

# Curriculum Vitae

## **Kaveh Khajavi, MD, FACS, FAANS**

Board Certified, American Board of Neurological Surgery

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## **Southeastern Neurosurgical Specialists**

### **Georgia Spine & Neurosurgery Center**

980 Johnson Ferry Rd Suite 490, Atlanta, GA 3034

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## Certification & Licensure

- Diplomat of the American Board of Neurological Surgery since 1999 (FAANS)
- Fellow of the American College of Surgeons since 1998 (FACS)
- Georgia State Medical License since 2002

## Current (& Recent) Positions

- Neurosurgical Consultant, Atlanta Falcons Football Club, Atlanta, GA
- Neurosurgical Consultant, United States Major League Rugby
- Lead Neurosurgeon, Shepherd Center Complex Concussion Clinic
- Neurosurgical Consultant, Georgia State Athletic Department, Atlanta, GA
- Team Neurosurgeon, Georgia Swarm Professional Lacrosse Club, Atlanta, GA
- Team Neurosurgeon, Atlanta Rollergirls, Atlanta, GA
- Chairman Board of Directors, Institute for Neurosurgical & Spinal Research Foundation, Atlanta, GA
- Board of Directors & Advisory Board, Brain Injury Association of Georgia, Atlanta, GA
- Board of Directors, Georgia Concussion Coalition, Atlanta, GA
- Director of Neurosurgery, Scottsdale Center for the Advancement of Neuroscience, Scottsdale, AZ
- Advisory Board, Kids & Pros Inc., Atlanta, GA
- Founder and Chairman Board of Directors, StartBox LLC, Atlanta, GA.
- Neurosurgical Consultant Atlanta Thrashers Hockey Club, Atlanta, GA (2009-2011)
- Founder and President, Georgia Spine & Neurosurgery Center, Atlanta, GA. (2003-2015, 2018-present)
- Team Neurosurgeon, Atlanta Silverbacks, NASL, Atlanta, GA (2013-2016)
- Director of Minimally Invasive Spine Surgery, Piedmont Physicians Neurosurgery (2015-2018)

- Director of Neurosurgical Services, The Shepherd Center (2015-2018)
- Medical Executive Committee Member, The Shepherd Center (2015-2018)
- Director of Neurosurgery, Sports Concussion Institute, Atlanta, GA (2012-2016)

## Previous Employment History

- **Nov 2018 - present: Southeastern Neurosurgical Specialists, Northside Hospital, Atlanta, GA**
- 2015-2018: Director Minimally Invasive Spine Surgery, Piedmont Atlanta Hospital, Atlanta, GA
- **2003-2015, Nov 2018 - present: Founder, Georgia Spine & Neurosurgery Center**
- 2006 – 2011: Chief of Neurosurgery, DeKalb Medical Center, Decatur, GA
- April 2004- Nov 2018: Neurosurgeon, Piedmont Atlanta Hospital, Atlanta, GA
- Mar 2002 – Sept 2003: Neurosurgeon, WellStar Health Systems, Marietta, GA
- July 2000 – Feb 2002: Neurosurgeon, Houston Spine and Neurosurgery Center, Houston, TX
- Sept 1997 – July 2000: Staff Neurosurgeon, Walter Reed Army Medical Center, Washington, DC
- Aug 1996 – Sept 1997: Staff Neurosurgeon, William Beaumont Army Medical Center, El Paso, TX

## Academic Appointments

- Adjunct Professor, Dept. of Physical Therapy, Georgia State University, Atlanta GA
- Adjunct Professor, Dept. of Physical Therapy, Mercer Univ. College of Health Professions, Atlanta, GA
- Chief, Epilepsy and Functional Surgery Section, Department of Neurosurgery, Walter Reed Army Medical Center, Washington, DC (1997-2000)
- Assistant Professor, Department of Surgery, Uniformed Services University of the Health Sciences, Bethesda, MD (1997-2000)
- Assistant Professor, Department of Neurology, Uniformed Services University of the Health Sciences, Bethesda, MD (1997-2000)

## Residency

- General Surgery Internship, Baylor College of Medicine, Houston, TX. June 1989- Feb 1991
- Neurosurgery Residency, Cleveland Clinic Foundation, Cleveland, OH. Mar 1991- July 1996

## Education

- Bachelor of Arts (Chemistry), Emory University, Atlanta, GA. May 1985
- Doctor of Medicine, Georgetown University School of Medicine, Washington, DC. May 1989

