

Gerling MC, Jossart G, Duh QY, Weier HU, Clark OH, Young DM. Invasion of Human Follicular Thyroid Carcinoma Cells in an in vivo Invasion Model. *Thyroid*. 1999 Dec;9(12):1221-6. doi: 10.1089/thy.1999.9.1221

Gerling MC, Davis DP, Hamilton RS, Morris GF, Vilke GM, Garfin SR, Hayden SR. Effects of Cervical Spine Immobilization Technique and Laryngoscope Blade Selection on an Unstable Cervical Spine in a Cadaver Model of Intubation. *Ann Emerg Med* 2000 Oct;36(4):293-300. doi: 10.1067/mem.2000.109442

Gerling MC, Davis DP, Hamilton RS, Garfin SR, Hayden SR. Effect of Surgical Cricothyrotomy on the Unstable Cervical Spine in a Cadaver Model of Intubation. *J Emerg Med*. 2001 Jan;20(1):1-5. doi: 10.1016/S0736-4679(00)00287-0

Gerling MC, Pfirrmann CW, Farooki S, Kim C, Boyd GJ, Feng SA, Jacobson JA, Resnick D, Brage ME. Posterior Tibial Tendon Tears: Comparison of the Diagnostic Efficacy of MRI and Ultrasound for the Detection of Surgically Created Longitudinal Tears in Cadavers, *Invest Radiol*. 2003 Jan;38(1):51-6. doi: 10.1097/01:RLI.0000040852.70879.C8

Gerling MC, Authement L, Turley L, Kaye J. Long-Term Follow Up After Partial Fasciectomy for Dupuytren's Contracture Using the Disability of Arm, Shoulder and Hand (DASH) and Patient Rated Wrist/Hand Evaluation (PRWHE) Questionnaires. Manuscript in Progress.

Gerling MC, Bohlman HH. Dropped Head Deformity due to Cervical Myopathy: Surgical Treatment Outcomes and Complications Spanning Twenty Years. *Spine (Phila Pa 1976)*. 2008 Sep 15;33(20):E739-45. doi: 10.1097/BRS.0b013e31817f1f8b

Gerling MC. Effects of Spinous Process Excision on Adjacent Level Motion: A Biomechanical Cadaveric Model. Manuscript in Progress.

Morr S, Shanti N, Carrer A, Kubeck J and Gerling MC. Quality of information concerning cervical disc herniation on the Internet. *Spine J*. 2010 Apr;10(4):350-4. Doi: 10.1016/j.spinee.2010.02.009. Review.

Gerling MC, Eubanks JD, Patel R, Whang PG, Bohlman HH, Ahn NU. Cement Augmentation for Refractory Osteoporotic Vertebral Compression Fractures:

Survivorship Analysis. *Spine (Phila Pa 1976)*. 2011 Sep 1;36(19):E1266-9. doi: 10.1097/BRS.0b013e31820a0b3f.

Patel RD, Graziano GP, Vanderhave KL, Patel AA, Gerling MC. Facet Violation with the Placement of Percutaneous Pedicle Screws. *Spine (Phila Pa 1976)*. 2011 Dec 15;36(26):E1749-52. doi: 10.1097/BRS.0b013e318221a800.

Auerbach JD, McGowan KB, Halevi M, Gerling MC, Sharan AD, Whang PG, Maislin G. Mitigating Adverse Event Reporting Bias in Spine Surgery. *J Bone Joint Surg Am*. 2013 Aug 21;95(16):1450-6. doi: 10.2106/JBJS.L.00251.

*Poorman CE, Passias PG, *Bianco KM, Boniello A, Yang S, Gerling MC. Effectiveness of Postoperative Wound Drains in One- and Two-Level Cervical Spine Fusions. *Int J Spine Surg*. 2014 Dec 1;8. doi: 10.14444/1034. eCollection 2014.

*Leven D, Passias PG, Errico TJ, Lafage V, Bianco K, Lee A, Lurie JD, Tosteson TD, Zhao W, Spratt KF, Morgan TS, Gerling MC. Risk Factors for Reoperation in Patients Treated Surgically for Intervertebral Disc Herniations: A Subanalysis of Eight-Year SPORT Data. *J Bone Joint Surg Am*. 2015 Aug 19;97(16):1316-25. doi: 10.2106/JBJS.N.01287.

Gerling MC, *Leven D, Passias PG, Lafage V, Bianco K, Lee A, Lurie JD, Tosteson TD, Zhao W, Spratt KF, Radcliff K, Errico TJ. Risk Factors for Reoperation in Patients Treated Surgically for Lumbar Stenosis: A Subanalysis of the 8-year Data from the SPORT Trial. *Spine (Phila Pa 1976)*. 2016 May;41(10):901-9. doi: 10.1097/BRS.0000000000001361.

