

CURRICULUM VITAE
HUGH FRANKLIN SMISSON III

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

PRACTICE POSITION:

Vice-president - The Neurological Institute of Central Georgia

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

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. .April 1990
Georgia Neurosurgical Society .AA 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 .ACase

Report:Vertebrobasilar Insufficiency Caused by Herniated Disc@ .February 1992
Georgia Neurosurgical Society, Sea Island, Georgia .Paper: ΔLaparoscopic Assisted
Lumboperitoneal Shunt .A New Procedure@ - H.F. Smisson, III, M.D., E.K. Mark, M.D.-
May 1992

Georgia Neurosurgical Society Spring Meeting, Sea Island, Georgia .Paper: ΔCase
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. ΔAnterior Screw Fixation of
Traumatic Odontoid Fracture,@ KN Fountas, JS Robinson, **HF Smisson III**, June 1997.

Winter GA Neurosurgical Society Meeting, Atlanta, Georgia. ΔMinimalization 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. ΔIntraoperative
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, Argentine. "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. ΔIntracranial
temperature and brain death,@ C Feltes, KN Fountas, **H Smisson**, JS Robinson, May
1999.

11th European Congress of Neurosurgery, Copenhagen, Denmark. ΔIntracranial

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. ΔFlow-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. ΔThe 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. ΔResults 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. ΔThe 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. ΔThe 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.

ΔResults 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. ΔC1-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. ΔResults 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.

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.

ABSTRACTS:

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

XIIth Meeting World Society Stereotactic Functional Neurosurgery, Lyon, July 1997.

ΔResults 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. ΔAcute 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. ΔComparison 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.

Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore

International Proceeding Division September 2003, 899-903. ΔCorrelation 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-ΔPost 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. ΔSurgical 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. ΔThe 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. ΔAnterior 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. ΔResults 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. ΔPostoperative 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. ΔIn vivo Proton MRS of brain tumors.@ KN Fountas, EZ Kapsalaki, SD Gotsis, JZ Kapsalakis, HF Smisson,
KW Johnston, JS Robinson, N Papadakis.
Neurosurgery; 50:672-673, 2002. ΔC1-2 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.
ΔDisassociation 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. ΔIntracranial 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. ΔCorrelation 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. ΔC1-2 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. ΔResults 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. ΔSurgical 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. ΔReview 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.

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. ΔResults and complications from the use of an 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. ΔMinimalization 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.ΔMinimalization 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. ΔIntraoperative 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. ΔIntraoperative 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. ΔComparison 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. ΔCorrelation 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. ΔCorrelation 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.
50th CNS Meeting, San Antonio, TX. ΔDecreased 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.

ΔThe 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. ΔUltrasound 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. ΔContinuous 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. ΔContinuous 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. ΔCorrelation 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. ΔResults 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. ΔThe 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. ΔIntraventricular 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.

73rd Annual Meeting AANS. ΔCauda 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. ΔOutcome 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.