagnoses: A Retrospective Analysis of 20 340 Patients. *Hand (N Y).* 2022 Dec 23:15589447221142894. doi: 10.1177/15589447221142894. Epub ahead of print. PMID: 36564977.

402. Albright JA, Meghani O, Rebello E, Karim O, Testa EJ, Daniels AH, Cruz AI. A Comparison of the Rates of Postoperative Infection Following Distal Radius Fixation Between Pediatric and Young Adult Populations: An Analysis of 32 368 Patients. *Hand (N Y).* 2022 Dec 23:15589447221142896. doi: 10.1177/15589447221142896. Epub ahead of print. PMID: 36564988.

403. McDonald CL, Berreta RS, Alsoof D, Anderson G, Kutschke MJ, Diebo BG, Kuris EO, Daniels AH. Three-Column Osteotomy for Frail Versus Nonfrail Patients with Adult Spinal Deformity: Assessment of Medical and Surgical Complications, Revision Surgery Rates, and Cost. *World Neurosurg.* 2022 Dec 23:S1878-8750(22)01795-8. doi: 10.1016/j.wneu.2022.12.089. Epub ahead of print. PMID: 36572242.

404. Testa EJ, Albright JA, Lemme NJ, Molla V, McCrae B, Daniels AH, Paxton ES. Increased Risk of Periprosthetic Fractures and Revision Arthroplasty in Patients Undergoing Shoulder Arthroplasty With a History of Prior Fragility Fractures: A Matched Cohort Analysis. *J Am Acad Orthop Surg.* 2023 Jan 24. doi: 10.5435/JAAOS-D-22-00752. Epub ahead of print. PMID: 36696566.

405. Kuris EO, Anderson GM, Alsoof D, Osorio C, Stone B, Basques B, Daniels AH. Robotic Spine Surgery in Rhode Island. *R I Med J (2013).* 2023 Feb 1;106(1):58-62. PMID: 36706211.

406. Casey JC, Daniels AH. CORR Synthesis: How Have Film Review and Motion Analysis Been Used to Enhance Orthopaedic Surgical Performance? *Clin Orthop Relat Res.* 2023 Jan 31. doi: 10.1097/CORR.0000000000002506. Epub ahead of print. PMID: 36719752.

407. Berns EM, Reid DBC, Anderson GM, Alsoof D, Shapiro B, Zhang AS, Daniels AH. Analysis of Patients' Online Reviews of Orthopaedic Surgeons. *J Am Acad Orthop Surg Glob Res Rev.* 2022 Oct 18;6(10):e22.00074. doi: 10.5435/JAAOSGlobal-D-22-00074. PMID: 36734653; PMCID: PMC9584189.

408. Testa EJ, Albright JA, Hartnett D, Lemme NJ, Daniels AH, Owens BD, Arcand M. The Relationship Between Testosterone Therapy and Rotator Cuff Tears, Repairs, and Revision Repairs. *J Am Acad Orthop Surg.* 2023 Feb 3. doi: 10.5435/JAAOS-D-22-00554. Epub ahead of print. PMID: 36745691.

409: McDonald CL, Alsoof D, Johnson KG, Kuczarski A, Lemme NJ, Testa EJ, Daniels AH, Cohen EM. Underweight Patients are at Increased Risk for Complications following Total Hip Arthroplasty. *J Arthroplasty.* 2023 Feb 9:S0883-5403(23)00097-9. doi: 10.1016/j.arth.2023.02.008. Epub ahead of print. PMID: 36773656.

- 410: Lafage R, Fourman MS, Smith JS, Bess S, Shaffrey CI, Kim HJ, Kebaish KM, Burton DC, Hostin R, Passias PG, Protosaltis TS, Daniels AH, Klineberg EO, Gupta MC, Kelly MP, Lenke LG, Schwab FJ, Lafage V; International Spine Study Group. Can unsupervised cluster analysis identify patterns of complex adult spinal deformity with distinct perioperative outcomes? *J Neurosurg Spine*. 2023 Feb 17:1-11. doi: 10.3171/2023.1.SPINE221095. Epub ahead of print. PMID: 36806173.
- 411: Smith JS, Elias E, Sursal T, Line B, Lafage V, Lafage R, Klineberg E, Kim HJ, Passias P, Nasser Z, Gum JL, Eastlack R, Daniels A, Mundis G, Hostin R, Protosaltis TS, Soroceanu A, Hamilton DK, Kelly MP, Lewis SJ, Gupta M, Schwab FJ, Burton D, Ames CP, Lenke LG, Shaffrey CI, Bess S; International Spine Study Group. How Good Are Surgeons at Achieving Their Preoperative Goal Sagittal Alignment Following Adult Deformity Surgery? *Global Spine J*. 2023 Feb 23:21925682231161304. doi: 10.1177/21925682231161304. Epub ahead of print. PMID: 36821516.
- 412: Hartnett DA, Philips AP, Daniels AH, Blankenhorn BD. Readability and quality of online information on total ankle arthroplasty. *Foot (Edinb)*. 2023 Mar;54:101985. doi: 10.1016/j.foot.2023.101985. Epub 2023 Feb 21. PMID: 36827889.
- 413: Chang K, Albright JA, Testa EJ, Balboni AB, Daniels AH, Cohen E. Sarcopenia Is Associated with an Increased Risk of Postoperative Complications Following Total Hip Arthroplasty for Osteoarthritis. *Biology (Basel)*. 2023 Feb 13;12(2):295. doi: 10.3390/biology12020295. PMID: 36829571; PMCID: PMC9953618.
- 414: Diebo BG, Koo M, Alsoof D, Beyer GA, Rompala A, Balmaceno-Criss M, Mai DH, Segreto FA, Shah NV, Lafage R, Passias PG, Aaron RK, Daniels AH, Paulino CB, Schwab FJ, Lafage V. Metabolic Bone Disorders Are Predictors for 2-year Adverse Outcomes in Patients Undergoing 2-3 Level Anterior Cervical Discectomy and Fusion for Cervical Radiculopathy or Myelopathy. *Clin Spine Surg*. 2023 Apr 1;36(3):120-126. doi: 10.1097/BSD.0000000000001452. Epub 2023 Mar 3. PMID: 36864582.
- 415: Diebo BG, Stroud SG, Shah NV, Messina J, Hong JM, Alsoof D, Ansari K, Lafage R, Passias PG, Lafage V, Schwab FJ, Paulino CB, Aaron R, Daniels AH. Can We Predict Imbalance in Patients? Analysis of the CDC National Health and Nutrition Examination Survey. *J Clin Med*. 2023 Mar 1;12(5):1943. doi: 10.3390/jcm12051943. PMID: 36902730; PMCID: PMC10004139.
- 416: McDonald CL, Johnson K, Alsoof D, Molino J, Balmaceno-Criss M, Daniels AH. Treatment of Osteoporosis With Anabolic Agents and the Risk of Primary Bone Cancers: A Study of 44,728 Patients Treated With Teriparatide and Abaloparatide. *J Am Acad Orthop Surg*. 2023 Mar 10. doi: 10.5435/JAAOS-D-22-01094. Epub ahead of print. PMID: 36913523.
- 417: Rebello E, Albright JA, Testa EJ, Alsoof D, Daniels AH, Arcand M. The Use of Prescription Testosterone is Associated with an Increased Likelihood of Experiencing a Distal Biceps Tendon Injury and Subsequently Requiring Surgical Repair. *J Shoulder Elbow Surg*. 2023 Mar 12:S1058-2746(23)00256-2. doi: 10.1016/j.jse.2023.02.122. Epub ahead of print. PMID: 36918119.
- 418: Saad Berreta R, Zhang H, Alsoof D, McDonald CL, Diebo BG, Kuris E, Daniels AH. Beta-lactam-resistant *Staphylococcus aureus* in spinal osteomyelitis and spondylodiscitis: current landscape in

antibiotic resistance, treatment, and complications. *J Neurosurg Spine*. 2023 Mar 17:1-6. doi: 10.3171/2023.2.SPINE221353. Epub ahead of print. PMID: 36933262.

419: Passias PG, Ahmad W, Tretiakov P, Krol O, Segreto F, Lafage R, Lafage V, Soroceanu A, Daniels A, Gum J, Line B, Schoenfeld AJ, Vira S, Hart R, Burton D, Smith JS, Ames CP, Shaffrey C, Schwab F, Bess S; International Spine Study Group. Identifying Subsets of Patients With Adult Spinal Deformity Who Maintained a Positive Response to Nonoperative Management. *Neurosurgery*. 2023 Mar 21. doi: 10.1227/neu.0000000000002447. Epub ahead of print. PMID: 36942962.

420: Li NY, Yang DS, Dwivedi S, Gil JA, Daniels AH. Complications and Reoperation Following Surgery for Concurrent Carpal Tunnel and Cervical Spine Compression. *Hand (N Y)*. 2023 Mar 22:15589447231158807. doi: 10.1177/15589447231158807. Epub ahead of print. PMID: 36946591.

421: Lafage R, Duvvuri P, Elysee J, Diebo B, Bess S, Burton D, Daniels A, Gupta M, Hostin R, Kebaish K, Kelly M, Kim HJ, Klineberg E, Lenke L, Lewis S, Ames C, Passias P, Protosaltis T, Shaffrey C, Smith JS, Schwab F, Lafage V; International Spine Study Group. Quantifying the Contribution of Lower Limb Compensation to Upright Posture: What Happens if Adult Spinal Deformity Patients Do Not Compensate? *Spine (Phila Pa 1976)*. 2023 Mar 23. doi: 10.1097/BRS.0000000000004646. Epub ahead of print. PMID: 36972137.

422: Whitaker CD, Stone BK, Gregorczyk JA, Alsoof D, Hardacker K, Diebo BG, Daniels A, Basques B. Nonsurgical Interventional Spine Pain Procedures: Outcomes and Complications. *JBJS Rev*. 2023 Apr 14;11(4). doi: 10.2106/JBJS.RVW.22.00235. PMID: 37058581.

423: Alsoof D, Kasthuri V, Homer A, Glueck J, McDonald CL, Kuris EO, Daniels AH. County Rurality is Associated with Increased Tumor Size and Decreased Survival in Patients with Ewing Sarcoma. *Orthop Rev (Pavia)*. 2023 Apr 11;15:74118. doi: 10.52965/001c.74118. PMID: 37064044; PMCID: PMC10097591.

424: Zhang AS, Xu A, Ansari K, Hardacker K, Anderson G, Alsoof D, Daniels AH. Lumbar Disc Herniation: Diagnosis and Management. *Am J Med*. 2023 Apr 16:S0002-9343(23)00252-8. doi: 10.1016/j.amjmed.2023.03.024. Epub ahead of print. PMID: 37072094.

425: Mohanty S, Hassan FM, Lenke LG, Burton D, Daniels AH, Gupta MC, Kebaish KM, Kelly M, Kim HJ, Klineberg EO, Passias PG, Protosaltis T, Schwab F, Shaffrey CI, Smith JS, Line BG, Lafage R, Lafage V, Bess S. Patient and procedural risk factors for decline in lower-extremity motor scores following adult spinal deformity surgery. *J Neurosurg Spine*. 2023 Apr 28:1-11. doi: 10.3171/2023.3.SPINE221311. Epub ahead of print. PMID: 37119105.

426: Albright JA, Chang K, Byrne RA, Quinn MS, Meghani O, Daniels AH, Owens BD. A Diagnosis of Vitamin D Deficiency Is Associated With Increased Rates of Anterior Cruciate Ligament Tears and Reconstruction Failure. *Arthroscopy*. 2023 Apr 29:S0749-8063(23)00375-4. doi: 10.1016/j.arthro.2023.04.011. Epub ahead of print. PMID: 37127241.

427: Passias PG, Pierce KE, Williamson TK, Krol O, Lafage R, Lafage V, Schoenfeld AJ, Protosaltis TS, Vira S, Line B, Diebo BG, Ames CP, Kim HJ, Smith JS, Chou D, Daniels AH, Gum JL, Shaffrey CI, Burton DC, Kelly MP, Klineberg EO, Hart RA, Bess S, Schwab FJ, Gupta MC; International Spine

Study Group. Pelvic Nonresponse Following Treatment of Adult Spinal Deformity: Influence of Realignment Strategies on Occurrence. *Spine (Phila Pa 1976)*. 2023 May 1;48(9):645-652. doi: 10.1097/BRS.0000000000004464. Epub 2022 Sep 14. PMID: 36102572.

428: Zhang AS, Khatri S, Balmaceno-Criss M, Alsoof D, Daniels AH. Medical optimization of osteoporosis for adult spinal deformity surgery: a state-of-the-art evidence-based review of current pharmacotherapy. *Spine Deform*. 2023 May;11(3):579-596. doi: 10.1007/s43390-022-00621-6. Epub 2022 Dec 1. Erratum in: *Spine Deform*. 2022 Dec 19;: PMID: 36454531.

429: Testa EJ, Albright JA, Lemme NJ, Molla V, McCrae B, Daniels AH, Paxton ES. Increased Risk of Periprosthetic Fractures and Revision Arthroplasty in Patients Undergoing Shoulder Arthroplasty With a History of Prior Fragility Fractures: A Matched Cohort Analysis. *J Am Acad Orthop Surg*. 2023 May 1;31(9):e473-e480. doi: 10.5435/JAAOS-D-22-00752. Epub 2023 Jan 24. PMID: 36696566.

430: Lafage R, Fourman MS, Smith JS, Bess S, Shaffrey CI, Kim HJ, Kebaish KM, Burton DC, Hostin R, Passias PG, Protosaltis TS, Daniels AH, Klineberg EO, Gupta MC, Kelly MP, Lenke LG, Schwab FJ, Lafage V; International Spine Study Group. Can unsupervised cluster analysis identify patterns of complex adult spinal deformity with distinct perioperative outcomes? *J Neurosurg Spine*. 2023 Feb 17;38(5):547-557. doi: 10.3171/2023.1.SPINE221095. PMID: 36806173.

431: Kuris EO, Alsoof D, Lerner J, Woo AS, Daniels AH. Plastic Surgery Closure of Complex Spinal Wounds. *J Am Acad Orthop Surg*. 2023 May 5. doi: 10.5435/JAAOS-D-23-00129. Epub ahead of print. PMID: 37155731.

432: McDonald CL, Johnson K, Alsoof D, Molino J, Balmaceno-Criss M, Daniels AH. Treatment of Osteoporosis With Anabolic Agents and the Risk of Primary Bone Cancers: A Study of 44,728 Patients Treated With Teriparatide and Abaloparatide. *J Am Acad Orthop Surg*. 2023 May 15;31(10):520-528. doi: 10.5435/JAAOS-D-22-01094. Epub 2023 Mar 10. PMID: 36913523.

433: Alsoof D, McDonald CL, Durand WM, Diebo BG, Kuris EO, Daniels AH. Radiomics in Spine Surgery. *Int J Spine Surg*. 2023 May 16:8501. doi: 10.14444/8501. Epub ahead of print. PMID: 37193607.

434: Chang K, Albright JA, Quinn M, Khatri S, Zhao L, Byrne RA, Daniels AH, Owens BD. A Diagnosis of Vitamin D Deficiency Is Associated With Increased Rates of Primary Patellar Instability and Need for Recurrent Surgical Stabilization. *Sports Health*. 2023 May 19:19417381231172726. doi: 10.1177/19417381231172726. Epub ahead of print. PMID: 37208906.

435: McDonald CL, Berreta RAS, Alsoof D, Homer A, Molino J, Ames CP, Shaffrey CI, Hamilton DK, Diebo BG, Kuris EO, Hart RA, Daniels AH. Treatment of Adult Deformity Surgery by Orthopedic and Neurological Surgeons: Trends in Treatment, Techniques, and Costs by Specialty. *Spine J*. 2023 May 24:S1529-9430(23)00213-9. doi: 10.1016/j.spinee.2023.05.012. Epub ahead of print. PMID: 37236366.