## Military Background

- Commissioned 2<sup>nd</sup> Lieutenant, United States Air Force, April 1985
- Promoted to Captain, United States Air Force, May 1989
- Promoted to Major, United States Air Force, July 1996
- Air Force Commendation Medal, Oct 1997
- Meritorious Service Medal, May 2000

## Professional Affiliations (current or former)

- American College of Surgeons
- American Association of Neurological Surgeons
- Congress of Neurological Surgeons
- Society of Lateral Access Surgery (Founding Member)
- North American Spine Society
- AANS/CNS Joint Spine and Peripheral Nerve Section
- AANS/CNS Trauma and Critical Care Section
- Military Spine Study Group
- Georgia Neurosurgical Society
- Georgia Concussion Coalition
- Brain Injury Association of Georgia
- Medical Association of Georgia
- Society of Minimally Invasive Spine Surgery

## Recently Completed Multicenter Trials

1. A Phase 1/2a Dose Escalation Study of AST-OPC1 in Subjects with Cervical Sensorimotor Complete Spinal Cord Injury. Study sponsored by Asterias Biotherapeutics, Menlo Park, CA 94025
2. A Prospective, Non-randomized, Multicenter Evaluation of the Utility of Transcutaneous Stimulation of the Lumbosacral Nerve Roots During XLIF® and its Relationship to Postoperative Nerve Health. Study sponsored by NuVasive, San Diego, CA.

## Publications

1. Phillips FM, Basques BA, Shifflet GD, **Khajavi K**, Kanter AS, Peterson MD. Comparison of 2-year postoperative clinical outcomes between transforaminal and lateral transpoas lumbar interbody fusion in the treatment of degenerative spondylolisthesis at L4-5. Submitted for publication.
2. Uribe JS, Isaacs RE, Youssef JA, **Khajavi K**, Balzer JR, Kanter AS, Kuelling FA, Peterson MD. Can triggered electromyography monitoring throughout retraction predict postoperative symptomatic neuropraxia after XLIF? Results from a prospective multicenter trial. *Eur Spine J* 2015;24 Suppl 3:378-85.
3. **Khajavi K**, Shen AY. Substantial clinical benefit of minimally invasive lateral interbody fusion for degenerative spondylolisthesis. *Eur Spine J* 2015;24 Suppl 3:314-21
4. **Khajavi K**, Shen A.Y, Lagina L, Hutchison A. Comparison of Clinical Outcomes Following Minimally Invasive Lateral Interbody Fusion Stratified by Preoperative Diagnosis. *Eur Spine J* 2015;24 Suppl 3:322-30.
5. Tatsumi R, Lee YP, **Khajavi K**, Taylor W, Chen F, Bae H. In vitro comparison of endplate preparation between four mini-open interbody fusion approaches. *Eur Spine J* 2015;24 Suppl 3:372-7.
6. **Khajavi K**, Shen A.Y, Hutchison A. Radiographic and Clinical Outcomes of a Minimally Invasive, Lateral, Transpoas Approach for Anterior Lumbar Interbody Fusion in the Treatment of Adult Degenerative Scoliosis. *Eur Spine J* 2014, vol 23 (6), p1215-1223
7. **Khajavi K**, Struebing AS. Safety and Efficacy of Bioabsorbable Cervical Spacers and Low-Dose rhBMP-2 in Multi-Level ACDF. *International Journal of Spine Surgery*, June 2014, vol 8, article 9.
8. Phillips FM, Isaacs RE, Rodgers WB, **Khajavi K**, Tohmeh AG, Deviren V, Peterson MD, Hyde J, Kurd MF. Adult Degenerative Scoliosis Treated with XLIF. *Spine (Phila Pa 1976)* 2013;38:1853-61.
9. **Khajavi K**, Peterson M, Rodger WB. eXtreme Lateral Interbody Fusion (XLIF) in the Treatment of Lumbar Degenerative Spondylolisthesis. In: Goodrich JA, Volcan IJ, *eXtreme Lateral Interbody Fusion (XLIF), 2<sup>nd</sup> Edition*. St. Louis, MO: Quality Medical Publishing, Inc., 2013.

