

Awards & Research

NAME Anthony Lawrence Asher, MD

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Awards

1985	Alpha Omega Alpha Honor Medical Society
1987	M.D. with Distinction in Biomedical Research, Wayne State University School of Medicine
1989	Young Investigator Award, Department of Surgery University of Michigan Hospitals
2010	Brain Lab Community Neurosurgery Award AANS/CNS Section on Tumors
2003–current	Best Doctors in America
2006–current	Top Doctors for Cancer Care
2012	Richard C. Schneider Lectureship American Association of Neurological Surgeons
2012	American College of Surgeons/American Association of Neurological Surgeons Health Policy Leadership Scholar
2016	Leksell Radiosurgery Award, American Association of Neurological Surgeons
2022	Inaugural Charles L. Plante Lecturer, American Association of Neurological Surgeons
2024	American Academy of Dermatology's Presidential Citation

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3. **Asher A.**, Mule J., Reichert C., Shiloni E., and Rosenberg S.A. Studies on the Anti-Tumor Efficacy of Systematically Administered Recombinant Tumor Necrosis Factor against Several Murine Tumors In-Vivo. *Journal of Immunology*, 138(3):936-974, 1987.
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114. Chan AK, Bisson EF, Fu KM, Park P, Robinson LC, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Slotkin JR, **Asher AL**, Virk MS, Kerezoudis P, Guan J, Alvi MA, Haid RW, Mummaneni PV. A Comparison of Minimally-Invasive Transforaminal Lumbar Intervertebral Fusion and Decompression Alone for Degenerative Lumbar Spondylolisthesis. Oral Presentation at 2020 California Association of Neurological Surgeons Annual Meeting, Sonoma, CA. (2020, Jan 17-19).

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120. Inamullah Khan; Kristin R. Archer, DPT, PhD; Jacquelyn Pennings, PhD; Ahilan Sivaganesan, MD; Mohamad Bydon, MD; **Anthony L. Asher, MD**; and Clinton J. Devin, MD Cervical Disc Arthroplasty or Anterior Cervical Discectomy and Fusion for Degenerative Disc Diseases? A Comparison Analysis from National Spine Registry; Rapid Fire Abstract Session; Southern Neurosurgical Society Meeting 2020; Scottsdale, AZ, Feb 26-29, 2020.
121. Matthew McGirt, MD, Graham Mulvaney MD, Vince Rossi, MD, Olivia M. Rice, MD, Joshua Patt, MD, MPH; Deborah Pfortmiller, PhD, **Anthony L. Asher, MD**. "Mild and Severe Obesity Reduce Effectiveness of Lumbar Fusions: One Year Patient-Reported Outcomes in 8,171 Patients." 36th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves, 5-8th March, 2020.
122. Roshan Sudhir Prabhu, Brandon E Turner, **Anthony L Asher**, Samuel Marcrom, John B. Fiveash, Paul M Foreman, Robert H. Press, Zachary Buchwald, Walter J Curran, Kirtesh R. Patel, William Breen, Paul D. Brown, Krishan Jethwa, Inga S. Grills, Jessica Arden, Lauren M Foster, Matthew A. Manning, Zachary Vaslow, Stuart Burri, Scott G. Soltys Leptomeningeal Disease After Surgical Resection and Radiosurgery for Brain Metastases and Neurologic Death: A Multi-Institutional Analysis ASCO 2020