436: Testa EJ, Albright JA, Hartnett D, Lemme NJ, Daniels AH, Owens BD, Arcand M. The Relationship Between Testosterone Therapy and Rotator Cuff Tears, Repairs, and Revision Repairs. *J Am Acad Orthop Surg*. 2023 Jun 1;31(11):581-588. doi: 10.5435/JAAOS-D-22-00554. Epub 2023 Feb 3. PMID: 36745691.

- 437: Rebello E, Albright JA, Testa EJ, Alsoof D, Daniels AH, Arcand M. The use of prescription testosterone is associated with an increased likelihood of experiencing a distal biceps tendon injury and subsequently requiring surgical repair. *J Shoulder Elbow Surg.* 2023 Jun;32(6):1254-1261. doi: 10.1016/j.jse.2023.02.122. Epub 2023 Mar 12. PMID: 36918119.
- 438: Kasthuri V, Homer A, Alsoof D, Hong J, McDonald CL, Diebo BG, Daniels AH. Modern internet search analytics and spine: what are patients asking and reading online? *N Am Spine Soc J.* 2023 Apr 6;14:100214. doi: 10.1016/j.xnsj.2023.100214. PMID: 37214263; PMCID: PMC10192655.
- 439: Zhang AS, Osorio C, Stone BK, Hong J, Alsoof D, McDonald CL, Czerwejn JK, Daniels AH. Complications of Lateral Decubitus Positioning During Orthopaedic Surgery. *JBJS Rev.* 2023 Jun 8;11(6). doi: 10.2106/JBJS.RVW.23.00013. PMID: 37289916.
- 440: McDonald CL, Alsoof D, Glueck J, Osorio C, Stone B, McCluskey L, Diebo BG, Daniels AH, Basques BA. Adjacent Segment Disease After Spinal Fusion. *JBJS Rev.* 2023 Jun 12;11(6). doi: 10.2106/JBJS.RVW.23.00028. PMID: 37307327.
- 441: Tretiakov PS, Lafage R, Smith JS, Line BG, Diebo BG, Daniels AH, Gum J, Protosaltis T, Hamilton DK, Soroceanu A, Scheer JK, Eastlack RK, Mundis G, Nunley PD, Klineberg EO, Kebaish K, Lewis S, Lenke L, Hostin R, Gupta MC, Ames CP, Hart RA, Burton D, Shaffrey CI, Schwab F, Bess S, Kim HJ, Lafage V, Passias PG. Calibration of a comprehensive predictive model for the development of proximal junctional kyphosis and failure in adult spinal deformity patients with consideration of contemporary goals and techniques. *J Neurosurg Spine.* 2023 Jun 2:1-9. doi: 10.3171/2023.4.SPINE221412. Epub ahead of print. PMID: 37310039.
- 442: Balmaceno-Criss M, Alsoof D, Lafage R, Diebo BG, Daniels AH, Schwab F, Lafage V. Proximal Junctional Kyphosis Prevention Strategies Focused on Alignment. *Int J Spine Surg.* 2023 Jun 26:8513. doi: 10.14444/8513. Epub ahead of print. PMID: 37364936.
- 443: Byrne RA, Albright JA, Reiad TA, Katz L, Cusano J, Daniels AH, Owens BD. Young Age and Concomitant or Prior Bony Realignment Procedures are Associated with Decreased Risk of Failure of Osteochondral Allograft Transplantation in the Knee: A Nationwide Database Study. *Cartilage.* 2023 Jul 3:19476035231178374. doi: 10.1177/19476035231178374. Epub ahead of print. PMID: 37395438.
- 444: Meghani O, Albright JA, Testa EJ, Arcand MA, Daniels AH, Owens BD. Testosterone Therapy Is Associated With Increased Odds of Quadriceps Tendon Injury. *Clin Orthop Relat Res.* 2023 Jul 4. doi: 10.1097/CORR.0000000000002744. Epub ahead of print. PMID: 37404114.
- 445: Passias PG, Ahmad W, Tretiakov PS, Lafage R, Lafage V, Schoenfeld AJ, Line B, Daniels A, Mir JM, Gupta M, Mundis G, Eastlack R, Nunley P, Hamilton DK, Hostin R, Hart R, Burton DC, Shaffrey C, Schwab F, Ames C, Smith JS, Bess S, Klineberg EO; International Spine Study Group. Critical Analysis of Radiographic and Patient Reported Outcomes Following Anterior/Posterior Staged vs. Same Day Surgery in Patients Undergoing Identical Corrective Surgery for Adult Spinal Deformity. *Spine (Phila Pa 1976).* 2023 Jul 13. doi: 10.1097/BRS.0000000000004774. Epub ahead of print. PMID: 37450674.

446: Lemme NJ, Yang DS, Talley-Brunns R, Alsoof D, Daniels AH, Petit L, Fadale PD. Risk Factors and Outcomes for Preoperative Stiffness Requiring Intervention Before Anterior Cruciate Ligament Reconstruction. *Orthop J Sports Med.* 2023 Jul 12;11(7):23259671231181371. doi: 10.1177/23259671231181371. PMID: 37457045; PMCID: PMC10345918.

447: Passias PG, Pierce KE, Dave P, Lafage R, Lafage V, Schoenfeld AJ, Line B, Uribe J, Hostin R, Daniels A, Hart R, Burton D, Kim HJ, Mundis GM, Eastlack R, Diebo BG, Gum JL, Shaffrey C, Schwab F, Ames CP, Smith JS, Bess S, Klineberg E, Gupta MC, Hamilton DK; International Spine Study Group. When Not to Operate in Spinal Deformity: Identifying Subsets of Patients with Simultaneous Clinical Deterioration, Major Complications, and Reoperation. *Spine (Phila Pa 1976).* 2023 Jul 20. doi: 10.1097/BRS.0000000000004778. Epub ahead of print. PMID: 37470375.

448: Diebo BG, Tatarzyn Z, Alsoof D, Lafage R, Hart RA, Passias PG, Ames CP, Scheer JK, Lewis SJ, Shaffrey CI, Burton DC, Deviren V, Line BG, Soroceanu A, Hamilton DK, Klineberg EO, Mundis GM, Kim HJ, Gum JL, Smith JS, Uribe JS, Kelly MP, Kebaish KM, Gupta MC, Nunley PD, Eastlack RK, Hostin R, Protosaltis TS, Lenke LG, Schwab FJ, Bess S, Lafage V, Daniels AH; International Spine Study Group. Height Gain Following Correction of Adult Spinal Deformity. *J Bone Joint Surg Am.* 2023 Jul 21. doi: 10.2106/JBJS.23.00031. Epub ahead of print. PMID: 37478308.

449: Berreta RS, Zhang H, Alsoof D, Khatri S, Casey J, McDonald CL, Diebo BG, Kuris EO, Basques BA, Daniels AH. Adult Spinal Deformity Correction in Parkinson's Disease Patients: Assessment of Surgical Complications, Reoperation and Cost. *World Neurosurg.* 2023 Jul 20:S1878-8750(23)01006-9. doi: 10.1016/j.wneu.2023.07.064. Epub ahead of print. PMID: 37480985.

450: McDonald CL, Alsoof D, Anderson G, Johnson K, Daniels AH. Spinal Cord Stimulators and Intrathecal Pain Pump Removal Versus Retention During Posterior Lumbar Fusion: A Matched Cohort Analysis. *Clin Spine Surg.* 2023 Jul 21. doi: 10.1097/BSD.0000000000001502. Epub ahead of print. PMID: 37482636.

451: Passias PG, Ahmad W, Williamson TK, Lebovic J, Kebaish K, Lafage R, Lafage V, Line B, Schoenfeld AJ, Diebo BG, Klineberg EO, Kim HJ, Ames CP, Daniels AH, Smith JS, Shaffrey CI, Burton DC, Hart RA, Bess S, Schwab FJ, Gupta MC; International Spine Study Group. Efficacy of Varying Surgical Approaches on Achieving Optimal Alignment in Adult Spinal Deformity Surgery. *Spine (Phila Pa 1976).* 2023 Jul 25. doi: 10.1097/BRS.0000000000004784. Epub ahead of print. PMID: 37493057.

452: Onor GI, Thome AP, Lemme NJ, Brown KE, Daniels AH. Epidemiology of Ankle Dislocations in the United States: 2009 to 2018. *R I Med J (2013).* 2023 Aug 1;106(7):26-30. PMID: 37494624.

453: Protosaltis TS, Ani F, Soroceanu A, Lafage R, Kim HJ, Balouch E, Norris Z, Smith JS, Daniels AH, Klineberg EO, Ames CP, Hart R, Bess S, Shaffrey CI, Schwab FJ, Lenke LG, Lafage V, Gupta MC. Clinical outcomes and proximal junctional failure in adult spinal deformity patients corrected to normative alignment versus functional alignment. *J Neurosurg Spine.* 2023 Jul 21:1-8. doi: 10.3171/2023.5.SPINE221266. Epub ahead of print. PMID: 37503890.

454: Passfall L, Imbo B, Lafage V, Lafage R, Smith JS, Line B, Schoenfeld AJ, Protosaltis T, Daniels AH, Kebaish KM, Gum JL, Koller H, Hamilton DK, Hostin R, Gupta M, Anand N, Ames CP, Hart R,

Burton D, Schwab FJ, Shaffrey CI, Klineberg EO, Kim HJ, Bess S, Passias PG. The impact of baseline cervical malalignment on the development of proximal junctional kyphosis following surgical correction of thoracolumbar adult spinal deformity. *J Neurosurg Spine*. 2023 Jul 21:1-9. doi: 10.3171/2023.5.SPINE22752. Epub ahead of print. PMID: 37503903.

455: Daniels AH, Alsoof D, McDonald CL, Zhang AS, Diebo BG, Ebersson CP, Kuris EO, Lavelle W, Ames CP, Shaffrey CI, Hart RA. Longitudinal Assessment of Modern Spine Surgery Training: 10-Year Follow-up of a Nationwide Survey of Residency and Spine Fellowship Program Directors. *JB JS Open Access*. 2023 Aug 1;8(3):e23.00050. doi: 10.2106/JBJS.OA.23.00050. PMID: 37533873; PMCID: PMC10393084.

456: Lemme NJ, Bokshan SL, Yang D, Meghani O, Alsoof D, Lau BC, Daniels AH, Owens BD. Trends in the surgical treatment of posterior shoulder instability in the United States from 2016 to 2020. *Shoulder Elbow*. 2023 Aug;15(4):405-410. doi: 10.1177/17585732221117103. Epub 2022 Jul 29. PMID: 37538529; PMCID: PMC10395405.

457: Passias PG, Tretiakov PS, Smith JS, Lafage R, Diebo B, Scheer JK, Eastlack RK, Daniels AH, Klineberg EO, Khabeish KM, Mundis GM, Turner JD, Gupta MC, Kim HJ, Schwab F, Bess S, Lafage V, Ames CP, Shaffrey CI. Are we improving in the optimization of surgery for high-risk adult cervical spine deformity patients over time? *J Neurosurg Spine*. 2023 Jul 28:1-8. doi: 10.3171/2023.5.SPINE23457. Epub ahead of print. PMID: 37548546.

458: Homer A, Johnson K, Alsoof D, Daniels AH, Cohen EM. Medicaid Expansion is Associated with Increases in Medicaid-funded Total Joint Arthroplasty. *J Arthroplasty*. 2023 Aug 21:S0883-5403(23)00868-9. doi: 10.1016/j.arth.2023.08.058. Epub ahead of print. PMID: 37611679.

459: Alsoof D, Kasthuri V, McDonald C, Cusano J, Anderson G, Diebo BG, Kuris E, Daniels AH. How Much Are Patients Willing to Pay for Spine Surgery? An Evaluation of Attitudes Towards Out-of-Pocket Expenses and Cost Reducing Measures. *Spine J*. 2023 Aug 22:S1529-9430(23)03346-6. doi: 10.1016/j.spinee.2023.08.005. Epub ahead of print. PMID: 37619868.

460: Diebo BG, Balmaceno-Criss M, Daher M, Daniels AH. Bilateral psoas release for long standing hip-spine syndrome: surgical technique and case report. *N Am Spine Soc J*. 2023 Jul 28;15:100247. doi: 10.1016/j.xnsj.2023.100247. PMID: 37636341; PMCID: PMC10458283.

461: Agaisse T, Thomson C, Balmaceno-Criss M, McCluskey L, Diebo BG, Kuris E, Daniels AH. Acute spinal cord compression in the setting of chronic extramedullary hematopoiesis of the thoracic spine. *N Am Spine Soc J*. 2023 Aug 3;15:100260. doi: 10.1016/j.xnsj.2023.100260. PMID: 37649971; PMCID: PMC10462891.

462: Passias PG, Williamson TK, Mir JM, Smith JS, Lafage V, Lafage R, Line B, Daniels AH, Gum JL, Schoenfeld AJ, Hamilton DK, Soroceanu A, Scheer JK, Eastlack R, Mundis GM, Diebo B, Kebaish KM, Hostin RA Jr, Gupta MC, Kim HJ, Klineberg EO, Ames CP, Hart RA, Burton DC, Schwab FJ, Shaffrey CI, Bess S, On Behalf Of The International Spine Study Group. Are We Focused on the Wrong Early Postoperative Quality Metrics? Optimal Realignment Outweighs Perioperative Risk in Adult Spinal Deformity Surgery. *J Clin Med*. 2023 Aug 26;12(17):5565. doi: 10.3390/jcm12175565. PMID: 37685633; PMCID: PMC10488913.