10. Jabbari B, Prohorenko O, **Khajavi K**, Mena H. Intractable Epilepsy and Mild Brain Injury: incidence, pathology and surgical outcome. *Brain Inj.* 2002 Jun;16(6):463-7.
11. Poffenbarger GJ, **Khajavi K**. Management of Solitary Intracranial Abscess. In *Textbook of Neurological Surgery: Principles and Practice*, Batjer H and Loftus C (Eds), Lippincott-Williams & Wilkins Publishers, 2002, p3142-50.
12. Gullick R, **Khajavi K**. Thoracic Disk Degeneration and Pain. *Textbook of Neurological Surgery: Principles and Practice*, Batjer H and Loftus C (Eds), Lippincott-Williams & Wilkins Publishers, 2002, p1651-56.
13. Jabbari B, **Khajavi K**, Rao K. Medullary dystonia. *J of Movement Disorders* 14(4): 698-700, 1999.
14. Perl J II, Tkach JA, Porrás-Jimenez M, Leiber M, Obuchowski N, Ross J, Ding X, Ruggieri PM, Shearer D, **Khajavi K**, Masryk T. Hemorrhage detection using MRI imaging of in the setting of acute stroke: an in vivo model. *Amer J of Neurorad* 20(10): 1863-70, 1999.
15. **Khajavi K**, Comair Y, Wyllie E, Palmer J, Morris H, Hahn JF. Surgical management of pediatric tumor associated epilepsy. *J Child Neurology* 14(1):15-25, 1999.
16. **Khajavi K**, Ayzman I, Scheerer D, Jones S, Prayson RA, Levy JH, Hahn JF, Chyatte D. Prevention of chronic cerebral vasospasm in dogs with milrinone. *Neurosurgery* 40:354-363, 1997.
17. **Khajavi K**, Comair Y, Prayson R, Wyllie E, Palmer J, Estes M, Hahn JF. Childhood ganglioglioma and, medically intractable epilepsy: a clinicopathological study of 15 patients and a review of the literature. *Pediatr Neurosurg* 22:181-188, 1995.
18. Prayson R, **Khajavi K**, Comair Y. Cortical architectural abnormalities and MIB1 (Ki-67) immunoreactivity in ganglioglioma (GG): a study of 60 patients with intracranial tumors. *J Neuropath Exp Neurol* 54(4):513-520, 1995.
19. **Khajavi K**, Chyatte D. Subarachnoid hemorrhage: an overview. In *Neurobase*, DeMeter S. (Ed), Arbor Day Pub Corp, 1995.

## Abstracts & Presentations

1. Phillips FM, Basques BA, Shifflet GD, **Khajavi K**, Kanter AS, Peterson MD. Comparison of 2-year postoperative clinical outcomes between transforaminal and lateral transpoas lumbar interbody fusion in the treatment of degenerative spondylolisthesis at L4-5. Submitted for ISASS 20 Annual Conference, San Juan, Puerto Rico, Feb 26-28, 2020
2. Balzer JR, Billys J, Brown, CR, ... **Khajavi K** et al. The feasibility of transcutaneous transabdominal stimulation of lumbosacral nerve roots in lumbar spine surgery. North American Spine Society Annual Meeting, Los Angeles, CA, Sept 26-29, 2018.
3. Malcolm JR, **Khajavi K**, Youseff JA, Eberle M. Power Drill Development, Utilization, & Surgeon Issues. 10<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, San Diego, CA, May 19, 2018.