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124. R. S. Prabhu, R. Dhakal, **A. Asher**, M. C. Ward,, J. H. Heinzerling, D. R. McHaffie, C. Fasola, A. L. Sumrall, S. D. Wait, M. D. Van Poppel, M. D. Smith, R. P. Kelly, and S. H. Burri Long Term Outcomes and Patterns of Failure After Single Fraction Preoperative Radiosurgery for Brain Metastases ASTRO 2020
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130. Mooney JH, Michalopoulos G, Alvi MA, Zeitouni D, Chan AK, Mummaneni PV, Bisson EF, Haid RW, Knightly JJ, Devin CJ, Pennicooke BH, **Asher AL**, Bydon M. Minimally Invasive Versus Open Lumbar Spinal Fusion: A Matched Study Investigating Patient-Reported and Surgical Outcomes. Oral Presentation at 2021 Congress of Neurological Surgeons Annual Scientific Meeting, Austin, TX. (2021, Oct 16-20).
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140. Mark Zaki, Rushikesh Joshi, Joseph Linzey, Michael Strong, Timothy Yee, Yamaan Saadeh, Cheerag Upadhyaya, Domagoj Coric, Eric Potts, Erica Randy Bisson, Jay Turner, Jack Knightly, Kai-Ming Fu, Kevin Foley, Luis Tumialan, Mark Shaffrey, Mohamad Bydon, Praveen Mummaneni, Dean Chou, Andrew K. Chan, Scott Meyer, **Anthony Asher**, Christopher Shaffrey, Oren Gottfried, Khoi Than, Michael Wang, Avery Buchholz, Regis Haid, Paul Park Assessing Correlations Between NASS Patient Satisfaction Index and Patient-Reported Outcomes (PROs) at 3-month, 12-month, and 24-month Timepoints in Patients Undergoing Cervical Spine Surgery Using the QOD Registry.. Congress of Neurological Surgeons 2022 Annual Meeting. San Francisco, CA. October 8-12, 2022. Oral Presentation.
141. Erica F. Bisson, MD, MPH; Praveen V. Mummaneni, MD, MBA; Giorgos D. Michalopoulos, MD; Sally El Sammak, MD; Andrew K. Chan, MD; Nitin Agarwal, MD; Michael Y. Wang, MD; John J. Knightly, MD; Brandon A. Sherrod, MD; Oren N. Gottfried, MD; Khoi D. Than, MD; Christopher I. Shaffrey, MD; Jacob L. Goldberg, MD; Michael S. Virk, MD, PhD; Ibrahim Hussain, MD; Saman Shabani, MD; Steven D. Glassman, MD; Louis M. Tumialan, MD; Jay D. Turner, MD, PhD; Cheerag Upadhyaya, MD, MS; Mark E. Shaffrey, MD; Paul Park, MD; Kevin T. Foley, MD; Brenton Pennicooke, MD, MS; Domagoj Coric, MD; Jonathan R. Slotkin, MD; Eric A. Potts, MD; Dean Chou, MD; Kai-Ming G. Fu, MD, PhD; Regis W. Haid, MD; **Anthony L. Asher, MD**; Mohamad Bydon Sleep Impairment in CSM: Prevalence and Postoperative Outcomes – An analysis from the QOD., MD. Cervical Spine Research Society 50th Annual Meeting. San Diego, CA. November 16-19, 2022.
142. Chan AK, Shaffrey CI, Park C, Gottfried ON, Than KD, Bisson EF, Bydon M, **Asher AL**, Coric D, Potts EA, Foley KT, Wang MY, Fu KM, Virk MS, Knightly JJ, Meyer S, Park P, Upadhyaya C, Shaffrey ME, Buchholz AL, Tumialán LM, Turner JD, Michalopoulos GD, Sherrod BA, Agarwal N, Chou D, Haid RW, Mummaneni PV Comparing Those Most Satisfied Versus Least Satisfied Following Surgery for Cervical Spondylotic Myelopathy: Are There Differences in Baseline Characteristics?. Cervical Spine Research Society 50th Annual Meeting. San Diego, CA. November 16-19, 2022.
143. Erica F. Bisson, MD, MPH; Praveen V. Mummaneni, MD, MBA; Giorgos D. Michalopoulos, MD; Sally El Sammak, MD; Andrew K. Chan, MD; Nitin Agarwal, MD; Michael Y. Wang, MD; John J. Knightly, MD; Brandon A. Sherrod, MD; Oren N. Gottfried, MD; Khoi D. Than, MD; Christopher I. Shaffrey, MD; Jacob L. Goldberg, MD; Michael S. Virk, MD, PhD; Ibrahim Hussain, MD; Saman Shabani, MD; Steven D. Glassman, MD; Louis M. Tumialan, MD; Jay D. Turner, MD, PhD; Cheerag Upadhyaya, MD, MS; Mark E. Shaffrey, MD; Paul Park, MD; Kevin T. Foley, MD; Brenton Pennicooke, MD, MS; Domagoj Coric, MD; Jonathan R. Slotkin, MD; Eric A. Potts, MD; Dean Chou, MD; Kai-Ming G. Fu, MD, PhD; Regis W. Haid, MD; **Anthony L. Asher, MD**; Mohamad Bydon, MD Prevalence and Prognosis of Gait Dysfunction in Patients Operated for Cervical Spondylotic Myelopathy.. Cervical Spine Research Society 50th Annual Meeting. San Diego, CA. November 16-19, 2022.