- 463: Lemme NJ, Yang D, Lama C, Testa EJ, Dworkin M, Modest JM, Owens BD, Daniels AH, DeFroda SF. The effect of pre-operative shoulder injections on post-operative opioid use, infection and revision following shoulder arthroplasty. *Shoulder Elbow*. 2023 Sep;15(1 Suppl):87-94. doi: 10.1177/17585732221114647. Epub 2022 Jul 21. PMID: 37692872; PMCID: PMC10492524.
- 464: Ani F, Ayres EW, Soroceanu A, Mundis GM, Smith JS, Gum JL, Daniels AH, Klineberg EO, Ames CP, Bess S, Shaffrey CI, Schwab FJ, Lafage V, Protopsaltis TS; International Spine Study Group. Functional Alignment Within the Fusion in Adult Spinal Deformity (ASD) Improves Outcomes and Minimizes Mechanical Failures. *Spine (Phila Pa 1976)*. 2023 Sep 12. doi: 10.1097/BRS.0000000000004828. Epub ahead of print. PMID: 37698284.
- 465: Singh M, Balmaceno-Criss M, Alsoof D, Burch MB, Sakr I, Diebo BG, McDonald C, Basques B, Kuris EO, Daniels AH. Reduction of adolescent grade IV L5-S1 spondylolisthesis with anterior joystick manipulation during a combined anterior and posterior surgical approach: A case report. *N Am Spine Soc J*. 2023 Aug 9;16:100263. doi: 10.1016/j.xnsj.2023.100263. PMID: 37711284; PMCID: PMC10497841.
- 466: Wick JB, Blandino A, Smith JS, Line BG, Lafage V, Lafage R, Kim HJ, Passias PG, Gum JL, Kebaish KM, Eastlack RK, Daniels A, Mundis G, Hostin R, Protopsaltis T, Hamilton DK, Kelly MP, Gupta M, Hart RA, Schwab FJ, Burton DC, Ames CP, Lenke LG, Shaffrey CI, Bess S, Klineberg E; International Spine Study Group. The ISSG-AO Complication Intervention Score, but Not Major/Minor Designation, is Correlated With Length of Stay Following Adult Spinal Deformity Surgery. *Global Spine J*. 2023 Sep 19:21925682231202782. doi: 10.1177/21925682231202782. Epub ahead of print. PMID: 37725904.
- 467: Stone BK, Paradkar R, Anderson GM, Daniels A, Iyer S, Derman PB, Telfeian AE, Basques B. Development of an Endoscopic Spine Surgery Program: Overview and Basic Considerations for Implementation. *JB JS Open Access*. 2023 Sep 20;8(3):e22.00152. doi: 10.2106/JBJS.OA.22.00152. PMID: 37731772; PMCID: PMC10508372.
- 468: Halayqeh S, Glueck J, Balmaceno-Criss M, Alsoof D, McDonald CL, Diebo BG, Daniels AH. Delayed cerebrospinal fluid (CSF) leak following anterior cervical discectomy and fusion surgery. *N Am Spine Soc J*. 2023 Aug 27;16:100271. doi: 10.1016/j.xnsj.2023.100271. PMID: 37771759; PMCID: PMC10522904.
- 469: Mohammad Daher, Ayman Assi, Mariah Balmaceno-Criss, Ayman Mohamed, Renaud Lafage, Bassel Diebo, Alan Daniels, Frank Schwab, Virginie Lafage. Functional Assessment of Patients with Adult Spinal Deformity: Too complicated or a must have? *Seminars in Spine Surgery*, Volume 35, Issue 4. <https://doi.org/10.1016/j.semss.2023.101057>
- 470: Mariah Balmaceno-Criss, Mohammad Daher, Jake R. McDermott, Anna Rezk, Makeen Baroudi, Jerzy A. Gregorczyk, Jacob Laperche, Renaud Lafage, Russell J. Bodner, Eric M. Cohen, Thomas J. Barrett, Shay Bess, Virginie Lafage, Bassel G. Diebo, Alan H. Daniels. Hip-Spine Syndrome in Adult Spinal Deformity Patients. *Seminars in Spine Surgery*, Volume 35, Issue 4. <https://doi.org/10.1016/j.semss.2023.101066>

471: Passias PG, Pierce KE, Williamson TK, Lebovic J, Schoenfeld AJ, Lafage R, Lafage V, Gum JL, Eastlack R, Kim HJ, Klineberg EO, Daniels AH, Protosaltis TS, Mundis GM, Scheer JK, Park P, Chou D, Line B, Hart RA, Burton DC, Bess S, Schwab FJ, Shaffrey CI, Smith JS, Ames CP; International Spine Study Group. Patient-specific Cervical Deformity Corrections With Consideration of Associated Risk: Establishment of Risk Benefit Thresholds for Invasiveness Based on Deformity and Frailty Severity. *Clin Spine Surg.* 2023 Oct 6. doi: 10.1097/BSD.0000000000001540. Epub ahead of print. PMID: 37798829.

472: Yang DS, Molla V, Daniels AH, Paxton ES, Green A. The Effect of Concurrent Cervical Spine Degenerative Disease on the Outcome of Rotator Cuff Repair: A National Database Study. *J Shoulder Elbow Surg.* 2023 Oct 12:S1058-2746(23)00715-2. doi: 10.1016/j.jse.2023.09.004. Epub ahead of print. PMID: 37838181.

473: Albright JA, Testa EJ, Ibrahim Z, Quinn M, Chang K, Alsoof D, Diebo BG, Barrett TJ, Daniels AH. Postoperative Angiotensin Receptor Blocker Use is Associated with Decreased Rates of Manipulation Under Anesthesia, Arthroscopic Lysis of Adhesions, and Prosthesis-Related Complications in Patients Undergoing Total Knee Arthroplasty. *J Arthroplasty.* 2023 Oct 16:S0883-5403(23)01034-3. doi: 10.1016/j.arth.2023.10.015. Epub ahead of print. PMID: 37852448.

474: Albright JA, Testa EJ, Byrne RA, Portnoff B, Daniels AH, Owens BD. Significant Association between a Diagnosis of Hypovitaminosis D and Rotator Cuff Tear, Independent of Age and Sex: A Retrospective Database Study. *Med Sci Sports Exerc.* 2023 Oct 24. doi: 10.1249/MSS.0000000000003327. Epub ahead of print. PMID: 37882072.

475: Daniels AH, Alsoof D, McDonald CL, Diebo BG, Kuris EO. Clinical Examination of the Cervical Spine. *N Engl J Med.* 2023 Oct 26;389(17):e34. doi: 10.1056/NEJMvc2204780. PMID: 37888918.

476: Laperche J, Chang K, Albright J, Ibrahim Z, Daniels AH, Barrett T. Shoulder Adhesive Capsulitis Prior to Total Knee Arthroplasty is Associated with Increased Rates of Postoperative Stiffness Requiring Manipulation Under Anesthesia and Arthroscopic Lysis of Adhesions. *J Arthroplasty.* 2023 Nov 2:S0883-5403(23)01097-5. doi: 10.1016/j.arth.2023.10.051. Epub ahead of print. PMID: 37924990.

477: Daniels AH, Daher M, Singh M, Balmaceno-Criss M, Lafage R, Diebo BG, Hamilton DK, Smith JS, Eastlack RK, Fessler RG, Gum JL, Gupta MC, Hostin R, Kebaish KM, Klineberg EO, Lewis SJ, Line BG, Nunley PD, Mundis GM, Passias PG, Protosaltis TS, Buell T, Scheer JK, Mullin JP, Soroceanu A, Ames CP, Lenke LG, Bess S, Shaffrey CI, Burton DC, Lafage V, Schwab FJ; International Spine Study Group. The Case for Operative Efficiency in Adult Spinal Deformity Surgery: Impact of Operative Time on Complications, Length of Stay, Alignment,

Fusion Rates, and Patient Reported Outcomes. *Spine (Phila Pa 1976)*. 2023 Nov 9. doi: 10.1097/BRS.0000000000004873. Epub ahead of print. PMID: 37942794.

478: Smith JS, Kelly MP, Buell TJ, Ben-Israel D, Diebo B, Scheer JK, Line B, Lafage V, Lafage R, Klineberg E, Kim HJ, Passias P, Gum JL, Kebaish K, Mullin JP, Eastlack R, Daniels A, Soroceanu A, Mundis G, Hostin R, Protopsaltis TS, Hamilton DK, Gupta M, Lewis SJ, Schwab FJ, Lenke LG, Shaffrey CI, Burton D, Ames CP, Bess S; International Spine Study Group. Adult Cervical Deformity Patients Have Higher Baseline Frailty, Disability, and Comorbidities Compared With Complex Adult Thoracolumbar Deformity Patients: A Comparative Cohort Study of 616 Patients. *Global Spine J*. 2023 Nov 10:21925682231214059. doi: 10.1177/21925682231214059. Epub ahead of print. PMID: 37948666.

479: Albright JA, Lou M, Rebello E, Ge J, Testa EJ, Daniels AH, Arcand M. Testosterone replacement therapy is associated with increased odds of Achilles tendon injury and subsequent surgery: a matched retrospective analysis. *J Foot Ankle Res*. 2023 Nov 11;16(1):76. doi: 10.1186/s13047-023-00678-0. PMID: 37950322; PMCID: PMC10638827.

480: Van Halm-Lutterodt N, Albright JA, Storlie NR, Mesregah MK, Ansari K, Balmaceno-Criss M, Daher M, Bartels-Mensah M, Xu Y, Diebo BG, Hai Y, Chandler DR, Mhl, Daniels AH. Cannabis Use Disorder and Complications Following Anterior Cervical Discectomy and Fusion (ACDF). *World Neurosurg*. 2023 Nov 11:S1878-8750(23)01591-7. doi: 10.1016/j.wneu.2023.11.028. Epub ahead of print. PMID: 37956902.

481: Laperche J, Barrett CC, Glasser J, Yang DS, Lemme N, Garcia D, Daniels AH, Antoci V. Chronic obstructive pulmonary disease is an independent risk factor for increased opioid use in total hip arthroplasty: A retrospective PearlDiver study. *J Orthop*. 2023 Sep 22;46:95-101. doi: 10.1016/j.jor.2023.09.010. PMID: 37969229; PMCID: PMC10641556.

482: Lafage R, Song J, Diebo B, Daniels AH, Passias PG, Ames CP, Bess S, Eastlack R, Gupta MC, Hostin R, Kebaish K, Kim HJ, Klineberg E, Mundis GM, Smith JS, Shaffrey C, Schwab F, Lafage V, Burton D; International Spine Study Group. Alterations in Magnitude and Shape of Thoracic Kyphosis Following Surgical Correction for Adult Spinal Deformity. *Global Spine J*. 2023 Nov 30:21925682231218003. doi: 10.1177/21925682231218003. Epub ahead of print. PMID: 38031967.

483: Passias PG, Williamson TK, Kummer NA, Pellisé F, Lafage V, Lafage R, Serra-Burriel M, Smith JS, Line B, Vira S, Gum JL, Haddad S, Sánchez Pérez-Grueso FJ, Schoenfeld AJ, Daniels AH, Chou D, Klineberg EO, Gupta MC, Kebaish KM, Kelly MP, Hart RA, Burton DC, Kleinstück F, Obeid I, Shaffrey CI, Alanay A, Ames CP, Schwab FJ, Hostin RA Jr, Bess S; International Spine Study Group. Cost Benefit of Implementation of Risk Stratification Models for Adult Spinal Deformity Surgery. *Global Spine J*. 2023 Dec 11:21925682231212966. doi: 10.1177/21925682231212966. Epub ahead of print. PMID: 38081300.

484: Kuris EO, Osorio C, Anderson GM, Younghein JA, McDonald CL, Daniels AH. Utilization of Antibiotic Bone Cement in Spine Surgery: Pearls, Techniques, and Case Review. *Orthop Rev (Pavia)*. 2023 Dec 17;15:90618. doi: 10.52965/001c.90618. PMID: 38116585; PMCID: PMC10727979.

485: Daniels AH. In my Experience: Obtaining Efficiency in Orthopaedic and Spinal Surgery. *Journal of Orthopaedic Experience & Innovation*. 2023 Dec 29.

486: Dave P, Lafage R, Smith JS, Line BG, Tretiakov PS, Mir J, Diebo B, Daniels AH, Gum JL, Hamilton DK, Buell T, Than KD, Fu KM, Scheer JK, Eastlack R, Mullin JP, Mundis G, Hosogane N, Yagi M, Nunley P, Chou D, Mummaneni PV, Klineberg EO, Kebaish KM, Lewis S, Hostin RA, Gupta MC, Kim HJ, Ames CP, Hart RA, Lenke LG, Shaffrey CI, Bess S, Schwab FJ, Lafage V, Burton DC, Passias PG. Predictors of pelvic tilt normalization: a multicenter study on the impact of regional and lower-extremity compensation on pelvic alignment after complex adult spinal deformity surgery. *J Neurosurg Spine*. 2024 Jan 12:1-8. doi: 10.3171/2023.11.SPINE23766. Epub ahead of print. PMID: 38215449.

487: Williamson TK, Dave P, Mir JM, Smith JS, Lafage R, Line B, Diebo BG, Daniels AH, Gum JL, Protopsaltis TS, Hamilton DK, Soroceanu A, Scheer JK, Eastlack R, Kelly MP, Nunley P, Kebaish KM, Lewis S, Lenke LG, Hostin RA Jr, Gupta MC, Kim HJ, Ames CP, Hart RA, Burton DC, Shaffrey CI, Klineberg EO, Schwab FJ, Lafage V, Chou D, Fu KM, Bess S, Passias PG; International Spine Study Group. Persistent Lower Extremity Compensation for Sagittal Imbalance After Surgical Correction of Complex Adult Spinal Deformity: A Radiographic Analysis of Early Impact. *Oper Neurosurg (Hagerstown)*. 2024 Feb 1;26(2):156-164. doi: 10.1227/ons.0000000000000901. Epub 2023 Oct 11. PMID: 38227826.

488: Daher M, Cronkhite S, Balmaceno-Criss M, Varona-Cocero A, Diebo BG, Daniels AH. Burst fracture treatment caudal to long posterior spinal fusion for adolescent idiopathic scoliosis utilizing temporary lumbo-pelvic fixation with restoration of lumbar mobility after instrumentation removal. *N Am Spine Soc J*. 2023 Dec 30;17:100307. doi: 10.1016/j.xnsj.2023.100307. PMID: 38264151; PMCID: PMC10803935.

BOOKS

1. Eltorai AEM, Ebersson CP, **Daniels AH**, editors. *Orthopedic Surgery Clerkship: A Quick Reference Guide for Senior Medical Students*. Springer. ISBN 978-3-319-52565-5; 2016.
2. Hodax J, Eltorai AEM, **Daniels AH**, editors. *The Orthopedic Consult Survival Guide*. Springer. ISBN 978-3-319-52346-0; 2017.
3. Eltorai AEM, Ebersson CP, **Daniels AH**, editors. *Orthopedic Surgery Rotation: Practical Strategies for Success for Senior Medical Students*. Springer. 978-3-319-45664-5; 2017.

BOOK CHAPTERS

1. **Daniels AH**, Riew KD, Hart RA. Vertebral Artery Injury, The Cervical Spine, 5th edition, edited by Edward C. Benzel. Philadelphia: Lippincott Williams & Wilkins, 2012. ISBN: 978-1605477527.

2. **Daniels AH**, Lincoln E, Ebersson CP. Pediatric Spine Trauma, Contemporary Surgical Management of Fractures and Complications Volume 3: Pediatrics, edited by Martin J. Herman and B. David Horn. London: Jaypee Brothers Medical Publishers, 2014. ISBN: 978-9351521204.
3. McDonnell M, **Daniels AH**, Palumbo MA. Spine, Comprehensive Board Review in Orthopedic Surgery, edited by Robin N. Kamal and Arnold-Peter C. Weiss. Thieme, 2016. ISBN: 9781604069044.
4. Ruttiman R, Eltorai AEM, **Daniels AH**. Orthopaedic Surgical Management of Pain. Comprehensive Pain Management in the Rehabilitation Patient, edited by Alexios Carayannopoulos. Springer, 2017. ISBN: 978-3319167831.
5. Herman MA, Anderson JT, **Daniels AH**, Ebersson CP. Traumatic Conditions in the Child's Cervical Spine, The Management of Disorders of the Child's Cervical Spine, edited by Jonathan Phillips, Suken Shah, Burt Yaszay, Daniel Hedequist. Springer, 2018. ISBN: 978-1493985029.
6. Eltorai AEM, **Daniels AH**. Lumbar Spine Fusion. Postoperative Orthopaedic Rehabilitation, edited by Roman Hayda and Andrew Green. LWW 2017. ISBN: 978-1496360281.
7. Patel SA, **Daniels AH**, Rihn JA. Revision Lumbar Surgery. In Rhee J, Boden S (eds.) Operative Techniques in Orthopaedic Surgery, 3rd Edition. Wolters Kluwer: Alphen aan den Rijn, The Netherlands; 2021.
8. Alsoof D, **Daniels AH**. Spinal Cord Injury: Pathophysiology. Rothman-Simeone and Herkowitz's The Spine 8th Edition, edited by Jeffrey Fischgrund and Christopher Bono; 2024 (*publication pending*)

ABSTRACTS

PODIUM PRESENTATIONS

1. **Daniels AH**, Arthur M, Hart RA. Regional variability of fusion procedures for patients with cervical spine injuries with and without neurological deficit. Cervical Spine Research Society, San Diego, CA, Dec 1st, 2005.
2. **Daniels AH**, Kane PM, Ritterman SA, Ebersson CP, Born CT. Utilization of J-splints for temporizing management of pediatric femoral fractures. New England Orthopaedic Society Fall Meeting, Boston, MA, November 20th, 2011.
3. **Daniels AH**, Paller DJ, Krolupolu S, McDonnell M, Palumbo MA, Crisco JJ. Dynamic biomechanical examination of the lumbar spine with implanted total disc replacement (TDR) utilizing a pendulum testing system. Lumbar Spine Research Society, Chicago, IL, April 26th, 2012.