4. Balzer JR, Billys J, Brown, CR, ... **Khajavi K** et al. The feasibility of transcutaneous transabdominal stimulation of lumbosacral nerve roots in lumbar spine surgery. 10<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, San Diego, CA, May 19, 2018.
5. Phillips F, **Khajavi K**, Kanter A, Peterson M. A Prospective, Multi-center Comparison of Outcomes for Lumbar Fusion in the treatment of Degenerative Spondylolithesis and Degenerative Disc Disease at Two Year Follow-up. International Society for the Advancement of Spine Surgery 16<sup>th</sup> Annual Conference, Las Vegas, NV, April 6-8, 2016.
6. Phillips F, **Khajavi K**, Kanter A, Peterson M. A Prospective, Multi-center Comparison of Clinical Outcomes between TLIF and LLIF for the treatment of Degenerative Spondylolithesis at L4-5 at Two-year Follow Up. Society of Minimally Invasive Spine Surgery Global Forum '15, Las Vegas, NV, Nov 5-7, 2015.
7. Phillips F, **Khajavi K**, Kanter A, Peterson M. Comparison of Outcomes for Lumbar Fusion in the Treatment of Degenerative spondylolithesis and Degenerative Disc Disease: A Prospective study. Updated results submitted to the annual meeting of the North American Spine Society, Chicago, IL. Oct 14-17, 2015.
8. Phillips F, **Khajavi K**, Kanter A, Peterson M. Comparison of Outcomes between XLIF and TLIF for the Treatment of Degenerative spondylolithesis at L4-5: A Prospective study. Updated results submitted to the annual meeting of the North American Spine Society, Chicago, IL. Oct 14-17, 2015.
9. Phillips F, **Khajavi K**, Kanter A, Peterson M. Comparison of Outcomes between XLIF and TLIF for the Treatment of Degenerative spondylolithesis at L4-5: A Prospective study. International Society for the Advancement of Spine Surgery 15<sup>th</sup> Annual Conference, San Diego, CA, April 15-17, 2015.
10. Phillips F, **Khajavi K**, Kanter A, Peterson M. Comparison of Outcomes for Lumbar Fusion in the Treatment of Degenerative spondylolithesis and Degenerative Disc Disease: A Prospective study. 8<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, San Diego, CA, April 18, 2015.
11. **Khajavi K**, Niznik G. Femoral Nerve Monitoring during Lateral Transpsaos Approach to the Lumbar Spine. 8<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, San Diego, CA, April 18, 2015.
12. **Khajavi K**, Niznik G. Femoral Nerve Monitoring during Lateral Transpsaos Approach to the Lumbar Spine. International Society for the Advancement of Spine Surgery 15<sup>th</sup> Annual Conference, San Diego, CA, April 15-17, 2015.
13. **Khajavi K**, Niznik G. Femoral Nerve Monitoring during Lateral Transpsaos Approach to the Lumbar Spine. 83<sup>rd</sup> Annual Meeting of the American Association of Neurologic Surgeons, Washington, DC. May 2-6, 2015.
14. Phillips F, **Khajavi K**, Kanter A, Peterson M. Comparison of Outcomes for Lumbar Fusion in the Treatment of Degenerative spondylolithesis and Degenerative Disc Disease: A Prospective study. Annual meeting of the North American Spine Society, San Francisco, CA. Nov 12-15, 2014.
15. Phillips F, Kanter A, **Khajavi K**, Peterson M. Comparison of Outcomes for Lumbar Fusion in the Treatment of Degenerative spondylolithesis and Degenerative Disc Disease: A Prospective study. 7<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, Miami, FL, April 29, 2014.
16. **Khajavi K**, Shen AY. Safety and Efficacy of Bioabsorbable Cervical Spacers and Low-Dose rhBMP-2 for Multi-Level ACDF. International Society for the Advancement of Spine Surgery 14<sup>th</sup> Annual Conference, Miami, FL, April 30-May 2, 2014.

17. **Khajavi K**, Shen AY. Comparison of Clinical Outcomes Following Minimally Invasive Lateral Interbody Fusion by Pre-Operative Diagnosis. International Society for the Advancement of Spine Surgery 14<sup>th</sup> Annual Conference, Miami, FL, April 30-May 2, 2014.
18. **Khajavi K**, Shen AY, Hutchison T. Bioabsorbable Cervical Spacers and Low-Dose rhBMP-2 in Multi-Level ACDF. 2013 Georgia Neurosurgical Society Annual Fall Meeting, Lake Oconee, Georgia, December 7-9, 2013.
19. **Khajavi K**, Shen AY, Hutchison T. Clinical Outcomes Following Minimally Invasive Lateral Interbody Fusion Based on Pre-operative Diagnosis. 2013 Georgia Neurosurgical Society Annual Fall Meeting, Lake Oconee, Georgia, December 7-9, 2013.
20. Youssef JA, **Khajavi K**, Rodgers WB. Longitudinal Evoked EMG Neuromonitoring in eXtreme Lateral Interbody Fusion (XLIF): Interim Results of a Prospective Multicenter Study. 6<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, Del Mar, California, May 9-11, 2013.
21. Tatsumi RL, **Khajavi K**, Lee YP, Bae HW, Taylor WR. In Vitro Comparison of Endplate Preparation Between Four Less-Invasive Approaches for Lumbar Interbody Fusion (XLIF® vs. Mini-TLIF vs. Mini-PLIF vs. Mini-ALIF). 6<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, Del Mar, California, May 9-11, 2013.
22. **Khajavi K**, Shen AY, Lagina M, Hutchison T. Comparison of Clinical Outcomes Following Minimally Invasive Lateral Interbody Fusion by Indication. 6<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, Del Mar, California, May 9-11, 2013.
23. **Khajavi K**, Shen AY, Hutchison T. Comparison of Clinical Outcomes Following Treatment of Degenerative Disc Disease or Degenerative Spondylolisthesis with Minimally Invasive Lateral Interbody Fusion. 81<sup>st</sup> American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, Louisiana, April 27-May 1, 2013.
24. **Khajavi K**, Shen AY, Hutchison T. Comparison of Clinical Outcomes Following Treatment of Degenerative Disc Disease or Degenerative Spondylolisthesis with Minimally Invasive Lateral Interbody Fusion. International Society for the Advancement of Spine Surgery 13<sup>th</sup> Annual Conference, Vancouver, BC, Canada. April 3-5, 2013.
25. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: a Prospective Evaluation of Midterm Clinical and Radiographic Outcomes. 2012 Georgia Neurosurgical Society Annual Fall Scientific Assembly, Atlanta, GA. November 16-17, 2012.
26. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Scoliosis: a Prospective Evaluation of Two-Year Clinical and Radiographic Outcomes. Society for Minimally Invasive Spine Surgery 2012 Annual Meeting, Miami, FL, September 21-23, 2012.
27. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: a Prospective Evaluation of Midterm Clinical and Radiographic Outcomes. Society for Minimally Invasive Spine Surgery 2012 Annual Meeting, Miami, FL, September 21-23, 2012.
28. **Khajavi K**, Shen AY, Hutchison T. Lateral Interbody Fusion in the Treatment of Spondylolisthesis. Society of Lateral Access Surgery East Regional Meeting, New York, NY, September 15, 2012.
29. **Khajavi K**. XLIF for Adult Degenerative Scoliosis: Clinical and Radiographic Results of a 24-Month Multi-Center Prospective Study. Society of Lateral Access Surgery East Regional Meeting, New York, NY, September 15, 2012.

30. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: a Prospective Evaluation of Midterm Clinical and Radiographic Outcomes. The 19<sup>th</sup> International Meeting on Advanced Spine Techniques, Istanbul, Turkey, July 18-21, 2012.
31. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: A Prospective Evaluation of Mid-term Clinical and Radiographic Outcomes. 5<sup>th</sup> Annual Society of Lateral Access Surgery Research Meeting, Del Mar, California, May 3-5, 2012.
32. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: A Prospective Evaluation of Mid-term Clinical and Radiographic Outcomes. 2012 Annual Lumbar Spine Research Society Meeting, Chicago, Illinois, April 26-27, 2012.
33. **Khajavi K**, Shen AY, Hutchison T. Minimally Disruptive Lateral Interbody Fusion in the Treatment of Degenerative Spondylolisthesis: A Prospective Evaluation of Mid-term Clinical Outcomes. 2012 Annual Meeting of the AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Orlando, Florida, March 7-10, 2012.
34. **Khajavi K**. Radiographic and Clinical Outcome of one Institutions Experience with Extreme lateral Interbody Fusion (XLIF) in the Treatment of Degenerative Scoliosis. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery, Las Vegas, Nevada, October 21-23, 2011.
35. **Khajavi K**. Radiographic and Clinical Outcome of one Institutions Experience with Extreme lateral Interbody Fusion (XLIF) in the Treatment of Degenerative Scoliosis. 2011 Annual Meeting of the Congress of Neurological Surgeons, Washington, DC, October 1-6, 2011.
36. **Khajavi K**. Radiographic and Clinical Outcome of one Institutions Experience with Extreme lateral Interbody Fusion (XLIF) in the Treatment of Degenerative Scoliosis. 18<sup>th</sup> International Meeting on Advanced Spine Techniques, Copenhagen, Denmark, July 13-16, 2011.
37. **Khajavi K**. Radiographic and Clinical Outcome of one Institutions Experience with Extreme Lateral Interbody Fusion (XLIF) in the Treatment of Degenerative Scoliosis. 4<sup>th</sup> Annual Meeting of the Society of Lateral Access Surgeons, La Jolla, CA, April 2, 2011.
38. **Khajavi K**, Gullick RA. XLIF in the Treatment of Degenerative Conditions of the Lumbar Spine: Clinical and Radiographic Outcomes. 3<sup>rd</sup> Annual Meeting of the Society of Lateral Access Surgeons, La Jolla, CA, April 8-10, 2010.
39. **Khajavi K**, Gullick RA. XLIF in Adult Degenerative Scoliosis: Clinical Outcomes. 3<sup>rd</sup> Annual Meeting of the Society of Lateral Access Surgeons, La Jolla, CA, April 8-10, 2010.
40. Rogers W, Tohmeh A, Hyde J, Cohen D, Deviren V, **Khajavi K**, Peterson M, Dinh D, Hunt L, Huntsman K, Isaacs R, Richardson W, Malcolm J, Volcan I, Yoon S, Smith W, Anson J, Phillips F. A Prospective, Multicenter, Non-randomized Evaluation of XLIF in the Treatment of Adult Scoliosis: Mid-term Clinical Outcomes. 24<sup>th</sup> Annual Meeting of the North American Spine Society, San Francisco, CA, November 10-14, 2009.
41. Rogers W, Tohmeh A, Hyde J, Cohen D, Deviren V, **Khajavi K**, Peterson M, Dinh D, Hunt L, Huntsman K, Isaacs R, Richardson W, Malcolm J, Volcan I, Yoon S, Smith W, Anson J, Phillips F. A Prospective, Multicenter, Non-randomized Evaluation of XLIF in the Treatment of Adult Scoliosis: Mid-term Radiographic Outcomes. 24<sup>th</sup> Annual Meeting of the North American Spine Society, San Francisco, CA, November 10-14, 2009.