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145. Andrew Kai-Hong Chan, MD; Erica Fay Randy Bisson, MD; Mohamad Bydon, MD; Steven D. Glassman, MD; Kevin T. Foley, MD; Christopher I. Shaffrey, MD; Eric A. Potts, MD; Mark Edwin Shaffrey, MD; Domagoj Coric, MD; John J. Knightly, MD; Paul Park, MD; Michael Y. Wang, MD; Kai-Ming G. Fu, MD, PhD; Jonathan Slotkin, MD; **Anthony L. Asher, MD**; Michael S. Virk, MD, PhD; Panagiotis Kerezoudis, MD; Jian Guan, MD; Vivian Le; Dean Chou, MD; Regis W. Haid, MD; Praveen V. Mummaneni, MDDecompression With or Without Fusion for Grade 1 Degenerative Lumbar Spondylolisthesis: 60-Month Outcomes From the QOD.. The American Academy of Neurological Surgery 84th Annual Meeting. Colorado Springs, CO. September 28 – October 1, 2022.
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152. Praveen V. Mummaneni, M.D., M.B.A., Alexander A. Aabedi, M.D., Nitin Agarwal, M.D., Erica F. Bisson, M.D., M.P.H., Mohamad Bydon, M.D., Steven D. Glassman, M.D., Kevin T. Foley, M.D., Christopher I., Shaffrey, M.D., Eric A. Potts, M.D., Mark E. Shaffrey, M.D., Domagoj Coric, M.D., John J. Knightly, M.D., Paul Park, M.D., Michael Y. Wang, M.D., Kai-Ming Fu, M.D, Ph.D., Jonathan R. Slotkin, M.D., **Anthony L. Asher, M.D.**, Michael S. Virk, M.D., Ph.D., Regis W. Haid, Jr., M.D., Dean Chou, M.D., Andrew K. Chan, M.D. Sleep Dysfunction and Factors Associated with Improved Sleep in Patients Undergoing Surgery for Degenerative Spondylolisthesis: A Quality Outcomes Database Study. 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.

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154. Christine Park, MS, Christopher I. Shaffrey, MD, Khoi D. Than, MD, Georgios Michalopoulos, MD, Sally El Sammak, MD, Andrew K. Chan, MD, Erica F. Bisson, MD, MPH, Brandon A. Sherrod, MD, **Anthony L. Asher, MD**, Domagoj Coric, MD, Eric A. Potts, MD, Kevin T. Foley, MD, Michael Y. Wang, MD, Kai-Ming Fu, MD, PhD, Michael S. Virk, MD, PhD, John J. Knightly, MD, Scott Meyer, MD, Paul Park, MD, Cheerag Upadhyaya, MD, MBA, MSc, Mark E. Shaffrey, MD, Avery L. Buchholz, MD, MPH, Luis M. Tumialán, MD, Jay Turner, MD, PhD, Nitin Agarwal, MD, Dean Chou, MD, Nauman S. Chaudhry, MD, Regis W. Haid, Jr. MD, Praveen V. Mummaneni, MD, MBA, Mohamad Bydon, MD, Oren N. Gottfried, MD. Are there differences in outcome between anterior and posterior cervical surgery for myelopathy? A QOD analysis. D. 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.
155. Arati Patel, MD; Sravani Kondapavulur, PhD; Vijay Letchuman, MD; Andrew K. Chan, MD; Dean Chou, MD; Gray Umbach, MD; Alysha B. Jamieson, BA; Vivian P. Le, MPH, Erica F. Bisson, MPH; Mohamad Bydon, MD; **Anthony L. Asher, MD**; Domagoj Coric, MD; Eric A. Potts, MD; Kevin T. Foley, MD; Michael Y. Wang, MD; Kai-Ming G. Fu, MD, PhD; Michael S. Virk, MD, PhD; John J. Knightly, MD; Scott Meyer, MD; Paul Park, MD; Cheerag D. Upadhyaya, MSc; Mark E. Shaffrey, MD; Luis M. Tumialán, MD; Jay D. Turner, MD; Oren Gottfried, MD, Giorgos Michalopoulos, MD; Brandon Sherrod, MD; Regis W. Haid Jr., MD; Praveen V. Mummaneni, MBA Women Demonstrate Significantly Greater Improvement in Neck Disability Index After Surgery for Cervical Myelopathy : an Analysis from the Quality Outcomes Database.. 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.
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157. Andrew K. Chan, MD; Christopher I. Shaffrey, MD; Christine Park, BA; Oren Gottfried, MD; Erica F. Bisson, MPH; Mohamad Bydon, MD; **Anthony L. Asher, MD**; Domagoj Coric, MD; Eric A. Potts, MD; Kevin T. Foley, MD; Michael Y. Wang, MD; Kai-Ming G. Fu, MD, PhD; Michael S. Virk, MD, PhD; John J. Knightly, MD; Scott Meyer, MD; Paul Park, MD; Cheerag D. Upadhyaya, MSc; Mark E. Shaffrey, MD; Luis M. Tumialán, MD; Jay D. Turner, MD; Giorgos Michalopoulos, MD; Brandon Sherrod, MD; Nitin Agarwal, MD; Dean Chou, MD; Regis W. Haid Jr., MD; Praveen V. Mummaneni, MBA Cervical Laminoplasty Versus Laminectomy and Posterior Spinal Fusion for Cervical Myelopathy: Propensity Matched Analysis of 24-Month Outcomes from the Quality Outcomes Database. 30th Annual International Meeting on Advanced Spinal Techniques; March 22-24, 2023; Dublin, Ireland.