4. **Daniels AH**, McDonnell M, Born CT, Hayda RA, Ehrlich MG, Trafton PG, Fischer SA, DiGiovanni CW. Critical analysis of a trauma fellowship-modeled 6-year Orthopaedic Surgery training program. American Academy of Orthopaedic Surgeons. Chicago, IL, March 22nd, 2013.
5. Feller R, Cohen A, Palumbo MA, **Daniels AH**. Lumbar spinal stenosis: Evaluation of information on the internet. Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19th, 2013.
6. **Daniels AH**, Esmende S, Arthur M, Vigneswaran H, Palumbo MA. Assessment of the Rapid Increase in Incidence and Cost of Treating C2 Fractures in the United States from 2000-2010. Cervical Spine Research Society, Los Angeles, CA, December 5th, 2013.
7. **Daniels AH**, Ames CP, JM DePasse, Smith JS, Hart RA. Variability in spine surgery procedures performed during Orthopaedic and Neurological Surgery residency training: an analysis of ACGME case log data. Lumbar Spine Research Society, Chicago, IL, May 1st, 2014.
8. Grabel Z, Hart RA, Clark A, Smith JS, Schaffrey CI, Ames, CP, **Daniels AH**, International Spine Study Group. Adult Spinal Deformity Knowledge in Orthopaedic Spine Surgeons: Impact of Training and Practice Experience. 2016 American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 1st-5th, 2016.
9. Ruttiman, R, Eltorai AEM, Depasse JM, Brea B, Palumbo MA, **Daniels AH**. Complications of Spine Surgery: Factors Predictive of Malpractice Litigation. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
10. Eltorai AEM, **Daniels AH**. Is the readability of spine-related patient education material improving? An assessment of subspecialty websites. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
11. Ruttiman, R, Eltorai AEM, Depasse JM, Brea B, Palumbo MA, **Daniels AH**. Complications of Spine Surgery: Factors Predictive of Malpractice Litigation. 23rd International Meeting on Advanced Spine Techniques (IMAST), Washington, D.C., USA, July 15th, 2016.
12. Ruttiman, R, Eltorai AEM, **Daniels AH**, Palumbo MA. Complications of Spine Surgery: Factors Predictive of Malpractice Litigation. North American Spine Society (NASS), Boston, MA, October 28th, 2016.
13. Bokshan S, DePasse JM, Eltorai A, **Daniels AH**. Factors Associated With Outcome Of Litigation Following Total Hip And Knee Arthroplasty. Orthopedic Summit 2016, Las Vegas NV, December 7th, 2016.
14. **Daniels AH**, Ailon T, Miller E, Smith JS, Shaffrey CI, Lafage V, Schwab FJ, Eltorai AEM, Burton DC, Hart RA, Hostin RA, Bess S, Ames CP. Despite Higher Risk Stratification Scores, Frail Patients Achieve Greater Two-year Health Related Quality of Life Improvement from Baseline Compared to Non-frail Patients Following Adult Spinal Deformity Surgery. American Academy of Orthopaedic Surgeons, San Diego, CA, March 17th, 2017.

15. **Daniels AH**, Ruttiman, R, Eltorai AEM, Depasse JM, Brea B, Palumbo MA. Complications of Spine Surgery: Factors Predictive of Malpractice Litigation. American Academy of Orthopaedic Surgeons, San Diego, CA, March 17th, 2017.
16. Reid D, **Daniels AH**, Ailon T, Miller E, Smith JS, Shaffrey CI, Lafage V, Schwab FJ, Eltorai AEM, Burton DC, Hart RA, Hostin RA, Bess S, Ames CP. Frailty and Health Related Quality of Life Following Adult Spinal Deformity Surgery. Lumbar Spine Research Society, Chicago, IL, April 6th, 2017.
17. Durand W, Johnson J, Li N, Eltorai AEM, Depasse JM, **Daniels AH**. Hospital Competitive Intensity Predicts Perioperative Outcomes Following Lumbar Spinal Fusion. Lumbar Spine Research Society, Chicago, IL, April 6th, 2017.
18. **Daniels AH**, Pasiadis PG, ..., 13 authors, ISSG. Predictive Model for Achieving a Good Overall Outcome at One-Year Following Surgical Correction of Adult Cervical Deformity. Cervical Spine Research Society Meeting, Hollywood, Florida, November 30, 2017.
19. Pasiadis PG, Poorman GW, Horn SR, **Daniels AH**...12 authors, ISSG. Impact of Obesity on Radiographic Alignment and Short-Term Complications After Surgical Treatment of Adult Cervical Deformity. Cervical Spine Research Society Meeting, Hollywood, Florida, November 30, 2017.
20. Eltorai AE, Durand WM, Haglin J, Rubin LE, Weiss APC, **Daniels AH**. Trends in Medicare reimbursement for orthopedic procedures: 2000-2016. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6th, 2018.
21. Wang J, Eltorai AE, Depasse JM, Durand WM, Reid D, **Daniels AH**. Treatment variability for cervical spine fractures and dislocations: analysis of 107,152 patients. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6th, 2018.
22. Kleiner JE, Eltorai A, **Daniels AH**. Matched Cohort Analysis of Elective Lumbar Spinal Fusion in Patients With and Without Parkinson's Disease. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
23. **Daniels AH**, ...15 authors, ISSG. Rod Fracture after Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
24. **Daniels AH**, Shantharam G, Depasse JM, Eltorai AE, Durand W, Palumbo MA. Physician and Patients Factors Associated with Outcome of Spinal Epidural Abscess Related Malpractice Litigation. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
25. **Daniels AH**, 19 authors, ISSG. Unaltered Upper Instrumented Vertebra Reduces Risk of Proximal Junctional Failure Following Surgery for Adult Spinal Deformity. Scoliosis Research Society, Bologna, Italy, October 11th, 2018.

26. Passias PG, 5 authors, **Daniels AH**, 10 authors, ISSG. Probability of Severe Frailty Development Among Operative and Nonoperative Adult Spinal Deformity Patients: An Actuarial Survivorship Analysis Over a Three Year Period. Scoliosis Research Society, Bologna, Italy, October 11th, 2018.
27. **Daniels AH**, 14 authors, ISSG. Upper Thoracic Versus Lower Thoracic Upper Instrumented Vertebra for Treatment of Adult Spinal Deformity: Surgical Decision Making and Patient Outcomes. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
28. Kalagara S, Reid D, Eltaorai A, Durand WM, Shapiro B, **Daniels AH**. Assessment of a Novel Risk Scoring Tool to Predict Hospital Readmission After Posterior Lumbar Spine Surgery. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
29. Durand WM, **Daniels AH**, 14 authors, ISSG. Machine Learning Models to Predict Operative versus Non-operative Management of Adult Spinal Deformity Patients. Internamtion Meeting on Advanced Spinal Techniques, Amsterdam, Holland, July 19th, 2019.
30. Durand W, **Daniels AH**, et al. A data-driven approach to assessment of sagittal alignment: defining the spinopelvic ratio's impact on clinical outcomes in adult spinal deformity patients. North American Spine Society, Chicago, IL, September 26th, 2019.
31. Durand W, **Daniels AH**, et al. Machine learning models to predict operative vs nonoperative management of adult spinal deformity patients. North American Spine Society, Chicago, IL, September 26th, 2019.
32. **Daniels AH**, 23 co-authors. Examination of Adult Spinal Deformity Patients Undergoing Surgery with and without Implanted Spinal Cord Stimulators and Intrathecal Pumps. Scoliosis Research Society, Virtual, September, 2020.
33. **Daniels AH**, Veeramani A. Predicting readmission following fusion for scoliosis in pediatioc patient: a machine learning approach (self-paced podium). Scoliosis Research Society, St. Louis, MO, September, 2021.
34. Gupta MC, Lafage R, Gupta S, **Daniels AH**, 19 authors. Rod Failure Continues to plague the surgical treatment of adult spinal deformity. North American Spine Society Annual Meeting. Boston MA, October 2021.
35. **Daniels AH**, 8 co-authors. Overcorrection in Sagittal Alignment Effect on Optimal Outcomes in Adult Spinal Deformity Patients. Scoliosis Research Society 58th Annual Meeting; September 6-9, 2023; Seattle, WA
36. **Daniels AH**, 11 co-authors. What has Changed in the Last Ten Years for Spine Surgery Training? Residency and Spine Fellowship Program Directors Response to A Nationwide Survey 2013 vs 2023. Scoliosis Research Society 58th Annual Meeting; September 6-9, 2023; Seattle, WA

37. **Daniels AH**, 10 co-authors. Adult Spinal Deformity Correction in Parkinson's Disease Patients: Assessment of Surgical Complications, Reoperation and Cost. Scoliosis Research Society 58th Annual Meeting; September 6-9, 2023; Seattle, WA
38. **Daniels AH**, 27 co-authors. Restoring L4-S1 Lordosis Shape in Severe Sagittal Deformity: Impact of Correction Techniques on Alignment and Complication. American Academy of Orthopedic Surgeons 2024 Annual Meeting; February 12-16, 2024; San Francisco, CA

PODIUM PRESENTATIONS (BY CO-AUTHOR/STUDENT)

1. **Daniels AH**, Arthur M, Hart RA. Variability in rates of fusion procedures for patients with thoracolumbar spine fractures with and without associated spinal cord injury. The International Society for the Study of the Lumbar Spine, Bergen, Norway, June 13-17, 2006.
2. Lee BJ, Christino MA, **Daniels AH**, *Ebersson CP*. Pediatric osteochondral fractures of the patella. Eastern Orthopaedic Association 42nd Annual Meeting, Williamsburg, VA, October 20th, 2011.
3. *Kamal RN*, Paci G, **Daniels AH**, Gosselin M, Weiss APC. Quality of Internet Health Information on Thumb Carpometacarpal Joint Arthritis. American Academy of Orthopaedic Surgeons. Chicago, IL, March 22nd, 2013.
4. Wang J, *Christino MA*, Ritterman SA, Thakur NA, Rienert S, Palumbo MA, Born CT, Evangelista PT, **Daniels AH**. Evaluation of the utility of the Wells Score for predicting pulmonary embolus in patients admitted to the spine surgery service. Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19th, 2013.
5. Ritterman SA, **Daniels AH**, Kane PM, *Ebersson CP*, Born CT. Temporizing Management of Pediatric Femur Fractures Utilizing J-Splints. Disaster Response Symposium at the Annual Meeting of the Pediatric Orthopaedic Society of North America (POSNA), Toronto, Ontario, May 2nd, 2013.
6. **Daniels AH**, Esmende S, Arthur M, *Vigneswaran H*, Palumbo MA. Assessment of the Rapid Increase in Incidence and Cost of Treating C2 Fractures in the United States from 2000-2010. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 14th, 2014.
7. **Daniels AH**, Esmende S, Arthur M, *Vigneswaran H*, Palumbo MA. Assessment of the Rapid Increase in Incidence and Cost of Treating C2 Fractures in the United States from 2000-2010. North American Spine Society 29th Annual Meeting, San Francisco, CA, November 12th, 2014.
8. Scheer JK, Smith JS, Schwab FJ, Lafage V, Shaffrey CI, Bess S, **Daniels AH**, Hart RA, Protopsaltis TS, Mundis GM, Ailon T, Burton DC, Klineberg EO, Ames CP, International Spine Study Group. Development of a Preoperative Predictive Model for Intra- or Peri-Operative Major Complications with High Accuracy Validated with 558 ASD Patients. International Meeting on Advanced Spine Techniques, Kuala Lumpur, Malaysia, July 8th-11th, 2015.

9. *Koller H, Mayer M, Meier O, Contac AG, Daniels AH, Hamilton KJ, Smith JS, Bess S, Klineberg EO, Ames CP, Schwab FJ, Hart RA, International Spine Study Group. Selecting Caudal Fusion Levels: Two Year Functional Outcomes with Matched Pairs Analysis in Multilevel Fusion to L5 versus S1. International Meeting on Advanced Spine Techniques, Kuala Lumpur, Malaysia, July 8th-11th, 2015.*
10. *Neuman BJ, Scheer JK, Ailon T, Klineberg EO, Sciubba DM, Jain A, Kim HJ, Zebala LP, Passias PG, Daniels AH, Burton DC, Protopsaltis PG, Hamilton DK, Ames CP, International Spine Study Group. Development and Validation of a Novel Adult Spinal Deformity Surgical Invasiveness Score: Analysis of 464 Patients. International Meeting on Advanced Spine Techniques, Kuala Lumpur, Malaysia, July 8th-11th, 2015.*
11. *International Spine Study Group, Scheer JK, Smith JS, Schwab FJ, Lafage V, Schaffrey CI, Bess S, Hart RA, Gupta M, Protopsaltis TS, Hostin R, Deviren V, Line B, Daniels AH, Diebo BG, Lafage R, Zebala LP, Mundis G, Jain A, Ailon T, Kim HJ, Hamilton DK, Burton DC, Klineberg EO, Ames CP. Development of Validated Computer Based Preoperative Predictive Model for Proximal Junction Failure (PJF) or Clinically Significant PJK With 86% Accuracy Based on 510 ASD Patients With Two-Year Follow-Up. Annual Meeting of the North American Spine Society (NASS), Chicago, IL, October 14th-17th, 2015.
- *Best Papers: Adjacent Segment and Junctional Complications**
12. *Garcia D, Daniels AH, Zega AM, Deckey DG, Kondo A, Jarrell JD, Ebersson CP, Green A, Hayda R, Born CT. Characterization of the Adherence Patterns and Biofilm Density of Commonly Encountered Bacterial Pathogens to Spinal Instrumentation of Differing Compositions. 50th Annual Meeting of the Scoliosis Research Society, Minneapolis, MN, October 2nd, 2015.*
13. *DePasse JM, Ahmed AK, Adams CA, Palumbo MA, Daniels AH. Stratified In-Hospital Costs of Elderly Odontoid Fractures by Treatment Modality. 2016 American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 1st-5th, 2016.*
14. *Rastegar F, Ailon T, Hamilton DK, Hart RA, Klineberg EO, Lafage V, Bess S, Daniels AH, Smith J, Shaffrey CI. Low Fusion Grade Does Not Impact Two-Year Health Related Quality of Life Unless Rod Fracture Occurs for Adult Spinal Deformity Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.*
15. *Bokshan SL, Han AL, DePasee JM, Marcaccio SE, Daniels AH. Impact of Sarcopenia on Post-Operative Morbidity and Mortality following Lumbar Spine Surgery. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.*
16. *Rastegar F, Hamilton DK, Hiratzka J, Hiratzka S, Smith J, Bess S, Scheer J, Daniels AH, Lafage V, Hart RA. Perioperative Complications Do Not Affect Patient Satisfaction Following Adult Spinal Deformity Surgery. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.*
17. *Miller S, Donegan S, Eltorai AE, Voigt N, Machan J, Daniels AH, Shetty T. Transcranial Motor-Evoked Potentials for Prediction of Postoperative Neurologic Deficit Following Surgery*

