

CURRICULUM VITAE
HUGH FRANKLIN SMISSON III
MACON, GEORGIA 31210

EDUCATION:

Neurosurgical Residency, Medical College of Georgia, Augusta, Georgia
July, 1987 - June 30, 1992

Chief Resident, Neurological Surgery, Medical College of Georgia, Augusta, Georgia
April 1, 1991 - March 31, 1992

Intern, Department of Surgery, Medical College of Georgia, Atlanta, Georgia
July 1, 1986 - June 30, 1987

M.D., Medical College of Georgia, Augusta, Georgia
September 1981 - June 1986

B.B.A., Emory University, School of Business
Administration, Atlanta, Georgia
September 1977 - June 1979

A.A., Oxford College of Emory University, Oxford, Georgia
July 1975 - June 1977

Board Certified November 1995
American Board of Neurological Surgery

F.A.C.S., Fellow of American College of Surgeons
October 1998 to present

PRACTICE POSITION:

Vice-president – Georgia Neurosurgical Institute

**MEDICAL SOCIETIES
AND APPOINTMENTS:**

Theta Kappa Psi Medical Fraternity
American Medical Association
Georgia Neurosurgical Society
Bibb County Medical Society
Medical Association of Georgia

Clinical Assistant Professor, Department of Surgery, Mercer University School of Medicine,
1994

American Association of Neurological Surgery

Chairman of Division of Neurosurgery, Medical Center of Central Georgia, 1998

AANS/CNS, Section on Disorders of the Spine

Chairman, Department of Surgery, Mercer School of Medicine July 1, 2004 – June 30, 2006

Chairman, Department of Surgery, Mercer School of Medicine July 1, 2006 – June 30, 2008

Chairman, Department of Surgery, Mercer School of Medicine July 1, 2008 – June 30, 2010

VISITING PROFESSOR:

1994 - Lima, Peru .Visiting Neurosurgical Professor

PRESENTATIONS:

Annual Meeting Southern Neurosurgical Society, Key West, Florida .APost Lumbar Interbody Fusion: A Review of the Procedure at the Medical College of Georgia .H.F. Smisson, III, M.D., M.B. Allen, M.D. pril 1990

Georgia Neurosurgical Society A Review of Rodding Procedures at the Medical College of Georgia .H.F. Smisson, III, M.D., M.B. Allen, M.D. .May 1990

Medical College of Georgia Neurosurgery Alumni Conference Case Report: Vertebrobasilar Insufficiency Caused by Herniated Disc .February 1992

Georgia Neurosurgical Society, Sea Island, Georgia .Paper: ALaparoscopic Assisted Lumboperitoneal Shunt New Procedure - H.F. Smisson, III, M.D., E.K. Mark, M.D.- May 1992

Georgia Neurosurgical Society Spring Meeting, Sea Island, Georgia .Paper: ACase Report Vertebrobasilar Insufficiency Caused by Herniated Disc - H.F. Smisson, III, M.D., E.K. Mark, M.D. .May 1992

7th European Congress of Surgery, Athens Greece. Anterior Screw Fixation of Traumatic Odontoid Fracture, KN Fountas, JS Robinson, **HF Smisson III**, June 1997.

Winter GA Neurosurgical Society Meeting, Atlanta, Georgia. Minimalization of Early Postoperative Lumbar Discectomy Pain by Irrigation and Cooling, EK Fountas, **HF Smisson III**, KW Johnston, JS Robinson Jr, November 1997.

Spring GA Neurosurgical Society Meeting, Sea Island, Georgia. Intraoperative Electromyographic Monitoring During Lumbar Microdiscectomy, KN Fountas, KW Johnston, **HF Smisson**, JS Robinson, May 1998.

XXXI World Congress of the International College of Surgeons, November 1998, Buenos Aires, Argentina. ``Acute Odontoid Fractures Stabilization with Anterior Screw Fixation`` , KN Fountas, EZ Kapsalaki, KW Johnston, HF Smisson, JS Robinson.