Gerling MC, *Leven D, Passias PG, Lafage V, *Bianco K, Lee A, Morgan TS, Lurie JD, Tosteson TD, Zhao W, Spratt KF, Radcliff K, Errico TJ. Risks Factors for Re-operation in Patients Treated Surgically for Degenerative Spondylolisthesis: A Subanalysis of the 8-year Data from the SPORT Trial. *Spine (Phila Pa 1976)*. 2017 Oct 15;42(20):1559-1569. doi: 10.1097/BRS.0000000000002196.

Gerling MC, Radcliff K, Isaacs R, et al. "Trends in Non-operative Treatment Modalities Prior to Cervical Surgery and Impact on Patient-Derived Outcomes: Two Year Analysis of 1522 Patients from the Prospective Spine Treatment Outcome Study." *International Journal of Spine Surgery*. October 4, 2016.

Passias PG, Auerbach J, Gerling MC, et al. Differences in Primary and Revision Deformity Surgeries: Following 1,063 Primary Thoracolumbar Adult Spinal Deformity Fusions over Time. *J of Spine Surgery*, In Review

Passias PG, Poorman GW, Jalai CM, Neuman B, de la Garza-Ramos R, Miller E, Jain A, Sciubba D, McClelland S, Day L, Ramchandran S, Vira S, Diebo B, Isaacs E, Bono O, Bess S, Gerling M, Lafage V. Morbidity of Adult Spinal Deformity Surgery in Elderly Has Declined Over Time. *Spine (Phila Pa 1976)*. 2017 Aug 15;42(16):E978-E982.

Gerling MC, *Leven D, Passias PG, Lafage V, *Bianco K, Lee A, Morgan TS, Lurie JD, Tosteson TD, Zhao W, Spratt KF, Radcliff K, Errico TJ. Risk Factors for Reoperation in Patients Treated Surgically for Degenerative Spondylolisthesis: A Subanalysis of the 8-year Data From the SPORT Trial. *Spine (Phila Pa 1976)*. 2017 Oct 15;42(20):1559-1569.

Gerling MC, Radcliff K, Arnold PM, Vaccaro AR, Passias P et al. Two-Year Results of the Prospective Spine Treatment Outcomes Study: An Analysis of Complication Rates, Predictors of Their Development, and Effect on Patient Derived Outcomes at 2 Years for Surgical Management of Cervical Spondylotic Myelopathy. *World Neurosurg*. 2017 Oct;106:247-253.

Radcliff K, Gerling M, Vaccaro AR, Passias PG et al. Two-Year Results of the Prospective Spine Treatment Outcomes Study: Analysis of Postoperative Clinical Outcomes Between Patients with and without a History of Previous Cervical Spine Surgery. *World Neurosurg*. 2018 Jan;109:e144-e149.

Passias PG, Gerling M, Lafage V et al. Traumatic Fractures of the Cervical Spine: Analysis of Changes in Incidence, Cause, Concurrent Injuries, and Complications Among 488,262 Patients from 2005 to 2013. *World Neurosurg*. 2018 Feb;110:e427-e437. doi: 10.1016/j.wneu.2017.11.011. Epub 2017 Nov 11.

Peter G. Passias, MD; Charles Wang, BS; *Gregory W. Poorman, BA; Samantha Horn, BA; Han Jo Kim, MD; Virginie LaFage, PhD; Gerling, MG. The Correlation Between Cervical Alignment and Posterior Cervical Muscle Fatty Infiltration at Baseline in Cervical Deformity Patients. *Journal of Clinical Spine Surgery* (in Review)

Passias PG, Gerling M, LaFage V, Errico T et al. Predictors of Hospital Length of Stay and 30-Day Readmission in Cervical Spondylotic Myelopathy Patients: An Analysis of 3057 Patients Using the ACS-NSQIP Database. *World Neurosurg.* 2018 Feb;110:e450-e458

Gerling MC, Radcliff K, Isaacs R, Bianco K, Jalai CM, *Worley NJ, *Poorman GW, Horn SR, Bono OJ, Moon J, Arnold PM, Vaccaro AR, Passias P. Trends in Nonoperative Treatment Modalities Prior to Cervical Surgery and Impact on Patient-Derived Outcomes: Two-Year Analysis of 1522 Patients From the Prospective Spine Treatment Outcome Study. *International Journal of Spine Surgery* June 2018 12(2):250-259 (# 3327802); DOI: <https://doi.org/10.14444/5031>

*Diebo, Bassel G; Tishelman, Jared C; Horn, Samantha; *Poorman, Gregory W; Jalai, Cyrus; Segreto, Frank A; Bortz, Cole A; Gerling, Michael C; Lafage, Virginie; White, Andrew P; Mok, James M; Cha, Thomas D; Eastlack, Robert K; Radcliff, Kris E; Paulino, Carl B; Passias, Peter G. The impact of mental health on patient-reported outcomes in cervical radiculopathy or myelopathy surgery. *Journal of clinical neuroscience.* 2018 (-):- (# 3155362)