42. **Khajavi K.** Extreme Lateral Interbody Fusion (XLIF) in the Treatment of Degenerative Conditions of the Lumbar Spine. Poster presentation at the CNS Annual Meeting, San Diego, CA, September 15-20, 2007.
43. **Khajavi K,** Mihelic E, Malcolm J. Bioresorbable Spacers in the Treatment of Multilevel Cervical Spondylosis. 2006 Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerve, Lake Buena Vista, FL, March 15-18, 2006.
44. **Khajavi K,** Mihelic E, Malcolm J. Bioresorbable Spacers in the Treatment of Multilevel Cervical Spondylosis. Georgia Neurosurgical Society Meeting, November 19, 2005.
45. **Khajavi K,** Surgical Treatment of Extratemporal Epilepsy. 50<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, San Antonio, TX, September 27, 2000.
46. **Khajavi K,** Jabbari B, Christiansen D, Johnston P, Kelly M. Postoperative memory dysfunction in patients with lesional temporal lobe epilepsy treated with lesionectomy or lobectomy and limited hippocampal resection. 68<sup>th</sup> Annual Meeting of the American Association of Neurologic Surgeons, San Francisco, CA, April 2000.
47. **Khajavi K.** Strategies for Extratemporal Resective Surgery. 49<sup>th</sup> Annual Meeting of the Congress of Neurologic Surgeons, Boston, MA, November 3, 1999.
48. **Khajavi K.** Surgery for Mesial Temporal Sclerosis. 49<sup>th</sup> Annual Meeting of the Congress of Neurologic Surgeons, Boston, MA, November 3, 1999.
49. **Khajavi K.** Surgical Treatment of Movement Disorders. 18<sup>th</sup> Annual US Army Medical Department Neurology Conference: "Update in Neurology". Washington, DC, November 20, 1998.
50. Jabbari B, **Khajavi K.** Epilepsy Surgery: The Walter Reed Experience. 9<sup>th</sup> International Symposium: Epilepsy Surgery, Cleveland, OH, June 22-26, 1998.
51. Perl J II, Tkach JA, Ding X, Porrás-Jiminenez M, Leiber M, Obuchowski N, Ruggieri PM, Shearer D, Masryk T, **Khajavi K.** MRI Detection of Hemorrhage in the Setting of Acute CVA: A Canine Model. 31<sup>st</sup> Annual Meeting of the American Society of Neuroradiology, Toronto, Canada, May 18-22, 1997.
52. Tkach JA, Perl J II, Porrás-Jiminenez M, Ding X, Shearer D, Ruggieri PM, Ross JS, **Khajavi K,** Leiber M, Obuchowski N, Masryk T. Detection of Hyperacute Parenchymal Hematomas and Subarachnoid Hemorrhage: Dog Model. 5<sup>th</sup> Scientific Meeting and Exhibition of the International Society Magnetic Resonance in Medicine, Vancouver, British Columbia, Canada, April 12-18, 1997.
53. **Khajavi K,** Ayzman 1, Schearer D, Jones S, Murray P, Prayson RA, Levy JH, Hahn JF, Chyatte D. Milrinone for the treatment of cerebral vasospasm. 22<sup>nd</sup> Annual Richard Lende Winter Neurosurgery Conference, Snowbird, Utah, February 1996.
54. **Khajavi K,** Ayzman 1, Schearer D, Jones S, Murray P, Prayson RA, Levy JH, Hahn JF, Chyatte D. Prevention of chronic cerebral vasospasm in dogs with milrinone. Oral presentation, 45<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, San Francisco, CA, Oct 17, 1995.
55. **Khajavi K,** Prayson R, Comair Y, Hahn JF. Cortical dysplasia and MIB1 immunoreactivity in patients with ganglioglioma. Plenary Session 1, at the 63<sup>rd</sup> Annual Meeting of the American Association of Neurologic Surgeons, Orlando, FL, April 24, 1995.