- for Thoracolumbar Scoliosis. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
18. Bokshan SL, Han AL, DePasee JM, Marcaccio SE, **Daniels AH**. Impact of Sarcopenia on Post-Operative Morbidity and Mortality following Lumbar Spine Surgery. International Conference on Frailty and Sarcopenia Research, Philadelphia, PA, April 29th, 2016.
 19. Ramchandran S, Protopsaltis TS, Sciubba DM, Scheer JK, **Daniels AH**, Passias PG, Lafage V, Kim HJ, Mundis GM, Klineberg EO, Hart RA, Smith JS, Shaffrey CI, Ames CP, International Spine Study Group. Upper Cervical and Infra-cervical Compensation in Cervical Deformity Patients. 23rd International Meeting on Advanced Spine Techniques (IMAST), Washington, D.C., USA, July 15th, 2016.
 20. Miller EK, Jain A, **Daniels AH**, Neuman BJ, Soroceanu A, Ailon T, Sciubba SM, Bess S, Line B, Lafage V, Scheer JK, Kebaish KM, Smith JS, Ames CP, International Spine Study Group. Assessment of a Novel Adult Spinal Deformity (ASD) Frailty Index (ASD-FI) to Assist with Risk Stratification for ASD Surgery. Scoliosis Research Society, Prague, Czech Republic, September 21st-24th, 2016. -Hibbs Award Nominee
 21. Smith JS, Shaffrey CI, Kim, HJ, 10 authors, **Daniels AH**, 12 authors, ISSG. Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment with One-Year Follow-Up. North American Spine Society, Boston, MA, October 27th, 2016.
 22. Smith JS, Shaffrey CI, Kim HJ...10 authors, **Daniels AH**, ...12 authors, ISSG, Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment with 1-Year Follow-Up. Cervical Spine Research Society, Toronto Canada, December 2nd, 2016.
 23. Smith JS, Ailon TT, Shaffrey CI, Kim HJ, Mundis Jr. GM, Gupta MC, Klineberg E, Schwab F, Lafage V, Lafage R, Passias PG, Protopsaltis T, Neuman BJ, **Daniels AH**, Scheer JK, Soroceanu A, Kebaish K, Hart R, O'Brien MF, Burton DC, Deviren V, Albert T, Riew KD, Bess S, Ames CP, International Spine Study Group. 206 Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment with One-year Follow-up. The Annual Meeting of The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves: Spine Summit 2017, Las Vegas, NV, March 8, 2017.
 24. Miller EK, Ailon TT, Scheer JK, **Daniels AH**, Smith JS, Schwab F, Lafage V, Burton DC, Hart R, Bess S, Shaffrey CI, Ames CP, International Spine Study Group. Despite Higher Risk Stratification Scores, Frail Patients Achieve Greater Two-year Health Related Quality of Life Improvement from Baseline Compared to Non-frail Patients Following Adult Spinal Deformity Surgery. The Annual Meeting of The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves: Spine Summit 2017, Las Vegas, NV, March 8, 2017.
 25. Miller EK, Ailon TT, Scheer JK, **Daniels AH**, Smith JS, Schwab F, Lafage V, Burton DC, Hart R, Bess S, Shaffrey CI, Ames CP, International Spine Study Group. Despite Higher Risk Stratification Scores, Frail Patients Achieve Greater Two-year Health Related Quality of Life Improvement from Baseline Compared to Non-frail Patients Following Adult Spinal Deformity Surgery. The Annual Meeting of The AANS/CNS Section on Disorders of the Spine and

Peripheral Nerves: Spine Summit 2017, Las Vegas, NV, March 8, 2017.

26. Deckey D, Zega A, Garcia DR, **Daniels AH**, Jarrell J, Ebersson CP, Born CT. Analysis of Growth and Biofilm Formation of Bacterial Pathogens on Frequently-Used Spinal Instrumentation. American Academy of Orthopaedic Surgeons, San Diego, CA, March 14th, 2017.
27. Shah KN, Walker G, DePasse JM, **Daniels AH**. Biomechanical comparison between titanium and cobalt chromium rods used in a pedicle subtraction osteotomy model. American Academy of Orthopaedic Surgeons, San Diego, CA, March 13-17th, 2017.
28. DePasse JM, Sargent R, Fantry AJ, Bokshan SL, Palumbo MA, **Daniels AH**. Risk Factors for Malpractice Litigation in Acute Compartment Syndrome. American Academy of Orthopaedic Surgeons, San Diego, CA, March 17th, 2017.
29. Shantharam G, DePasse JM, Eltorai AE, Palumbo MA, Durand WM, Reid D, Kuris EO, **Daniels AH**. Medical Malpractice following Spinal Epidural Abscess: A 30-year, Multi-database Investigation. North American Spine Society Annual Meeting, Orlando FL, October 26, 2017.
30. Passias PG, Horn SR, Poorman GW, **Daniels AH**...10 authors...ISSG. Clinical and Radiographic Outcomes of Patients with Cervical Deformity Secondary to Thoracolumbar Proximal Junctional Kyphosis. Cervical Spine Research Society Meeting, Hollywood, Florida, November 30, 2017.
31. DePasse JM, Durand WM, Palumbo MA, **Daniels AH**. Incidence of Cervical Spine Injuries Sustained During Sporting Activities. Cervical Spine Research Society Meeting, Hollywood, Florida, November 30, 2017.
32. Protopsaltis TS, ...5 authors, **Daniels AH**, ...8 authors, ISSG. Should targets for adult spinal deformity correction depend on pelvic incidence? American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6th, 2018.
33. Gil JA, Bokshan SL, Genovese T, Got CJ, **Daniels AH**. Medical malpractice following carpal tunnel surgery. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6th, 2018.
34. DePasse JM, Durand WM, Palumbo MA, **Daniels AH**. Incidence of Cervical Spine Injuries Sustained During Sporting Activities. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6th, 2018.
35. Goodman A, Johnson J, **Daniels AH**, Kleiner JE, Gil JA, Hayda RA. The expanding use of arthroplasty for distal humerus fractures: a retrospective of 106,237 patient in the nationwide inpatient sample from 2002-2012. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 8th, 2018.
36. Babu J, Johnson J, Eltorai A, Durand W, Patel S, **Daniels AH**. Recognition and management of emergent spinal pathology amongst first-line providers. New England Orthopedic Society, 2018

spring meeting, Harwich, MA, 06/2018

37. Durand WM, Peters JL, Eltorai AEM, Kalagara S, Osband AJ, **Daniels AH**. Medical Crowdfunding for Organ Transplant Patients. American Transplant Congress (ATC), Seattle, WA, June 5th, 2018.
38. Horn SR, 11 authors, **Daniels AH**, 8 authors, ISSG. Predicting Extended Operative Time and Length of Inpatient Stay in Cervical Deformity Corrective Surgery. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
39. Protopsaltis T, 4 authors, **Daniels AH**, 12 authors, ISSG. Surgical Outcomes in Rigid versus Flexible Cervical Deformities. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
40. **Daniels AH**, 14 authors, ISSG. Unaltered Upper Instrumented Vertebra Reduces Risk of Proximal Junctional Failure Following Surgery for Adult Spinal Deformity. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
41. Segreto F, 7 authors, **Daniels AH**, 10 authors, ISSG. Incidence of Acute, Progressive, and Delayed Proximal Junctional Kyphosis over an Eight-Year Period in Adult Spinal Deformity Patients. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
42. Protopsaltis T, 4 authors, **Daniels AH**, 13 authors, ISSG. Successful Clinical Outcomes Following Surgery for Severe Cervical Deformity are Dependent Upon Achieving Sufficient Cervical Sagittal Alignment. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
43. Haglin J, Eltorai AE, **Daniels AH**. Medicare Reimbursement Trends for General Surgery Procedures: 2000-2018. Annual Academic Surgical Congress, Houston TX, February 5th, 2019.
44. Kuris EO, Hogan W, Durand WM, Elitorai, **Daniels AH**. Trends and Outcomes in Cauda Equina Syndrome: An Analysis of Over 25,000 patients. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
45. Stekas N, 3 authors, **Daniels AH**, 13 authors, International Spine Study Group. Surgical Outcomes in Rigid Versus Flexible Cervical Deformities. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
46. Durand WM, Depasse JM, Kuris EO, Yang J, **Daniels AH**. Late-Presenting Dural Tear: Incidence, Risk Factors, and Associated Complications. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
47. Hartnett D, Eltorai A, **Daniels AH**. Foot Surgery-Related Malpractice. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.

48. Passias PG, 9 authors, **Daniels AH**, 11 authors, International Spine Study Group, Incidence of Acute, Progressive, and Delayed PJK over an Eight-Year Period in Adult Spinal Deformity Patients. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
49. Depasse JM, Durand WM, **Daniels AH**. Predictors of Non-Neurologic Complications and Increased Length of Stay after Cervical Spine Osteotomy. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
50. Protopsaltis T, et al. The pelvic tilt response to ASD correction depends on PI, age and alignment. North American Spine Society, Chicago, IL, September 26th, 2019.
51. Haglin J, et al. An analysis of Medicare reimbursement rates in spine surgery: 2000-2018. North American Spine Society, Chicago, IL, September 26th, 2019.
52. Ruddell J, et al. Timing of surgery for thoracolumbar spine trauma: patients without neurological injury. Kuris E, et al. Timing of surgical decompression for cauda equina syndrome. North American Spine Society, Chicago, IL, September 26th, 2019.
53. Neuman B, et al. Defining a surgical invasiveness threshold for major complications following adult spinal deformity surgery. North American Spine Society, Chicago, IL, September 26th, 2019.
54. Pierce K, et al. Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. North American Spine Society, Chicago, IL, September 26th, 2019.
55. Harris A, et al. Factors associated with chronic opioid use in preoperative opioid nonusers following adult spinal deformity surgery. North American Spine Society, Chicago, IL, September 26th, 2019.
56. Protopsaltis T, et al. Spinopelvic alignment and successful outcomes following cervical deformity correction. North American Spine Society, Chicago, IL, September 26th, 2019.
57. Passias P, et al. Redefining cervical spine deformity classification through novel cut-offs: an assessment of the relationship between radiographic parameters and functional neurological outcomes. North American Spine Society, Chicago, IL, September 26th, 2019.
58. Pierce K, et al. Predictors of superior recovery kinetics in adult cervical deformity correction: an analysis using a novel area under the curve methodology. North American Spine Society, Chicago, IL, September 26th, 2019.
59. Yang DS, Cohen EM, **Daniels AH**. Gradient Boosted Machine Learning Modeling For 30-day Mortality Following Hip Fracture Surgery. 2020 Annual Meeting of the Orthopaedic Research Society (ORS), Phoenix, AZ, February 8-11, 2020.
60. Yang DS, Kucmarski AS, **Daniels AH**, Cohen EM. Machine Learning Modeling For Predicting Complications Following Total Hip Arthroplasty: The Importance of Perioperative

- Considerations. 2020 Annual Meeting of the Orthopaedic Research Society (ORS). Phoenix, AZ. February 8-11, 2020.
61. Risk Factors for Revision Following Anterior Cruciate Ligament Reconstruction in a Pediatric Population: A Prediction Algorithm. POSNA Annual Meeting. Dallas, Texas, May 12-15, 2021.
62. Hogan WB, **Daniels AH**, Vithiananthan S. Racial Disparities in the Surgical Treatment of Acute Cholecystitis. American College of Surgeons Clinical Conference 2021.
63. Hogan WB, **Daniels AH**, Vithiananthan S. Risk of PEG Tube Placement in Patients with Medical Comorbidity. New England Surgical Society Annual Meeting 2021.
- 64-70. 7 podium co-authorships, Scoliosis Research Society, Virtual, September, 2020.
- 71-81. 11 podium co-authorships. Scoliosis Research Society, St. Louis, MO, September, 2021.
- 82-96. 15 podium co-authorships. North American Spine Society, Boston, MA, October 2021
- 97-101. 5 podium co-authorships. AAOS Annual Meeting, San Diego, CA, September 2021
- 102-112. 11 podium co-authorships. AANS/CNS Spine Summit 2022, Las Vegas, NV, February 2022
- 113-115. 3 podium co-authorships. AAOS Annual Meeting, Chicago, IL, March 2022.
- 116-120. 5 podium co-authorships. IMAST, Miami, FL, April 2022
- 121-136. 15 podium co-authorships. SRS, Stockholm, Sweden, September 2022
- 137-152. 16 podium co-authorships. NASS, Chicago, IL, October, 2022.
153. Roy, S, Lavadi, RS, Agarwal, N, Alan, N, Ozpinar, A, Kuris E, **Daniel, AH.**, Buell T, Hamilton DK Emergent Spinal Pathology in Pregnancy. American Association of Neurological Surgeons/Congress of Neurological Surgeons Joint Section on Disorders of the Spine & Peripheral Nerves Annual Meeting; March 16-19, 2023; Miami, FL.
- 154-158. 5 podium co-authorships. Scoliosis Research Society 58th Annual Meeting; September 6-9, 2023; Seattle, WA.
- 159-160. 2 podium co-authorships. North American Spine Society 38th Annual Meeting; October 18-21, 2023; Los Angeles, CA.
161. 1 podium co-authorship. American Academy of Orthopedic Surgeons 2024 Annual Meeting; February 12-16, 2024; San Francisco, CA.
- 162-166. 5 podium co-authorships. International Spinal Deformity Symposium 9th Annual Meeting, December 1-2, 2023; New York, NY.

167-169. 3 podium co-authorships. AAOS Annual Meeting, San Fransisco, CA, February 2024.

170-171. 2 podium co-authorships. Spine Summit, Las Vegas, NV, February 2024.

POSTER / ELECTRONIC PRESENTATIONS

1. Wilson CL, **Daniels AH**, Harrison RH. Hepatitis C associated leukocytoclastic vasculitis with anticardiolipin antibodies causing penile necrosis and deep venous thrombosis in the absence of cryoglobulinemia: a case report. Northwest Regional Society of General Internal Medicine Meeting, Portland, OR, March 2nd 2007.
2. Wilson CL, **Daniels AH**, Harrison RH. Hepatitis C associated leukocytoclastic vasculitis with anticardiolipin antibodies causing penile necrosis and deep venous thrombosis in the absence of cryoglobulinemia: a case report. Annual Society of General Internal Medicine Meeting, Toronto, ON, April 26th 2007.
3. Larson DL, **Daniels AH**, Byrd GD, Hart RA. Effects of recombinant human bone morphogenic protein-2 (rhBMP-2) on the rat lung. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 10-13th 2010.
4. Hart RA, **Daniels AH**, Bahney T, Cabalo AE, Lanning K. Relationship of donor variables and graft dimension on biomechanical performance of femoral ring allograft. American Association of Tissue Banks 34th Annual Meeting, National Harbor MD, Sept 11-13th, 2010.
5. Hart RA, **Daniels AH**, Bahney T, Sales JR, Bay B. Relationship of donor variables and graft dimension on biomechanical performance of femoral ring allograft. Rhode Island Hospital 18th Annual Research Celebration, Providence, RI, October 21st, 2010.
6. **Daniels AH**, Koruprolu S, Paller DJ, Crisco JJ. Dynamic biomechanical examination of the lumbar spine with implanted total spinal segment replacement (TSSR) utilizing a pendulum system. Orthopaedic Research Society 2012 Annual Meeting, San Francisco, CA, February 3-7, 2012.
7. Hart RA, **Daniels AH**, Mummaneni PV, Line B, Lafage V, Akbarnia BA, Mundis GM, Bess S. Functional limitations due to lumbar stiffness correlate with age and SRS-22 scores in asymptomatic volunteers. Lumbar Spine Research Society, Chicago, IL, April 26-27th, 2012.
8. Hart RA, **Daniels AH**, Mummaneni PV, Hostin RA, Shaffre CI, Smith JS, Line B, Lafage V, Bess S. "Evaluation of self reported functional limitations due to lumbar stiffness in adult spinal deformity patients." Lumbar Spine Research Society, Chicago, IL, April 26-27th, 2012.
9. Lee BJ, Christino MA, **Daniels AH**, Hulstyn MJ, Ebersson CP. Pediatric patellar osteochondral fracture following patellar dislocation. Arthroscopy Association of North America 2012 Annual Meeting, Orlando, FL, May 17-19 2012.
10. Wang J, Christino MA, Ritterman SA, Thakur NA, Rienert S, Palumbo MA, Born CT, Evangelista PT, **Daniels AH**. Evaluation of the utility of the Wells Score for predicting