Annual Spring GA Neurosurgical Society Meeting, Sea Island, Georgia. Intracranial temperature and brain death, C Feltes, KN Fountas, **H Smisson**, JS Robinson, May 1999.

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11th European Congress of Neurosurgery, Copenhagen, Denmark. Intracranial temperature: Is it stable throughout the brain, KN Fountas, E Kapsalaki, C Feltes, M Ajjan, **H Smisson**, K Johnston, C Troup, JS Robinson, September 1999.

11th European Congress of Neurosurgery, Copenhagen, Denmark. Flow-controlled continuous lumbar drainage: technical report, KN Fountas, P Houle, **H Smisson**, J Vender, C Troup, JS Robinson, September 1999.

11th European Congress of Neurosurgery, Copenhagen, Denmark. The role of intraoperative EMG monitoring in lumbar discectomies, KN Fountas, E Kapsalaki, C Feltes, K Johnston, **H Smisson**, L Hartman, JS Robinson, September 1999.

1st World Spine Meeting, Berlin, Germany. Results and complications of anterior screw fixation of type I and II odontoid fractures, KN Fountas, E Kapsalaki, C Feltes, K Johnston, **H Smisson**, JS Robinson, August 2000.

1st World Spine Meeting, Berlin, Germany. The role of the amount of lumbar disc removed in patients outcome in LMD, KN Fountas, E Kapsalaki, C Feltes, K Johnston, **H Smisson**, JS Robinson, August 2000.

1st World Spine Meeting, Berlin, Germany. The role of intraoperative EMG monitoring in LMD, KN Fountas, E Kapsalaki, C Feltes, K Johnston, **H Smisson**, JS Robinson, August 2000.

14th Annual Meeting of the Greek Neurosurgical Society, Thessalonika, Greece. Results and complications from the use of a frameless Stereotactic Navigator System, KN Fountas, EZ Kapsalaki, CH Feltes, **HF Smisson**, KW Johnston, EC Troup, LP Hartman, JS Robinson, November 2000.

National European Congress of Neurosurgery of Paraguay, Assuncion, Paraguay. C1-C2 surgical stabilization techniques, KN Fountas, CH Feltes, AA Grigorian, KW Johnston, **HF Smisson**, EC Troup, JS Robinson, September 2003.

12th European Congress of Neurosurgery. ``Comparison of a new non-invasive ultrasonic technology and standard invasive intra-cranial pressure monitoring in the evaluation of cerebrovascular auto-regulation in patients with severe closed head injury,`` KN Fountas, VG Dimopoulos, CH Feltes, M Kassam, R Davydov, AA Grigorian, KW Johnston, HF Smisson, EC Troup, JS Robinson, A Ragauskas, September 2003.

20th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA. Results of Long-Term Follow-up in Patients undergoing Anterior screw Fixation for Type II and III Odontoid Fractures, KN Fountas, VG Dimopoulos, CH Feltes, EZ Kapsalaki, AA Grigorian, **HF Smisson**, KW Johnston, JS Robinson, March 2004.

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EANS Winter Meeting Prague, Czech Republic. `` Multi-institutional Prospective Phase II Clinical study utilizing Focal Radiation in Patients with 1-3 Brain Metastases, '' KN Fountas, EZ Kapsalaki, **HF Smisson**. February 2005.

13th World Congress of Neurological Surgery, Marrakesh, Morocco. `` Definitive Diagnosis of Cerebral Abscesses Versus Malignant Brain Tumors by Proton Magnetic Resonance, '' KN Fountas, ED Gotsis, EZ Kapsalaki, **HF Smisson**, IZ Kapsalakis, IM Fezoulidis, TG Machinis, JS Robinson. June 2005.

EANS Winter Meeting, Luzembourg. `` Complications of Anterior Cervical Discectomy and Fusion; Lessons that can be Learned, '' KN Fountas, TG Machinis, EZ Kapsalaki, CH Feltes, **HF Smisson**, JS Robinson. February 2006.

European Spine Journal. "Interobservational Variation in Determining Fusion Rates in Anterior Cervical Discectomy and Fusion Procedures." KN Fountas, EZ Kapsalaki, BE Smith, LG Nikolakakos, CH Richardson, **HF Smisson**, JS Robinson Jr., DC Parish. [Epublished ahead of print] Impact Factor: 1.458. June 24, 2006.