Passias, PG, Gerling, MG, ****OTHERS**** (Ryan unable to access and it is not yet published online) . Diminishing Clinical Returns of Multilevel Minimally Invasive Lumbar Interbody Fusion. *Spine (Phila Pa 1976)*

Submitted Passias P, Shanoy K, Schwab F, Goldstein J, Pierce K, Brown A, Jankowski P, Segreto F, Alas H, *Bortz C, Ihejirika Y, Gerling M, Deflorimonte C, *Diebo BG, Lafage V, Lafage R, Horn S, Vasquez-Montes D, Vira S, Johnson B, Oh C, Dhillon ES, Zhou P, DelSole E, Bendo R. Alcoholism as a Predictor for Pseudarthrosis in Primary-Spine-Fusion: Analysis of Risk Factors and 30-Day Outcomes for 52,402 patients from 2005-2013. *Journal of Orthopedics.* Accepted for Publication.

Passias, PG, Cole Bortz, Michael Gerling, Frank Segreto, Yael Ihejirika, Virginie Lafage, David Ge, Dr Aaron Hockley, Bassel G. Diebo, Dennis Vasquez-Montes, Aaron Buckland, Edward Delsole, Shaleen Vira, Nicholas Stekas, Renaud Lafage, Samantha Horn, Thomas Errico, Anthony Petrizzo, John J. Kelly, Mara Karamitopoulos. Impact of Presenting Patient Characteristics on Surgical Complications and Morbidity in Early Onset Scoliosis. *Journal of Clinical Neuroscience.* Submission no: JOCN_2018_1227.

Pending Review Gerling M, Mundis GM, Uribe JS, Park P, Mummaneni PV, Fu KG, Tran S, Than KD, Nunley PD, Okonkwo DO, Fessler RG, Anand N. The Impact of Revision Surgery on Patients Undergoing MIS Correction of Adult Spinal Deformity: A Multi-Center Study. Pending Review

Passias PG, Poorman G, Lurie J, Zhao W, Morgan T, Horn S, Bess RS, Lafage V, Gerling MC, Errico TJ. Patient Profiling Can Identify Spondylolisthesis Patients at Risk for Conversion from Nonoperative to Operative Treatment. JB & JS open access. 2018 3(2):e0051-e0051 (# 3328022)

Passias PG, Gerling MC, ****OTHERS**** (Ryan unable to access and it is not yet published online) . Defining Age-Adjusted Spinopelvic Alignment Thresholds: Should we Investigate BMI? (The “Work”) Spine (Phila Pa 1976) Submitted

Passias PG, Raad M, Gerling MC, Diebo BG, Varlotta CG, Sciubba DM, Vira SN, Hockley A, Ge DH, Alas H, Pierce KE, Lafage V, DelSole EM, Horn SR, Bortz, C, Shepard N, Ihejirika Y, Neuman BJ, Vasquez-Montes D, Brown A, Oh C, Segreto FA, Jankowski P. Decreased Rates of 30-Day Perioperative Complications Following ASD-Corrective Surgery: A Modified Clavien Analysis of 3,300 Patients from 2010-2014. Journal of Clinical Neuroscience. 2018 ():- (# 3457162)

Passias PG, Hasan S, Radcliff K, Isaacs R, Bianco K, Jalai CM, Poorman GW, Worley NJ, Horn SR, Boniello A, Zhou PL, Arnold PM, Hsieh P, Vaccaro AR, Gerling MC. 'Arm Pain Versus Neck Pain: A Novel Ratio as a Predictor of Post-Operative Clinical Outcomes in Cervical Radiculopathy Patients'. International journal of spine surgery. 2018 12(5):629-637 (# 3385522)

Book Chapters:

Gerling MC. Surgery for Neromuscular Kyphosis. In: Benzel EC, editor. The Cervical Spine. 5th ed. Cervical Spine Research Society.

Philadelphia: Lippincott, Williams and Wilkins (LWW); 2011 Gerling MC.

Treatment of Low Grade Spondylolisthesis. In: Kim DH, Vaccaro AR, Whang PG, Kim SD, Kim SH, editors. Lumbosacral and Pelvic Procedures. 1st ed. Boca Raton, FL: CRC Press; 2013 Quereshi SA, Koehler SM, Gerling MC.

Management of Dural Tears in Spinal Surgery. In: Patel VV, Patel A, Harrop JS, Burger E, editors. Spine Surgery Basics. New York: Springer-Verlag Berlin Heidelberg; 2014. p. 509-519 Gerling MC, Qureshi SA.

Surgical Approaches. In: Patel VV, Patel A, Harrop JS, Burger E, editors. Spine Surgery Basics. New York: Springer-Verlag Berlin Heidelberg; 2014. p. 91-98

Publication Pending: Gerling MC. Scoliosis. In: Complications of Spinal Instrumentation. 2013.