56. Prayson R, **Khajavi K**, Comair Y. Cortical dysplasia and MIB1 (Ki-67) immunoreactivity in ganglioglioma: a study of 60 patients. Annual Meeting of the United States and Canadian Academy of Pathology, Toronto, Canada, March 11-17, 1995.
57. Steiner CP, **Khajavi K**, Chyatte D, Ayzman 1, Hahn JF. Image doctor: a new system to quantitate angiographic narrowing in an animal model of vasospasm. 21st Annual Richard Lende Winter Neurosurgery Conference, Snowbird, UT, Feb 4-11, 1995.
58. **Khajavi K**, Comair Y, Prayson R, Wyllie E, Palmer J, Estes M, Hahn JF. Completeness of tumor resection determines seizure outcome in children with intractable epilepsy and gangliogliomas. 62<sup>nd</sup> Annual Meeting of the American Association of Neurologic Surgeons, San Diego, CA. April 13, 1994.
59. Hahn JF, **Khajavi K**, Comair Y, Prayson R, Wyllie E, Estes M. Childhood ganglioglioma and medically intractable epilepsy: a clinicopathological study of 15 patients and a review of the literature. Annual Meeting of the American Society of Pediatric Neurosurgeons, Nevis, West Indies. February 5, 1994.
60. **Khajavi K**, Comair Y, Wyllie E, Morris H, Hahn JF. Tumor associated epilepsy in children. Lende Winter Neurosurgical Society Meeting, Snowbird, UT. January 31, 1994.
61. **Khajavi K**, Comair Y, Wyllie E, Morris H, Hahn JF. Intractable epilepsy and primary brain tumors: completeness of tumor resection determines seizure outcome. 43rd annual meeting of the Congress of Neurologic Surgeons, Vancouver, British Columbia. October 6, 1993.

### Invited Surgeon Faculty

1. Faculty for Lateral Position L5-S1 ALIF (NuVasive). Miami, FL, Sept 8, 2019
2. Lab faculty, Cleveland Clinic Spine Review Course. Cleveland, OH. July 18-22
3. Faculty for Lumbar corpectomy and L5-S1 ALIF in the Lateral Position (NuVasive). San Diego, CA, June 29, 2019
4. Faculty for Treatment of Degenerative Conditions at L4-S1 in the Lateral Position Course (NuVasive). San Diego, CA, May 19, 2018
5. Faculty for Treatment of Degenerative Conditions at L4-S1 in the Lateral Position Course (NuVasive). San Diego, CA, May 17, 2018
6. Instructor for Single Position Lateral Solutions to Treat L4-S1 Course (NuVasive). Atlanta, GA, May 12, 2018
7. Single Position Lateral Solutions to Treat L4-S1, Featuring Advanced 3D Printer Implants and LessRay Radiation Emission Reduction Technology. American Association of Neurologic Surgeons Annual Meeting, New Orleans, LA, April 30, 2018.
8. Instructor for NuVasive Lateral L5-S1 ALIF Course, Baltimore, MD, April 27, 2018