ABSTRACTS:

The British Journal of Surgery, Vol 84:2, 105, 1997. `` Anterior Screw Fixation of Traumatic Odontoid Fracture, '' KN Fountas, **HF Smisson III**.

XII Meeting World Society Stereotactic Functional Neurosurgery, Lyon, July 1997. Results and complications from the use of an SMN Frameless Stereotaxy Navigator System, KN Fountas, **HF Smisson**, LP Hartman, KW Johnston, JS Robinson.

XXXI World Congress of the International College of Surgeons, Buenos Aires, Argentina, November 1998. Acute odontoid fractures stabilization with anterior screw fixation, KN Fountas, EZ Kapsalaki, KW Johnston, **HF Smisson**, JS Robinson.

Proceedings of the 11th European Congress of Neurosurgery, pp 895-899, 1999. "The role of intraoperative EMG monitoring in lumbar discectomies, KN Fountas, E Kapsalaki, C Feltes, K Johnston, H Smisson, L Hartman, JS Robinson.

Proceedings of the 11th European Congress of Neurosurgery, pp 895-899, 1999. "Intracranial temperature: Is it stable throughout the brain?" KN Fountas, E Kapsalaki, CH Feltes, M Ajjan, **HF Smisson III**, KW Johnston, EC Troup, JS Robinson.

Proceedings of the 12th European Congress of Neurosurgery, Monduzzi Editore International Proceeding Division, September 2003, 465-476. Comparison of a new non-invasive

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ultrasonic technology and standard invasive intra-cranial pressure monitoring in the evaluation of cerebrovascular auto-regulation in patients with severe closed head injury, KN Fountas, VG Dimopoulos, CH Feltes, M Kassam, R Davydov, AA Grigorian, KW Johnston, HF Smisson, EC Troup, JS Robinson, A Ragauskas.

Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore International Proceeding Division September 2003, 899-903. Correlation of Recurrent Laryngeal Nerve (RLN) Intraoperative Electromyographic Monitoring (IEMG) Findings with Postoperative Findings in Patients Undergoing Anterior Cervical Discectomy (ACD&F), VG Dimopoulos, CH Feltes, KN Fountas, M Kassam, R Davydov, R Vogel, KW Johnston, HF Smisson, AA Grigorian, and JS Robinson.

PUBLICATIONS:

Neurosurgery, May 1990, Volume 26 abstract-Post Lumbar Interbody Fusion: A Review of Procedures at the Medical College of Georgia-Hugh F. Smisson, III and Marshall B. Allen, Jr., M.D.

Hellenic Neurosurgery, 3:3, 171-175, 1996. Surgical Stabilization for Atlantoaxial Subluxation. H.F. Smisson III, M.D., K.N. Fountas, M.D., L.P. Hartman, M.D., K.W. Johnston, M.D., and J.S. Robinson Jr., M.D.

Hellenic Neurosurgery, 4:2, 1997. The Role of Third Ventriculostomy in the Treatment of Obstructive Hydrocephalus. H.F. Smisson III, M.D., K.N. Fountas, M.D., L.P. Hartman, M.D., K.W. Johnston, M.D., and J.S. Robinson Jr., M.D.

The British Journal of Surgery, Vol 84:2, pg 105, 1997. Anterior Screw Fixation of Traumatic Odontoid Fracture. H.F. Smisson III, M.D., K.N. Fountas, M.D., L.P. Hartman, M.D., K.W. Johnston, M.D., J.S. Robinson Jr., M.D.

Stereotactic and Functional Neurosurgery; 71-76-82, 1999. Results and complications from the use of an SMN Frameless Stereotaxy Navigator System, KN Fountas, HF Smisson, LP Hartman, KW Johnston, JS Robinson.

SPINE; 24:1958-1960, 1999. Postoperative Microdiscectomy Pain: Minimalization by Irritation and Cooling. KN Fountas, E. Kapsalaki, K. Johnston, H. Smisson, R. Vogel, JS Robinson Jr.