- pulmonary embolus in patients admitted to the spine surgery service. Rhode Island Hospital 20th Annual Research Celebration, Providence, RI, October 11th, 2012.
11. **Daniels AH**, Koruprolu S, Paller DJ, Crisco JJ. Dynamic biomechanical examination of the lumbar spine with implanted total spinal segment replacement (TSSR) utilizing a pendulum system. Rhode Island Hospital 20th Annual Research Celebration, Providence, RI, October 11th, 2012.
 12. **Daniels AH**, Daiello LA, Badger J, Born CT, Hayda R, Ott BR, Szaro J, Cooper MR. Cognitive assessment following hip fracture in the elderly (CAFÉ study). Rhode Island Hospital 20th Annual Research Celebration, Providence, RI, October 11th, 2012.
 13. **Daniels AH**, Feller RJ, Cohen A, Palumbo MA. Lumbar spinal stenosis: evaluation of information on the Internet. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 6-9th, 2013.
 14. Wang J, Christino MA, Palumbo MA, Ritterman SA, Rienert S, Born CT, **Daniels AH**. Evaluation of the utility of the Wells Score for predicting pulmonary embolus in patients admitted to the spine surgery service. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 6-9th, 2013.
 15. Esmende S, **Daniels AH**, Koruprolu S, Paller D, Palumbo MA, Crisco JJ. Dynamic Biomechanical Examination of the Cervical Spine Using a Novel Pendulum System. International Society for Advancement of Spine Surgery (ISASS13), Vancouver, BC, Canada, April 3-5, 2013.
 16. Wang J, Christino MA, Ritterman SA, Thakur NA, Rienert S, Palumbo MA, Born CT, Evangelista PT, **Daniels AH**. Evaluation of the utility of the Wells Score for predicting pulmonary embolus in patients admitted to the spine surgery service. International Society for Advancement of Spine Surgery (ISASS13), Vancouver, BC, Canada, April 3-5, 2013.
 17. **Daniels AH**, Paller DJ, Kroluprolu S, McDonnell M, Palumbo MA, Crisco JJ. Damping of Oscillating Rotational Motion of the Lumbar Spine with and without Implanted Total Spinal Segment Replacement. International Society for Advancement of Spine Surgery (ISASS13), Vancouver, BC, Canada, April 3-5, 2013.
 18. Young M, Christino MA, Ritterman SA, Thakur NA, Rienert S, Palumbo MA, Born CT, Evangelista PT, **Daniels AH**. Evaluation of the utility of the Wells Score for predicting pulmonary embolus in patients admitted to the orthopaedic trauma service. Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19th, 2013.
 19. **Daniels AH**, DePasse JM, Magill ST, Fischer S, Ames CP, Hart RA. Optimization of spine deformity surgery training: a national survey of residency and spine fellowship program directors. 20th International Meeting on Advanced Spine Techniques (IMAST), Vancouver, British Columbia, Canada, July 10-13th, 2013.

20. Daiello L, **Daniels AH**, Lareau C, Robidoux K, Luo W, CAFE Study Group. Association of unrecognized preoperative cognitive impairment with postoperative cognitive and functional outcomes in elderly people awaiting hip fracture repair. Alzheimer's Association International Conference 2013, Boston, Massachusetts, July 13-18th, 2013.
21. **Daniels AH**, DePasse JM, Magill ST, Fischer S, Ames CP, Hart RA. Optimization of spine deformity surgery training: a national survey of residency and spine fellowship program directors. 48th Scoliosis Research Society (SRS) Annual Meeting & Course, Lyon, France, September 18-21, 2013 -Winner: John H. Moe Award for Best Basic Science Poster Presentation.
22. McDonnell M, Paller DL, **Daniels AH**, Koruprolu S, Thakur NA, Palumbo MA. Biomechanical Analysis of Pedicle Screw Fixation Constructs for Stabilization of Thoracolumbar Burst Fractures. 28th Annual North American Spine Society (NASS) meeting, New Orleans, LA, October 9-12th, 2013.
23. **Daniels AH**, Daiello LA, Badger J, Born CT, Hayda R, Ott BR, Szaro J, Cooper MR. Preoperative cognitive impairment, pain, and psychological stress in hospitalized elderly patients awaiting surgery for hip fracture. 29th Annual Meeting of the Orthopaedic Trauma Association (OTA), Phoenix, AZ, October 9 – 12th, 2013.
24. Esmende SM, **Daniels AH**, Paller DP, Kroluprolu S, Palumbo MA, Crisco JJ. Biomechanical Analysis of Volumetric Bone Mineral Density and Anterior Screw Fixation in a Type II Odontoid Fracture Model. 41st Annual Cervical Spine Research Society Meeting, December 5th-7th, 2013.
25. **Daniels AH**, DePasse M, Magill ST, Fischer S, Palumbo MA, Ames C, Hart RA. The Current State of US Spine Surgery Training: a Survey of Residency and Spine Fellowship Program Directors. 41st Annual Cervical Spine Research Society Meeting, Los Angeles, CA, December 5th-7th, 2013.
26. Bariteau JT, Grabel Z, **Daniels AH**, DiGiovanni CW. Prospective Analysis of a Novel Orthopaedic Residency Advocacy Education Program. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 11th-15th, 2014.
27. Esmende SM, **Daniels AH**, Paller DP, Kroluprolu S, Palumbo MA, Crisco JJ. Biomechanical analysis of volumetric bone mineral density and anterior screw fixation in an odontoid fracture model. 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, LA, March 15th-18th, 2014.
28. Bariteau JT, Grabel Z, **Daniels AH**, Gotha H, DiGiovanni CW. Prospective Analysis of a Novel Orthopaedic Residency Advocacy Education Program. Council of Orthopaedic Residency Directors Conference (CORD), AOA/COA Combined Meeting, Montreal, Quebec, June 20th-21st, 2014.
29. **Daniels AH**, DePasse M, Magill ST, Fischer S, Palumbo MA, Ames C, Hart RA. The Current State of US Spine Surgery Training: a Survey of Residency and Spine Fellowship Program

Directors. Council of Orthopaedic Residency Directors Conference (CORD), AOA/COA Combined Meeting, Montreal, Quebec, June 20th-21st, 2014.

30. Dekey DG, Fox HM, Kondo A, Hayda AV, Garcia DR, **Daniels AH**, Born CT. The Characterization of Biofilm Formation on Spinal Implants of Varying Compositions. Brown Summer Research Symposium, Providence, RI, September 7th, 2014.
31. Fox HM, Dekey DG, Kondo A, Hayda AV, Garcia DR, **Daniels AH**, Jarrell JD, Born CT. Visualization and Characterization of Bacterial Biofilm on Orthopaedic Trauma Explants. Brown Summer Research Symposium, Providence, RI, September 7th, 2014.
32. Fox HM, Dekey DG, Kondo A, Hayda AV, Garcia DR, **Daniels AH**, Jarrell JD, and Born CT. Visualization and Characterization of Bacterial Biofilm on Orthopaedic Trauma Explants. Lifespan Annual Research Celebration, Providence, RI, October 2nd, 2014.
33. Dekey DG, Fox HM, Kondo A, Hayda AV, Garcia DR, **Daniels AH**, Jarrell JD, and Born CT. Characterization of Biofilm Formation on Spinal Implants of Varying Compositions. Lifespan Annual Research Celebration, Providence, RI, October 2nd, 2014.
34. Waryasz GR, Suric V, **Daniels AH**, Gil J, Ebersson CP. CrossFit® Instructor Demographics, Current Practice Trends and Common Injuries. Lifespan Annual Research Celebration, Providence, RI, October 2nd, 2014.
35. **Daniels AH**, Ames CP, Smith JS, Hart RA. Variability in spine surgery procedures performed during Orthopaedic and Neurological Surgery residency training: an analysis of ACGME case log data. North American Spine Society 29th Annual Meeting, San Francisco, CA, November 12th-15th, 2014.
36. **Daniels AH**, Grabel Z, Vigneswaran H, Ebersson CP, Palumbo MA. Surgical treatment of Pediatric Spinal Deformity in the United States from 1997 to 2009: An Analysis of 22,823 Patients. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 4-7th, 2015.
37. **Daniels AH**, Ames CP, Grabel Z, Smith JS, Hart RA. Variability in spine surgery procedures performed during Orthopaedic and Neurological Surgery residency training: an analysis of ACGME case log data. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 4-7th, 2015.
38. **Daniels AH**, Vigneswaran H, Ebersson CP, Palumbo MA. Surgical treatment of Pediatric Spinal Deformity in the United States from 1997 to 2009: An Analysis of 22,823 Patients. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, March 24th-27th, 2015.
39. Hart RA, DePasse JM, **Daniels AH**. Failure to Launch: What the Rejection of Lumbar Total Disc Replacement Tells Us About American Spine Surgery. Lumbar Spine Research Society,

Chicago, IL, April 9th-10th, 2015.

40. **Daniels AH**, Vigneswaran H, Ebersson CP, Palumbo MA. Pediatric Spinal Deformity Surgery in the United States: Surgical Approach, Complications, and Hospital Charges From 1997 To 2012. Annual Meeting of the Pediatric Orthopaedic Society of North America, Atlanta, GA, April 29th-May 2nd, 2015.
41. Miller S, Vigneswaran H, Merritt A, Ebersson CP, Palumbo MA, **Daniels AH**. Nonwhite Patients Incur Greater Hospital Charges and Have Greater Length of Stay Compared to White Patients Following Surgical Treatment of Adult Spinal Deformity. RI ACP 2015 Resident/Fellow Forum Competition. Pawtuxet, RI, May 7th, 2015.
42. Deckey DG, Zega A, Fox HM, Konda A, Garcia D, **Daniels AH**, Ebersson C, Jarrell JD, Born CB. A Silver-Doped TiO₂-PDMS Hybrid Coating to Deter Infection in Orthopaedic Surgery. Brown Public Health Research Day. Providence, RI, April 16th, 2015.
43. Eltorai AE, **Daniels AH**. Readability of American Academy of Orthopaedic Surgeons' online patient education materials. 128th Annual Meeting of the American Orthopaedic Association, Providence, RI, June 24th-27th, 2015.
-AOA Top 10 Poster Selection
44. **Daniels AH**, Shah K, Vigneswaran H, Ebersson CP, Palumbo MA. Complication Rates and Cost of Pediatric Spinal Deformity Surgery in the United States from 1997 to 2012. 128th Annual Meeting of the American Orthopaedic Association, Providence, RI, June 24th-27th, 2015.
45. Klineberg E, Iyer S, Zebala LP, Kelly MP, Hart, RA, Gupta M, Hamilton DK, Mundis GM, Sciubba D, Ames CP, **Daniels AH**, Smith J, Lafage V, Burton D, Kim HJ. Dural Tears do not Affect Outcomes or Rates of Other Associated Complications in Adult Spinal Deformity Surgery. 30th Annual North American Spine Society (NASS) meeting, Chicago, IL, October 14-18th, 2015.
46. International Spine Study Group, Smith JS, Lafage V, Shaffrey CI, 10 others, **Daniels AH**, 6 others, Ames CP. Prospective Multicenter Assessment of Early Complication Rates Associated with Adult Cervical Deformity Surgery in 78 Patients. 30th Annual North American Spine Society (NASS) meeting, Chicago, IL, October 14-18th, 2015.
47. Grabel Z, Vigneswaran H, Ebersson CP, Palumbo MA, **Daniels AH**. Postoperative Transfusion Rates, Complications, and Hospital Charges Following Surgical Treatment of Adolescent Idiopathic Scoliosis in the United States from 1997 to 2012. 30th Annual North American Spine Society (NASS) meeting, Chicago, IL, October 14-18th, 2015.
48. Eltorai ADM, Sinha I, Kalagara S, **Daniels AH**. Readability of patient education materials on the British Society for Surgery of the Hand website. British Society for Surgery of the Hand Autumn Meeting, London England, October 15th-16th, 2015.
49. Merritt AC, Vigneswaran H, Miller S, DePasse JM, Shah K, Ebersson CP, Palumbo MA, **Daniels AH**. Obese Adult Spinal Deformity Patients with Complications have Lower Hospital Charges

- and Length of Stay then Non-obese Patients. 23rd Hospitals Research Symposium, Providence, RI October 29th, 2015.
50. Eltorai AEM, Naqvi SS, Ghanian S, Ebersson CP, Weiss APC, Born CT, **Daniels AH**. Readability of Invasive Procedure Consent Forms. 23rd Hospitals Research Symposium, Providence, RI October 29th, 2015.
 51. Gil JA, Waryasz GR, Liu D, **Daniels AH**. Influence of Medical Student Debt on Career Choice. 23rd Hospitals Research Symposium, Providence, RI October 29th, 2015.
 52. Gil JA, Park S, **Daniels AH**. Variability in United States Allopathic Medical School Tuition. 23rd Hospitals Research Symposium, Providence, RI, October 29th, 2015.
 53. Gil J, **Daniels AH**, Akelman EA. Resident Exposure to Peripheral Nerve Surgical Procedures During Residency Training, American Association for Hand Surgery Annual Meeting, Scottsdale, AZ, January 13th-16th, 2016.
 54. Gil J, Eltorai AEM, Weiss APC, **Daniels AH**. Variability in Surgical Case Volume of Orthopaedic Surgery Residents from 2007-2013. ACGME Annual Educational Conference, National Harbor, MD, February 24th-28th, 2016.
 55. DePasse JM, Palumbo MA, Ebersson CP, **Daniels AH**. Academic Characteristics of Orthopaedic Surgery Residency Applicants from 2007 to 2014. 2016 American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 1st-5th, 2016.
 56. Garcia D, **Daniels AH**, Zega AM, Deckey DG, Kondo A, Jarrell JD, Ebersson CP, Green A, Hayda R, Born CT. Characterization of the Adherence Patterns and Biofilm Density of Commonly Encountered Bacterial Pathogens to Spinal Instrumentation of Differing Compositions. Orthopaedic Research Society 2016 Annual Meeting, Orlando, FL, March 5th-8th, 2016.
 57. Rastegar F, Contag A, **Daniels AH**, Hiratzka J, Lin C, Chang J, Than K, Raslan A, Kong C, Nguyen N, Hostin R, Robert Hart. Proximal Junctional Failure Severity Scale (PJFSS); inter- and intra-observer reliability. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
 58. Rastegar F, Contag A, **Daniels AH**, Hiratzka J, Lin C, Than K, Raslan A, Kong C, Nguyen N, Hart RA. Proximal Junctional Kyphosis: Inter- and Intra-observer reliability in Adult Spinal Deformity. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
 59. DePasse JM, Palumbo MA, Hart RA, **Daniels AH**. Early Subspecialization in Orthopedic Spine Surgery Training. Lumbar Spine Research Society, Chicago, IL, April 14th, 2016.
 60. Sargent R, DePasse JM, Palumbo MA, **Daniels AH**. Predictive Factors in Compartment Syndrome Malpractice Litigation. 2016 AOA Annual Meeting, Seattle, WA, June 22nd-25th, 2016.