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159. Chan AK, Shaffrey CI, Park C, Gottfried ON, Than KD, Bisson EF, Bydon M, **Asher AL**, Coric D, Potts EA, Foley KT, Wang MY, Fu KM, Virk MS, Knightly JJ, Meyer S, Park P, Upadhyaya C, Shaffrey ME, Buchholz AL, Tumialán LM, Turner JD, Michalopoulos GD, Sherrod BA, Agarwal N, Chou D, Haid RW, Mummaneni PV. Comparing Those Most Satisfied Versus Least Satisfied Following Surgery for Cervical Spondylotic Myelopathy: Are There Differences in Baseline Characteristics? Oral Presentation at the American Association of Neurological Surgeons Annual Scientific Meeting. Los Angeles, CA. April 21-24, 2023.
160. Yang EY, Mummaneni PV, Chou D, Bydon M, Bisson EF, Shaffrey CI, Glassman SD, Foley KT, Potts EA, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, **Asher AL**, Virk M, Michalopoulos G, Guan J, Agarwal N, Haid RW, Chan AK. What Factors Predict the Best Outcomes for Elderly Patients Operated for Grade 1 Degenerative Lumbar Spondylolisthesis? A Machine Learning Analysis from the Quality Outcomes Database. Oral Presentation at the American Association of Neurological Surgeons Annual Scientific Meeting. Los Angeles, CA. April 21-24, 2023.
161. Agarwal N, DiGiorgio AM, Bydon M, Bisson EF, Michalopoulos G, Letchuman V, Chan AK, Shabani S, Lavadi RS, Lu DC, Wang MY, Haid RW, Knightly JJ, Sherrod BA, Gottfried ON, Shaffrey CI, Goldberg JL, Virk MS, Hussain I, Glassman SD, Shaffrey ME, Park P, Foley, K.T., Pennicooke B, Coric D, Slotkin JR, Upadhyaya C, Potts EA, Tumialan LM, Fu KG, **Asher AL**, Chou D, Mummaneni PV. Impact of Educational Background on Preoperative Disease Severity and Postoperative Outcomes among Patients with Cervical Spondylotic Myelopathy: A Quality Outcomes Database (QOD) Study. Oral Presentation at the American Association of Neurological Surgeons Annual Scientific Meeting. Los Angeles, CA. April 21-24, 2023.
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167. Yang EY, Mummaneni PV, Chou D, Bydon M, Bisson EF, Shaffrey CI, Glassman SD, Foley KT, Potts EA, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, **Asher AL**, Virk M, Michalopoulos G, Guan J, Agarwal N, Haid RW, Chan AK. What Factors Predict the Best Outcomes for Elderly Patients Operated for Grade 1 Degenerative Lumbar Spondylolisthesis? A Machine Learning Analysis from the Quality Outcomes Database. Oral Presentation at the 23rd Annual Conference of the International Society for the Advancement of Spine Surgery. San Francisco, CA. June 1-3, 2023.
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