Hellenic Neurosurgery; 6:103-108, 1999. "Intra-operative electro-myographic monitoring during lumbar microdiscectomy," KN Fountas, EZ Kapsalaki, CH Feltes, KW Johnston, HF Smisson, JS Robinson.

Stereotactic and Functional Neurosurgery, 74:83-94, 2000. In vivo Proton MRS of brain

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tumors. KN Fountas, EZ Kapsalaki, SD Gotsis, JZ Kapsalakis, HF Smisson, KW Johnston, JS Robinson, N Papadakis.

Neurosurgery; 50:672-673, 2002. C1-2 Transarticular Screw Fixation for Atlantoaxial Instability: A 6-year Experience. KN Fountas, HF Smisson, JS Robinson Jr.

Journal of Neurosurgical Anesthesiology, Vol 15:2, 87-89, April 2003. Disassociation of intracranial and systemic temperature as an early sign of brain death. KN Fountas, EZ Kapsalaki, CH Feltes, HF Smisson, KW Johnston, AA Grigorian, JS Robinson.

Neuro-Critical Care Vol 1; 2:195-00, 2004. Intracranial temperature: Is it stable throughout the brain? KN Fountas, EZ Kapsalaki, CH Feltes, KW Johnston, HF Smisson, JS Robinson.

SPINE, Vol 29 (22), 2521-24, 2004. Correlation of the Amount of Disc removed in a Lumbar Microdiscectomy with patients long-term outcome, KN Fountas, EZ Kapsalaki, CH Feltes, JS Robinson Jr., KW Johnston, HF Smisson, RL Vogel.

Southern Medical Journal Vol 97(11) 1042-48, Nov 2004. C1-2 Transarticular Screw Fixation for Atlanto-Axial Instability, KN Fountas, EZ Kapsalaki, CH Feltes, M Kassam, AN Boev, KW Johnston, HF Smisson, EC Troup, JS Robinson.

SPINE 2005 Mar 15;30(6):661-669. Results of long-term follow-up patients undergoing anterior screw fixation for type II and rostral type III odontoid fractures, KN Fountas, EZ Kapsalaki, I Karampelas, CH Feltes, VG Dimopoulos, LG Nikolakakos, AN Boev, H Choudhri, HF Smisson, JS Robinson.

Southern Medical Journal 2005 Aug 98(8):767-773. Intraventricular Administration of rt-PA in Patients with Intraventricular Hemorrhage, KN Fountas, EZ Kapsalaki, DC Parish, B Smith, HF Smisson, KW Johnston, JS Robinson.

Southern Medical Journal 98(9) September 2005. Surgical Treatment of Acute Type II and Rostral Type III Odontoid Fractures Treated by Anterior Screw Fixation, KN Fountas, TG Machinis, EZ Kapsalaki, VG Dimopoulos, CH Feltes, R Liipfert, KW Johnston, HF Smisson, JS Robinson.

Neurosurgical Review 29(1):14-18, 2006. Review of the Literature Regarding the Relationship of Rebleeding and External Ventricular Drainage in Patients with Subarachnoid Hemorrhage of Aneurysmal Origin, KN Fountas, EZ Kapsalaki, TG Machinis, I Karampelas, H Smisson, JS Robinson.

Neurosurg Rev 4:1-9, 2006 [Epub ahead of print]. "Management of intracranial meningeal hemangiopericytomas: outcome and experience," KN Fountas, EZ Kapsalaki, CH Feltes, HF Smisson III, KW Johnston, JS Robinson Jr.

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J Clinical Neuroscience (to be published). "Salvage of a failed odontoid screw," KN Fountas, EZ Kapsalaki, TG Machinis, R Liipfert, HF Smisson III.

POSTERS:

12th Meeting of the World Society for Stereotactic and Functional Neurosurgery, Lyon, France. Results and complications from the use of ana SMN Frameless Stereotaxy Navigator System, KN Fountas, HF Smisson III, LP Hartman, KW Johnston, JS Robinson Jr., July 1997.