61. DePasse JM, Palumbo MA, Hart RA, **Daniels AH**. Early Subspecialization in Orthopedic Spine Surgery Training. Council of Orthopaedic Residency Directors Conference (CORD), AOA/COA Combined Meeting, Seattle, WA, June 24th-25th, 2016.
62. Gil J, Owens, B, **Daniels AH**. Variability of Arthroscopy Case Volume in Orthopaedic Surgery Residency. Council of Orthopaedic Residency Directors Conference (CORD), AOA/COA Combined Meeting, Seattle, WA, June 24th-25th, 2016.
63. Ramchandran S, Protopsaltis TS, Sciubba DM, Scheer JK, **Daniels AH**, Passias PG, Lafage V, Kim HJ, Mundis GM, Klineberg EO, Hart RA, Smith JS, Shaffrey CI, Ames CP, International Spine Study Group. International Spine Study Group. Upper Cervical and Infra-cervical Compensation in Cervical Deformity Patients. Scoliosis Research Society, Prague, Czech Republic, September 21st-24th, 2016.
64. Hamilton DK, Buza J, Passias P, 7 authors, **Daniels AH**, 6 authors, ISSG. The Fate of Adult Spinal Deformity (ASD) Patients Incurring Rod Fracture after Thoracolumbar Fusion without Prior Three-Column Osteotomy. North American Spine Society, Boston MA, October 26th-28th, 2016.
65. **Daniels AH**, Line B, Lafage V, 10 authors, ISSG. When Do Surgeons Choose Upper Thoracic versus Lower Thoracic Proximal End Point for Fusion of Adult Spinal Deformity Patients? North American Spine Society, Boston MA, October 26th-28th, 2016.
66. Smith JS, Line B, Bess S, Shaffrey CI, Kim HJ, Mundis G, Scheer JK, Klineberg E, O'Brien M, Hostin R, Gupta M, **Daniels AH**, Kelly M, Gum JL, Schwab FJ, Lafage V, Lafage R, Ailon T, Passias P, Protopsaltis T, Albert TJ, Riew KD, Hart R, Burton D, Deviren V, Ames CP, ISSG. The health impact of adult cervical deformity in patients presenting for surgical treatment: comparison to United States population norms and chronic disease states based on the EQ-5D. North American Spine Society, Boston MA, October 26th-28th, 2016.
67. Smith JS, Shaffrey CI, Kim HJ, 10 authors, **Daniels AH**, 12 authors, ISSG. Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment with One-Year Follow-Up. North American Spine Society, Boston MA, October 26th-28th, 2016.
68. Miller E, Neuman BJ, Sciubba DM, 3 authors, **Daniels AH**, 7 authors, ISSG. Comparison of Frailty Based on Cervical and Global SVA Classification. North American Spine Society, Boston MA, October 26th-28th, 2016.
69. Miller EK, Jain A, **Daniels AH**, Neuman BJ, Soroceanu A, Ailon T, Sciubba SM, Bess S, Line B, Lafage V, Scheer JK, Kebaish KM, Smith JS, Ames CP, International Spine Study Group. Assessment of a Novel Adult Spinal Deformity (ASD) Frailty Index (ASD-FI) to Assist with Risk Stratification for ASD Surgery. North American Spine Society, Boston MA, October 26th-28th, 2016.
70. Miller S, Donegan S, Voigt N, Eltorai A, **Daniels AH**, Shetty T. Transcranial Motor-Evoked Potentials for Prediction of Postoperative Neurologic Deficit Following Surgery for

- Thoracolumbar Scoliosis. North American Spine Society, Boston MA, October 26th-28th, 2016.
71. Ruttiman, R, Eltorai AEM, DePasse JM, Palumbo MA, **Daniels AH**. Cervical Spine Malpractice Litigation. Cervical Spine Research Society, Toronto Canada, December 2nd, 2016.
 72. Bokshan SL, Ruttiman R, Eltorai AEM, DePasse JM, Palumbo MA, **Daniels AH**. Factors Associated with Outcome of Litigation Following Total Hip and Knee Arthroplasty. American Academy of Orthopaedic Surgeons, San Diego, CA, March 17th, 2017.
 73. Bokshan SL, Ruttiman R, Eltorai AEM, DePasse JM, **Daniels AH**, Owens BD. Epidemiology and Factors Associated with Physician Loss in Anterior Cruciate Ligament Reconstruction Malpractice Lawsuits. American Academy of Orthopaedic Surgeons, San Diego, CA, March 17th, 2017.
 74. Durand W, Johnson J, Li N, Eltorai AEM, Depasse JM, **Daniels AH**. Hospital Teaching Status and Ownership Affect Perioperative Outcomes Following Lumbar Spinal Fusion. Lumbar Spine Research Society, Chicago, IL, April 6th, 2017.
 75. DePasse JM, Nzeogu MI, Travers C, Mulcahey MK, Palumbo MA, Marsh JL, Hart R, **Daniels AH**. Early Subspecialization in Orthopaedic Surgery Training. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 76. Kleiner J, Eltorai AEM, Rubin LE, **Daniels AH**. Matched Cohort Analysis of Total Knee Arthroplasty in Patients with and without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 77. Kleiner J, Eltorai AEM, **Daniels AH**. Matched Cohort Analysis of Elective Lumbar Spinal Fusion in Patients with and without Parkinson's Disease: Complications, Length of Stay, and Hospital Charges. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 78. DePasse JM, Ruttiman R, Eltorai AEM, Palumbo MA, **Daniels AH**. Assessment of Malpractice Claims due to Spinal Epidural Abscess. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 79. Bokshan SL, Ruttiman R, Eltorai AEM, DePasse JM, **Daniels AH**, Owens BD. Factors Associated with Physician Loss in ACL Reconstruction Malpractice Lawsuits. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 80. DePasse JM, Haglin J, Eltorai AEM, Mulcahey M, Ebersson C, **Daniels AH**. Orthopedic In-Training Examination Question Metrics and Resident Test Performance. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
 81. Ruttiman R, Eltorai AEM, DePasse JM, Brea Bielinsky, **Daniels AH**, Palumbo MA. Malpractice Litigation Following Spine Surgery. The American Orthopaedic Association 2017 Meeting,

Charlotte, NC, June 20-24, 2017.

82. Bokshan SL, Ruttiman R, Eltorai AEM, DePasse JM, Antoci V, **Daniels AH**. Factors Associated with Outcome of Litigation Following Total Hip and Knee Arthroplasty. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
83. Bokshan SL, Marcaccio S, DePasse JM, Iyengar R, Eltorai AEM, **Daniels AH**. Inpatient Costs and Blood Transfusion Rates of Sarcopenic Patients Following Thoracolumbar Spine Surgery. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
84. Bokshan SL, Han A, DePasse JM, Eltorai AEM, Marcaccio S, Palumbo MA, **Daniels AH**. Impact of Sarcopenia on Post-Operative Morbidity and Mortality Following Thoracolumbar Spine Surgery. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
85. **Daniels AH**, Eltorai AEM, Baird GL, Yanney K, Marsh JL, Hart R. AOA Critical Issues: The Importance of Mentorship during Orthopaedic Surgery Residency. The American Orthopaedic Association 2017 Meeting, Charlotte, NC, June 20-24, 2017.
86. Goodman AD, Johnson JP, **Daniels AH**, Kleiner J, Gil JA, Hayda RA. Fixation, Arthroplasty, and Conservative Management of Proximal Humerus Fractures: An Analysis of 468,922 Patients from 2002-2012. iPoster presentation at: American Society for Surgery of the Hand (ASSH) , San Francisco, CA, 2017.
87. Goodman AD, Johnson JP, Kleiner J, Gil JA, **Daniels AH**. The Expanding Use of Arthroplasty for Distal Humerus Fractures: Management of 106,237 Patients from 2002-2012. iPoster presentation at: American Society for Surgery of the Hand (ASSH), San Francisco, CA, 2017.
88. Raad M, Gupta M...7 authors...**Daniels AH**...5 authors, ISSG. The S2AI Technique Has a Lower Complication Rate Compared to Iliac Screws: A Multicenter Study of 418 Adult Spinal Deformity Patients. Scoliosis Research Society, Philadelphia, PA, September 2017.
89. Miller SM, DePasse JM, Marcaccio S, Kalagra S, Eltorai AE, Palumbo MA, **Daniels AH**. Predictors of increasing hospital costs following adult spinal deformity surgery. American College of Surgeons, San Diego, CA, October 22, 2017.
90. DePasse JM, Durand WM, Palumbo MA, **Daniels AH**. Timing of Complications following Posterior Cervical Fusion. Cervical Spine Research Society Meeting, Hollywood, Florida, November 2017.
91. Mayfield C, ...3 authors, **Daniels AH**, Ebersson C, Green A, Born CT. Early adherence and biofilm formation of *P. Acnes* on material of orthopaedic relevance. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10th, 2018.
92. Bokshan SL, Depasse JM, Eltorai AE, **Daniels AH**. Inpatient costs and blood transfusion rates of sarcopenic patients following thoracolumbar spine surgery. American Academy of Orthopaedic

Surgeons, New Orleans, LA, March 6-10th, 2018.

93. Depasse JM, Durand WM, Palumbo MA, **Daniels AH**. Timing of complications following posterior cervical fusion. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10th, 2018.
94. Kleiner JE, Eltorai AE, Rubin LE, **Daniels AH**. Matched cohort analysis of total knee arthroplasty in patients with and without Parkinsons disease: complications, mortality, length of stay, and hospital charges. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10th, 2018.
95. Passias P...13 authors, **Daniels AH**...2 authors, ISSG. The relationship between improvements in myelopathy and sagittal alignment in cervical deformity surgery. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10th, 2018.
96. Passias PG, 5 authors, **Daniels AH**, 10 authors, ISSG. Probability of Severe Frailty Development Among Operative and Nonoperative Adult Spinal Deformity Patients: An Actuarial Survivorship Analysis Over a Three Year Period. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
97. Kalagara S, Kuris EO, Eltorai A, DePasse JM, **Daniels AH**. Predictive Factors of Positive Online Patient Ratings of Spine Surgeons. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
98. Johnson J, Babu J, Durand W, Eltaorai A, Patel S, **Daniels AH**. Recognition and Management of Emergent versus Nonemergent Spinal Pathology Amongst First-Line Providers. North American Spine Society Annual Meeting. Los Angeles, CA, September 27th, 2018.
99. Kleiner J, Eltorai AE, Rubin L, **Daniels AH**. Matched Cohort Analysis of Total Hip Arthroplasty in Patients With and Without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges. AAHKS Annual Meeting, Dallas TX, November 1-4th, 2018.
100. Li NY, Kalagara S, Hershey A, Eltorai, Daniels AH, Cruz AI. Racial and Economic Disparities in the Open Treatment of Pediatric Extremity Fractures. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
101. Reid D, Shah K, Altorai AE, Got CJ, **Daniels AH**. Epidemiology of finger amputations in the United States from 1997 to 2016. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
102. Durand WM, Depasse JM, Bokshan SL, Eltaorai AE, **Daniels AH**. Tobacco Use and Complications Following Spinal Fusion: A Comparison of the NSQIP and NIS Datasets. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
103. Ahmed S, Naqvi SJ, Eltorai AE, Defroda S, **Daniels AH**. Factors Associated with Fracture-related Malpractice Litigation. American Academy of Orthopedic Surgeons, Las Vegas, NV,

March 12th, 2019.

104. Durand WM, Goodman A, Johnson J, **Daniels AH**. Assessment of 30-day Mortality and Complication Rates Associated with Extended Deep Vein Thrombosis Prophylaxis Following Hip Fracture Surgery. American Academy of Orthopedic Surgeons, Las Vegas, NV, March 12th, 2019.
105. Reid D, Shah K, Akelman EA, **Daniels AH**. Opioid Limiting Legislation Effective in Decreasing Utilization Following Lumbar Spine Surgery. American Orthopaedic Association 132nd Annual Meeting, Sand Diego, CA, June 25-29th, 2019.
106. Shah KN, Reid DR, Ruddell J, Shapiro B, **Daniels AH**, Akelman E. Opioid-Limiting Legislation and Hand Surgery. American Society for Surgery of the Hand (ASSH) Annual Meeting. Las Vegas, NV, USA. September 5-7, 2019.
107. Goodman AD, Li NY, Elia GF, Shah KN, Akelman E, **Daniels AH**. Risk Factors and Complications Associated with Prolonged Opioid Use Following Surgical Management of Thumb Carpometacarpal Arthritis. American Society for Surgery of the Hand (ASSH) Annual Meeting 2019, Las Vegas, NV.
108. Durand WM, **Daniels AH**, 15 authors, ISSG. Neural Network Utilization for the Automated Extraction of Schwab Modifiers from Plain Radiographs in Adult Spinal Deformity Patients. International Meeting on Advanced Spinal Techniques, Amsterdam, Holland, July 18-20th, 2019.
109. Rudell J, DePasse JM, Tang O, **Daniels AH**. Timing of Surgery for Thoracolumbar Spine Trauma: Patients without Neurologic Injury. International Meeting on Advanced Spinal Techniques, Amsterdam, Holland, July 18-20th, 2019.
110. Haglin JM, 5 authors, **Daniels AH**. An Analysis of United States Medicare Reimbursement Rates for Spine Surgery: 2010-2018. International Meeting on Advanced Spinal Techniques, Amsterdam, Holland, July 18-20th, 2019.
111. Passias P, et al. Defining symptomatic versus radiographic distal junctional kyphosis after cervical deformity-corrective surgery. North American Spine Society, Chicago, IL, September 26th, 2019.
112. Reid D, et al. Opioid-limiting legislation effectively decreases 30-day opioid utilization following anterior cervical decompression and fusion. North American Spine Society, Chicago, IL, September 26th, 2019.
113. Protopsaltis T, et al. PI and age-optimal alignment within the fusion in ASD surgery improves outcomes and minimizes mechanical failures? North American Spine Society, Chicago, IL, September 26th, 2019.
114. Passias P, et al. Global spinal deformity from the upper cervical perspective: what is “abnormal” in the upper cervical spine? North American Spine Society, Chicago, IL, September 26th, 2019.

115. Durand W, et al. A data-driven approach to assessment of sagittal alignment: defining the spinopelvic ratio's impact on clinical outcomes in adult spinal deformity patients. North American Spine Society, Chicago, IL, September 26th, 2019.
116. Haglin J, et al. An analysis of Medicare reimbursement rates in spine surgery: 2000-2018. North American Spine Society, Chicago, IL, September 26th, 2019.
117. Kuris E, et al. Timing of surgical decompression for cauda equina syndrome. North American Spine Society, Chicago, IL, September 26th, 2019.
118. **Daniels AH**, et al. Sexual dysfunction due to lumbar stiffness is not diminished following adult spinal deformity surgery. North American Spine Society, Chicago, IL, September 26th, 2019.
119. AOSSM Annual Meeting, Seattle, WA, July 9-12th, 2020.
120. Yang DS, Lemme NJ, Glasser J, **Daniels AH**, Antoci V. Early vs. Late Manipulation following TKA - Surgical Complications and Revisions. 30th Annual Meeting of the American Association of Hip and Knee Surgeons (AAHKS). November 5-8, 2020, Dallas, Texas.
121. Lemme NJ, Yang DS, Glasser J, Testa EJ, **Daniels AH**, Antoci V. COPD Associated with Prolonged Opiate Use, Increased Complications, Revision Surgery Following TKA. 30th Annual Meeting of the American Association of Hip and Knee Surgeons (AAHKS). November 5-8, 2020, Dallas, Texas.
122. Johnson K, Veeramani A, Aluthge D, Chen ES, **Daniels AH**, Cohen, EM. Machine Learning to Predict Length of Stay for Revision Hip Arthroplasty. ORS Annual Meeting February 12-16, 2021, Virtual.
123. Glasser J, Antoci V, McDonald C, Yang DS, **Daniels AH**, Barrett T. Patient Perceptions Of COVID-19 In Orthopaedic Practice. Annual Meeting of the Orthopaedic Research Society (ORS). February 12-16, 2021, Virtual.
124. Glasser J, Yang DS, Lemme NJ, Quinn M, **Daniels AH**, Antoci V. Chronic Obstructive Pulmonary Disease Increases Complications, Revisions, And Opioid Use In Patients Undergoing Total Hip Arthroplasty. Annual Meeting of the Orthopaedic Research Society (ORS). February 12-16, 2021, Virtual.
125. Yang DS, Lemme NJ, Glasser J, **Daniels AH**, Antoci V. Early Vs. Late Manipulation Following TKA- Surgical Complications And Revisions. Annual Meeting of the Orthopaedic Research Society (ORS). February 13-16, 2021, Long Beach, CA.
126. Lemme NJ, Yang D, Glasser J, Testa E, **Daniels AH**, Antoci V. Chronic Obstructive Pulmonary Disease Is Associated With Prolonged Opiate Use, Increased Short-term Complications and The Need For Revision Surgery Following Total Knee Arthroplasty. Annual Meeting of the Orthopaedic Research Society (ORS). February 12-16, 2021, Virtual.