9. Instructor for NuVasive Lateral L5-S1 ALIF Course, San Diego, CA, March 22-23, 2018
10. Instructor for NuVasive Lateral L5-S1 ALIF Course, San Diego, CA, February 16, 2018
11. Instructor for NuVasive Lateral L5-S1 ALIF Course, San Diego, CA, Dec 1-2, 2017
12. Instructor for NuVasive Lateral L5-S1 ALIF Course, San Diego, CA, Nov 9-11, 2017
13. Piedmont Spine Update 2015, Atlanta, GA, 14 Nov 2015. Course Director
14. Advanced XLIF Course. Instructor for Surgeon's Visit Program (NuVasive), San Antonio, TX, 12-13 June 2015
15. Advanced XLIF Course. Instructor for Marquis Surgeon's Visit Program (NuVasive), Paramus, NJ. 27 June 2014.
16. Instructor for Minimal Access Spine Surgery Residents and Fellows Course (NuVasive). Paramus, NJ. 29 March 2014.
17. XLIF Research Symposium. Course Co-director. Hot Springs, VA November 2013
18. Minimally Invasive Spine Surgery. Instructor for Surgeon's Visit Program (NuVasive), Birmingham, AL 24 October 2013
19. Minimally Invasive Spine Surgery. Instructor for Surgeon's Visit Program (NuVasive), Huntsville, AL 7 August 2013
20. Advanced eXtreme Lateral Interbody Fusion Course. Instructor for Marquis Surgeon's Visit Program (NuVasive), Paramus, NJ. June 2013.
21. Expanded Indications for Lateral Lumbar Fusion Course. Instructor for Marquis Surgeon's Visit Program (NuVasive), Paramus, NJ. September 2012.
22. Advanced Lateral Lumbar Interbody Fusion Course. Instructor for Marquis Surgeon's Visit Program (NuVasive), San Diego, CA, July 2012.
23. Masters Spinal Surgery Course. Instructor for Marquis Surgeon's Visit Program (NuVasive), San Diego, CA, April 2011.
24. Complex Spinal Deformity Surgery. Instructor for Marquis Surgeon's Visit Program (NuVasive), San Diego, CA, December 2010.
25. Maximum Access Spine Surgery. Instructor for Marquis Surgeon's Visit Program (NuVasive), Walter Reed Army Medical/Bethesda Naval National Neurosurgery Consortium, Washington, DC, February 2010.
26. Expansive Cervical Laminoplasty: Instructor for Bethesda Spine Workshop, Uniformed Services University of the Health Sciences, April 2009.
27. Lateral Lumbar Fusion Options. Instructor for Bethesda Spine Workshop, Uniformed Services University of the Health Sciences, April 2009.

28. Maximum Access Spine Surgery. Instructor for Marquis Surgeon's Visit Program, Upstate Department of Neurosurgery, Syracuse, NY, September 2008.
29. Lateral Lumbar Fusion Options. Instructor for Bethesda Spine Workshop, Uniformed Services University of the Health Sciences, May 2008.
30. Instructor for Bethesda Spine Workshop, Cervical Section, Uniformed Services University of the Health Sciences, May 2008.
31. Lateral Lumbar Fusion Options. Instructor for Bethesda Spine Workshop, Uniformed Services University of the Health Sciences, May 2007.
32. Extreme Lateral Lumbar Interbody Fusion (XLIF). Instructor for Bethesda Spine Workshop, Uniformed Services University of the Health Sciences, June 2006.
33. Maximum Access Spine Surgery. Instructor for Marquis Surgeon's Visit Program (NuVasive), San Diego, CA, April 2006.
34. Extreme Lateral Lumbar Interbody Fusion (XLIF). Instructor for Marquis Surgeon's Visit Program (NuVasive), South Florida Spine Clinic, February 2006.
35. Maximum Access Spine Surgery. Instructor for Marquis Surgeon's Visit Program (NuVasive), San Diego, CA, August 2005.
36. Extreme Lateral Lumbar Interbody Fusion (XLIF). Course Co-Director (NuVasive), University of South Florida, July 2004.
37. Instructor for Bethesda Spine Workshop, Peripheral Nerve Section, Uniformed Services University of the Health Sciences, June 2000.

### **Invited Concussion Talks: NFL and the Atlanta Falcons, Heads up / USA Football**

1. Sports Concussions: Piedmont Brainstorm, 22 July 2011
2. Football Concussions. NFL Health & Safety Talk, Stone Mountain HS, 19 April 2012
3. Sports head injuries. Chiropractic & Beyond Fall Seminars, Marietta GA, 3 Dec 2011.
4. Football Concussions. Atlanta Falcons Coaches Clinic, Flowery Branch GA, 14 June 2013
5. Football Concussions. USA Football Player Safety Clinic, Marist High school, Atlanta, GA, July 2013

6. Football Concussions. USA Football Player Safety Clinic, Marist High school, Atlanta, GA, 3 August 2013
7. Sports head injuries. Chiropractic & Beyond Fall Seminars, Marietta, GA, 6 Oct 2012
8. Sports head injuries. Chiropractic & Beyond Fall Seminars, Marietta, GA, 1 Dec 2012
9. Football Concussions. NFL Mom's clinic, Kings Ridge Christian School, Alpharetta GA, 18 March 2014
10. Football Concussions. NFL Mom's clinic, Sandy Creek High School, Tyrone GA, 22 April 2014
11. Football Concussions. USA / Heads up football, Atlanta, GA, 15 July 2014