8th Annual Meeting of the European Spine Society, Kos, Greece. Minimalization of Early Postoperative Lumbar Discectomy Pain by Irritation and Cooling, KN Fountas, EK Fountas, HF Smisson III, KW Johnston, JZ Kapsalakis, JS Robinson Jr., September 1997.

Joint section of AANS/CNS on Spine and Peripheral Nerves, Rancho Mirage, CA. Minimalization of Early Postoperative Lumbar Discectomy Pain by Irritation and Cooling, KN Fountas, EK Fountas, HF Smisson III, KW Johnston, R Vogel, JZ Kapsalakis, JS Robinson Jr., February 1998.

XXXI World Congress of the International College of Surgeons, Buenos Aires, Argentina. Acute Odontoid Fractures Stabilization with Anterior Screw Fixation, KN Fountas, EZ Kapsalaki, KW Johnston, HF Smisson, JS Robinson, November 1998.

Britspine 99, Manchester, England, United Kingdom. Intraoperative EMG monitoring during lumbar Microdiscectomy, KN Fountas, E Kapsalaki, M Ajjan, K Johnston, H Smisson, L Hartman, JS Robinson, March 1999.

67th AANS Meeting, New Orleans, LA. Intraoperative EMG monitoring during lumbar Microdiscectomy, KN Fountas, C Feltes, E Kapsalaki, K Johnston, H Smisson, L Hartman, JS Robinson, April 1999.

67th AANS Meeting, New Orleans, LA. Comparison of Intracranial with Systemic Temperature, KN Fountas, H Smisson, K Johnston, C Troup, L Hartman, E Kapsalaki, M Ajjan, C Feltes, JS Robinson, April 1999.

49th CNS Meeting, Boston, MA. Correlation of the Intraventricular Temperature with Brain Death, KN Fountas, CH Feltes, EZ Kapsalaki, HF Smisson, KW Johnston, EC Troup, JS Robinson, November 1999 (oral poster).

68th AANS Meeting, San Francisco, CA. Correlation of the amount of disc removed in a lumbar discectomy with patient outcome, KN Fountas, EZ Kapsalaki, CH Feltes, HF Smisson, KW Johnston, LP Hartman, JS Robinson, April 2000.

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50th CNS Meeting, San Antonio, TX. Decreased intra-cranial temperature as an early prognostic sign of brain death, KN Fountas, EZ Kapsalaki, CH Feltes, HF Smisson, KW Johnston, JS Robinson, September 2000 (oral poster).

17th Joint Section of AANS/CNS on Spine and Peripheral Nerves, Phoenix, AZ. The intraoperative utility of bilateral three myotome Electromyographic monitoring with baseline activity recording in lumbar microdiscectomy, AD Cholnoky, B Fuhrmann, LP Hartman, LH Faircloth, D Melone, HF Smisson, KN Fountas, KW Johnston, CH Feltes, JS Robinson Jr., February 2001.

71st AANS Annual Meeting, San Diego, CA. Ultrasound non-invasive cerebrovascular auto-regulation monitoring technique compared with standard invasive technique in patients with severe closed head injury, A Ragauskas, VG Dimopoulos, CH Feltes, KN Fountas, R Davydov, A Grigorian, HF Smisson, KW Johnston, EC Troup, JS Robinson, April 2003.

71st AANS Annual Meeting, San Diego, CA. Continuous intraoperative electromyographic monitoring of recurrent laryngeal nerve using a newly described scale, VG Dimopoulos, CH Feltes, KN Fountas, R Davydov, N Jallad, R Vogel, HF Smisson, KW Johnston, JS Robinson, A Grigorian, April 2003.

12th European Congress of Neurosurgery, Lisbon, Portugal. Continuous intraoperative electromyographic monitoring of recurrent laryngeal nerve using a newly described scale, VG Dimopoulos, CH Feltes, KN Fountas, R Davydov, R Vogel, HF Smisson, KW Johnston, JS Robinson, A Grigorian, September 2003.