127. Testa EJ, Haglin JM, Li NY, Moore ML, Gil JA, **Daniels AH**, Paxton ES. Temporal and Geographic Trends in Medicare Reimbursement of Primary and Revision Shoulder Arthroplasty; 2000 to 2020. AAOS Annual Meeting 2021.
- 128-131. 4 poster presentations: AAOS Annual Meeting, San Diego, CA, September 2021.
- 132-139. 8 poster presentations: North American Spine Society, Boston, MA, September 2021.
- 140-147. 8 poster presentations: AAOS Annual Meeting, Chicago, IL, March 2022.
148. McDonald CL, Alsoof D, Lemme NJ, Johnson KG, Kuczmarski AS, Daniels AH, Cohen EM. Underweight Patients are at Increased Risk for Complications following Total Hip Arthroplasty. AAHKS Annual Meeting. Grapevine, Tx, November 2022.
- 149-151. 3 poster co-authorships. SRS, Stockholm, Sweden, September 2022.
- 152-160. 8 poster co-authorships. NASS, Chicago, IL, October 2022.
- 161-163. 3 poster co-authorships. Scoliosis Research Society 58th Annual Meeting; September 6-9, 2023; Seattle, WA.
164. 1 poster co-authorship. Eurospine, Frankfurt, Germany, October 2023.
165. 1 poster co-authorship. NASS, Los Angeles, CA, October 2023.
166. 1 poster co-authorship. ISDS, New York, NY, December 2023.
- 167-169. 3 poster co-authorships. AAHS, Nassau, Bahamas, January 2024.

INVITED PRESENTATIONS (NATIONAL/INTERNATIONAL)

1. “Adult Spinal Deformity: Surgical Planning and Complications”. Instructional Course Lecture Faculty. American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 3rd, 2016.
2. “Instrumentation Complications in Adult Spinal Deformity”. New England Biosystems Education Series. Waltham, MA, April 5th, 2016.
3. “Collateral Adverse Outcomes of Lumbar Spine Surgery”. 4th Annual Instructional Course Lecture of the Lumbar Spine Research Society, Chicago, IL, April 15th, 2016.
4. “Posterior Osteotomies versus Anterior Release: How Much can be Achieved?”. SIEDI Master Meeting Scoliosis, Boston MA, October 25th, 2016.
5. “Instrumentation Complications in Adult Degenerative Scoliosis”. SIEDI Master Meeting Scoliosis, Boston MA, October 25th, 2016.

6. "Revision Strategies Following AIS Surgery". SIEDI Master Meeting Scoliosis, Boston MA, October 25th, 2016.
7. "Adult Spinal Deformity: Surgical Planning and Complications". Instructional Course Lecture Faculty. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA, March 17th, 2017.
8. "Adult Spinal Deformity: Surgical Planning and Complications". Instructional Course Lecture Faculty. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March 9th, 2018.
9. "Orthopedic Surgery Training: Perspectives of a Spinal Deformity Surgeon". Grand Rounds: University of Massachusetts Department of Orthopedics, Worcester, MA, May 23rd, 2018.
10. "Adult Spinal Deformity: Surgical Planning and Complications". Instructional Course Lecture Faculty. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, March 13th, 2019.
11. "Adult Spinal Deformity Surgery and Patient Productivity". UConn Orthopedic Journal Club, Featured Guest Speaker. Farmington, CT, February 28th, 2022.
12. "Orthopedic Surgeon Burnout". Connecticut Orthopedic Society. Hartford, CT, May 6th, 2022.
13. "Role of Lumbar Lordosis Redistribution and Axial Plane Deformity in PJK after Spinal Realignment". Virtual Global Spine Conference, October 2022.
14. "Flatback Syndrome: Origins and Future of Sagittal Spinal Deformity". 7th Annual Adult Spinal Deformity Symposium. Seattle Science Foundation. Seattle, WA, October 29th, 2022.
15. "3-CO or no 3-CO? How to Decide". 8th Annual International Spinal Deformity Symposium. New York, NY, December 2nd, 2022.
16. "How AI and Enabling Technologies are Changing the Way We Practice Spine Surgery". 8th Annual International Spinal Deformity Symposium. New York, NY, December 2nd, 2022.
17. "Tethering for Proximal Junctional Kyphosis Prevention". 9th Annual International Spinal Deformity Symposium. New York, NY, December 9th, 2023.

INVITED PRESENTATIONS (LOCAL)

1. "Variability in rates of fusion procedures for patients with cervical spine injuries with and without associated spinal cord injury". Authors: **Daniels AH**, Arthur M, Hart RA. 23rd Annual OHSU Student Research Forum, Portland, OR, May 11th, 2006.

2. “Variability in rates of fusion procedures for patients with thoracolumbar spine fractures with and without associated neurological injury”. Authors: **Daniels AH**, Arthur M, Hart RA. 25th Annual OHSU Student Research Forum, Portland, OR, May 8th, 2008.
3. “Management of Open Fractures”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Surgery Resident Teaching Conference, Providence, RI, June 30, 2008.
4. “Upper Extremity Casting”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Intern Teaching Conference, Providence, RI, July 12, 2010.
5. “Dynamic biomechanical examination of the cervical spine utilizing a pendulum system”. Authors: **Daniels AH**, Paller DJ, Crisco JJ. COBRE and Orthopaedic Research Meeting at Brown University, Providence, RI, September 1st, 2010.
6. “Spine Arthroplasty”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital, Department of Orthopaedics, Grand Rounds, Providence, RI, February 15th, 2012.
7. “Thoracolumbar Spine Trauma Classification”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital, Department of Orthopaedics, Spine Journal Club, Providence, RI, December 12th, 2012.
8. “Orthopaedic Surgery as a Career”. Careers in Medicine Panel. Warren Alpert Medical School of Brown University. March 27th, 2013.
9. “ICE and Elevate: 1-year CRIT follow-up”. 2nd Annual CRIT Conference. Mystic, CT. May 17th, 2013.
10. “Tibial Shaft Fractures”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 9th, 2013.
11. “Airway Complications Following Anterior Cervical Spine Surgery”. Young Lions Spine Course, Stryker Spine, Ft. Lauderdale, FL, September 20th, 2013.
12. “Thoracolumbar Spine Trauma”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 27th, 2013.
13. “Pediatric Spinal Deformity Surgery in Ghana”. Carroll M. Silver Travelling Fellowship Lecture, Providence, RI, October 1st, 2013.
14. “A Fellow’s Perspective on a Career in Orthopaedic Surgery”. Careers in Medicine Panel. Warren Alpert Medical School of Brown University. March 24th, 2014.
15. “Medial Malleolus Fixation- Strategy for avoiding malreduction”. Orthopaedic Quality

- Improvement Conference. Warren Alpert Medical School of Brown University. May 21st, 2014.
16. “Contemporary Orthopaedic Surgery Fellowship Training.” Danforth Lectureship. Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, May 28th, 2014.
 17. “Spine Surgery Basics”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, July 7th, 2014.
 18. “Cervical Spine Trauma”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 15th, 2014.
 19. “Thoracolumbar Spine Trauma”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 26th, 2014.
 20. “Modern Advanced in Spinal Deformity Treatment” New England Biosystems (Stryker) Rep Deformity Training, Mystic, CT, November 7th, 2014.
 21. “Iliac/Alar Fixation Options and Techniques”. New England Biosystems (Stryker) Rep Deformity Training, Mystic, CT, November 7th, 2014.
 22. “Upper Cervical Spine Trauma: Occiput to C2”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Multidisciplinary Spine Conference, Providence, RI, November 25th, 2014.
 23. “The Current State of US Spine Surgery Training”. SUNY/Brown University Alumni Meeting, Boston, MA, December 11th, 2014.
 24. “Life as an Orthopaedic Surgeon”. Careers in Medicine Panel. Warren Alpert Medical School of Brown University. February 2nd, 2015.
 25. “Orthopaedic and Spine Surgery in the Elderly”. Geriatric Medicine Grand Rounds. Warren Alpert Medical School of Brown University. May 28th, 2015.
 26. “Spine Trauma Evaluation and Radiographic Assessment”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, July 13th, 2015.
 27. “Cervical Spine Trauma”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 14th, 2015.
 28. “Thoracolumbar Spine Trauma”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 18th, 2015.

29. “Adult Spinal Deformity”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 25th, 2015.
30. “Orthopaedic Spine Surgery as a Career”. Wheeler School Biomedical Club, Providence, RI, December 15th, 2015.
31. “Spine Emergencies”. Brown University Emergency Medicine Department, Providence, RI, February 3rd, 2016.
32. “Geriatric Spinal Deformity”. Brown University Department of Geriatrics Grand Rounds, Providence, RI, March 24th, 2016.
33. “Spine Physical Exam”. Brown University Department of Internal Medicine Lecture Series, Providence, RI, March 30th, 2016.
34. “Spine Trauma Evaluation and Radiographic Assessment”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, July 28th, 2016.
35. “Adult Spinal Deformity”. Warren Alpert School of Medicine of Brown University/Rhode Island Hospital Department of Orthopaedic Surgery, Resident Teaching Conference, Providence, RI, September 30th, 2016.
36. “Adult Spinal Deformity- Assessment and Treatment”. Brown-Harvard-Yale Hands-on Spine Cadaver Course, Cumberland, RI, June, 9th, 2018.
37. “Adult Spinal Deformity- Evaluation and Treatment”. Brown-Harvard-Tufts-Yale Comprehensive Spine Course, Cumberland, RI, June, 1st, 2019.
38. “Operative Efficiency in Complex Spinal Surgery”. Stryker Invited Presentation. Providence, RI, June 26th, 2019.
39. “Radiation Safety in Orthopedic Surgery”. Brown University Orthopedic Department Grand Rounds, Providence, RI, December 11th, 2019.
40. “Mark Palumbo: Master Surgeon” Inagural Mark Palumbo, MD Annual Lectureship, Providence, RI, September 16th, 2020.
41. “Intelligence-Based Medicine: How AI and Enabling Technologies are Changing the way we Practice Spine Surgery” UNiD ASI Dinner Dialogue, Boston, MA, July 20th, 2023.
42. “Lumbar Alignment in the Normal, Degenerated, and Deformed Spine” Seattle Science Foundation TV, August 16th, 2023.
43. “Adult Spinal Deformity” Brown Neurosurgery-Orthopedics Cadaveric Spine Course Meeting,

Fall river, MA, September 16th, 2023.

44. “Mentorship in Spine Surgery” Brown Spine 15th Annual Meeting. Newport, RI, October 7th, 2023.

GRANTS

1. “Dynamic biomechanical examination of the lumbar and cervical spine utilizing a pendulum system”: Primary Investigator: Alan H Daniels, MD. \$5,800. Warren Alpert School of Medicine of Brown University, Department of Orthopedics Research Grant, Providence, RI. September, 2010.
2. “Dynamic biomechanical examination of the lumbar spine with implanted total disc arthroplasty utilizing a pendulum system”: Primary Investigator: Alan H Daniels, MD. \$37,278 implant donation. Synthes Spine, West Chester, PA. December, 2010.
3. “Bacterial adherence to spinal instrumentation of differing compositions”. Primary Investigator: Christopher T Born, MD. Primary Researcher: Alan H Daniels, MD. \$64,530. Stryker Spine, Kalamazoo, MI. March, 2013.
4. “Standardization of Evaluation and Treatment of Adult Spinal Deformity Patients”. Primary Investigator: Alan H Daniels, MD (on behalf of the ISSG). \$45,410. Orthofix, Dallas, TX. January 2017.
5. “Determining Upper Instrumented Vertebral Levels in Adult Spinal Deformity Surgery”. Primary Investigator: Alan H Daniels, MD (on behalf of the ISSG). \$25,000. Orthofix, Dallas, TX. May, 2018.
6. “Multicenter Prospective Evaluation of Complex Adult Spinal Deformity (CADS)”. Primary Investigator. Alan H Daniels (for study assistance via research fellowship). \$35,000. Orthofix, Dallas, TX. July, 2019.
7. “Use of railrods in Adult Spinal Deformity surgery; impact on rod failure and deformity correction”; Lead principal investigator. Alan H Daniels. \$62,450. Stryker Spine. September, 2020.
8. “Radiographic and Clinical Outcomes after Spine Surgery”. Lead principal investigator. Alan H Daniels. \$60,000. Stryker Spine. April 2022.
9. “Radiographic and Clinical Outcomes after Spine Surgery”. Lead principal investigator. Alan H Daniels. \$220,000. Orthofix. April 2022.
10. “Prevention of Proximal Junctional Kyphosis with Bilateral Suture Anchor Pedicular Fixation in the UIV + 1.” Co-Principal investigator. Eren Kuris/Alan Daniels. \$2,500. Scoliosis Research Society. August 2022.
11. “Chirico Orthopedic Spinal Trauma Research Fund”. \$1,000,000. April 2023.

UNIVERSITY TEACHING, ADVISING, AND MENTORSHIP ROLES

2011-2013	Medical Student mentor: Michelle Gosselin
2012-2013	Medical Student mentor: Matthew Young
2013	Thesis Reader, Wylie Luo Masters in Public Health (MPH): “Hospital Readmission of Hip Fracture Patients with Cognitive Dysfunction”
2012-2014	Medical Student mentor: Joanne Wang
2013-2019	Medical Student mentor: Adam Eltorai <i>-PhD Advisor</i>
2013-2014	Medical Student mentor: Zachary Grabel
2014	Summer Internship Director: Heather Sweeny (Brown Undergraduate Research)
2014-2015	Medical Student mentor: Alexander Merritt
2014-2015	Medical Student mentor: Samuel Miller
2014-2015	Medical Student mentor: Sarah Park
2014-2018	Resident mentor: J Mason DePasse, MD
2015-2018	Medical Student mentor: Roy Ruttiman
2016	2 nd Thesis Reader: Eric Nguyen Biology Sc. B.: “Antimicrobial Effects of a Silver-Doped Titanium Dioxide-PDMS Hybrid Coating against the Adherence and Proliferation of Multi-Drug Resistant <i>A. baumannii</i> on Spinal Rod Implants of Varying Compositions”
2016-2018	Undergraduate Student mentor: Joseph Johnson
2016-2018	Medical Student mentor: Jing Wang
2016-2020	Medical Student mentor: Wesley Durand
2016-2018	Medical Student mentor: Govind Shantharam
2015-present	Brown University Orthopaedic Residency Program: <i>-Orthopaedics In-Training Exam Preparation Course Director</i>
2016-2019	Masters Student mentor: Joshua Pangborn

-Masters Advisor

- 2018 2nd Thesis Reader: Anthony Minnah, Sc. B
- 2018-2022 Medical Student mentor: Daniel Yang
- 2019-2022 Medical Student Mentor: Davis Hartnet
- 2021-2023 Research Assistant: Daniels Alsoof, MBBS
- 2021-2022 Medical Student Mentor: George Anderson
- 2021-2022 Medical Student Mentor: Keir Johnson
- 2022-2023 Undergraduate Mentor: James Hong
- 2022-2024 Medical Student Mentor: Mariah Balmaceno-Criss
- 2023-2024 Postgraduate research fellow: Mohammad Daher

HOSPITAL TEACHING, ADVISING, and MENTORSHIP ROLES

- 2007-2008 Lab Instructor: Back and Neck Dissection, *Gross Anatomy, Imaging, and Embryology*. Oregon Health and Science University, School of Medicine.
- 2013-2014 Doctoring Instructor, Brown Medical School MS2 Doctoring Course
- 2013-2014 Co-Director: Brown Medical School Orthopaedic Surgery Interest Group
- 2015-2017 Community of Musculoskeletal Educators
- 2020-present RIH/TMH Lifespan Spine Surgery Efficiency and Cost Saving Initiative
- 2022-present TMH Robotic Spine Surgery Program Director