53rd CNS Annual Meeting, Denver, CO. Correlation of Recurrent Laryngeal Nerve (RLN) Intraoperative Electromyographic Monitoring (IEMG) Findings with Postoperative Findings in Patients Undergoing Anterior Cervical Discectomy (ACD&F), VG Dimopoulos, CH Feltes, KN Fountas, M Kassam, R Davydov, R Vogel, KW Johnston, HS Smisson, AA Grigorian, JS Robinson, October 2003.

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, San Diego, CA. Results of Long-Term Follow-up in Patients undergoing Anterior Screw Fixation for Type II and III Odontoid Fractures, KN Fountas, VG Dimopoulos, CH Feltes, EZ Kapsalaki, AA Grigorian, HF Smisson, KW Johnston, JS Robinson, March 2004.

72nd AANS Annual Meeting, Orlando, FL. The role of Proton Magnetic Resonance Spectroscopy in differentiating between cerebral abscess and glioblastoma multiforme, KN Fountas, EZ Kapsalaki, CH Feltes, HF Smisson, JS Robinson, ED Gotsis, May 2004.

Neurocritical Care Society, Scottsdale, AZ. Intraventricular Administration of rt-PA in Patients with Intraventricular Hemorrhage, KN Fountas, EZ Kapsalaki, DC Parish, B Smith, HF Smisson, KW Johnston, JS Robinson, February 2005.

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73rd Annual Meeting AANS. Cauda equina syndrome without radiological explanation in patients undergoing one-level lumbar microdiscectomy (LMD) for radiculopathy, VG Dimopoulos, CH Feltes, KN Fountas, B Fuhrmann, I Chung, KW Johnston, HF Smisson, JS Robinson, AA Grigorian, April 2005.

13th World Congress of Neurological Surgery, Marrakesh, Morocco. Outcome Analysis of Patients with Intraventricular Hemorrhage Treated with Intraventricular Administration of rt-PA, KN Fountas, EZ Kapsalaki, T Machinis, HF Smisson, KW Johnston, JS Robinson. June 2005.

EANS Winter Meeting, Luxembourg. "Anterior Screw Stabilization for Surgical Management of Type II and Rostral Type III Acute Odontoid Fractures," KN Fountas, TG Machinis, EZ Kapsalaki, LG Nikolakakos, CH Feltes, AA Grigorian, KW Johnston, JS Robinson, HF Smisson III. February 2006.

AANS Annual Meeting, San Francisco, CA. "Outcome of Patients Undergoing Anterior Cervical Discectomy and Fusion Utilizing a Novel Cervical Plate." KN Fountas, EZ Kapsalaki, LG Nikolakakos, TG Machinis, RR Liippfert, JS Robinson Jr., HF Smisson. April 2006.

Congress of Neurological Surgeons 56th Annual Meeting, Chicago, IL. "Anterior Cervical Discectomy and Fusion Outcome Utilizing a Novel Cervical Plate." KN Fountas, EZ Kapsalaki, LG Nikolakakos, RR Liippfert, JS Robinson Jr., HF Smisson. October 2006.

Congress of Neurological Surgeons 56th Annual Meeting, Chicago, IL. "Occurrence and Management of Anterior Cervical Discectomy and Fusion Associated Complications." KN Fountas, EZ Kapsalaki, JS Robinson Jr., HF Smisson. October 2006.

AANS Annual Meeting, Washington, DC, USA. "Immediate Economic Outcome Analysis of Interspinous Process Decompression (IPD) and Single Level Lumbar Decompression for Spinal Stenosis." MA Kassam, CH Feltes, LG Nikolakakos, MS Walid, ACM Barth, KN Fountas, EO Richter, AA Grigorian, HF Smisson, KW Johnston, JS Robinson Jr. April 2007.

AANS Annual Meeting, Washington, DC, USA. "Economic Impact Model for the Development of a Statewide Trauma System in the USA." CH Feltes, AI Escurra, MA Kassam, LG Nikolakakos, KN Fountas, MS Walid, ACM Barth, D Zhao, AJ Ulm, EO Richter, DA Ashley, AA Grigorian, EC Troup, HF Smisson, KW Johnston, JS Robinson Jr. April 2007.