

CURRICULUM VITAE

JOE SAM ROBINSON, JR.

840 Pine Street, Suite 880

Macon, GA 31201

478-743-7092

EDUCATION

Harvard College 1963-1967 A.B. Cum Laude

University of Virginia 1967-1971 M.D.

Overseas Rotation (1971):

St. Bart's Hospital, London

National Heart Hospital, London

Northwestern University 1975 M.S.

POST-GRADUATE TRAINING

1971- 1972 Emory University -Straight surgery internship

1972- 1973 Emory University -First year general surgery resident

1973- 1978 Northwestern University -Neurosurgery residency

July 1973- Oct 1974 Children's Hospital

Oct 1974- Jan 1976 National Institute of Health (Research)

Jan 1976- July 1977 Northwestern Memorial Hospital

July 1977- Jan 1978 Memorial-Sloan Kettering (Neurosurgical Fellow)

Jan 1978- July 1978 Evanston Hospital

POST-RESIDENCY

CLINICAL APPOINTMENTS:

1978- 1979 Attending neurosurgeon, Cook County Hospital, Chicago, IL

1979- 1981 Attending neurosurgeon, West Haven VA, Yale University

1981 Medical Center of Central Georgia, Middle Georgia Hospital, HCA-Coliseum

Park Hospital, Macon, Georgia

1984 Macon Northside Hospital, Macon, Georgia Attending Neurosurgeon

CLINICAL GOVERNANCE APPOINTMENTS:

1988 Chief of Neurosurgery Division Medical Center of Central Georgia

1989- 1993 Chairman -Department of Surgery Medical Center of Central Georgia Joe Sam Robinson Jr., M.D.

1993- 1996 Vice Chairman -Department of Surgery Medical Center of Central

Georgia 1996- 2005 Chairman, Department of Surgery Medical Center of Central

Georgia 2005 Chief of Staff, Medical Center of Central Georgia 2007 President, The

State Board of Physicians Work Force

ACADEMIC APPOINTMENTS:

1978- 1979 Instructor, University of Illinois, Cook County Hospital
1979- 1981 Robert Wood Johnson Clinical Scholar, Instructor Yale University
1982 Clinical Assistant Professor, Department of Surgery, Mercer University of Medicine
1985 Clinical Associate Professor, Department of Surgery, Mercer University of Medicine
1988 Professor, Department of Surgery, Mercer University of Medicine Chief, Division of Surgery, Mercer University of Medicine
1997 Clinical Associate Professor, Medical College of Georgia 2002 Clinical Professor, Medical College of Georgia

PRACTICE POSITION:

President-Georgia Neurosurgical Institute, P.A.
NEUROSURGICAL EXAMINER
1992 Examiner -Mock Neurosurgery Boards, Medical College of GA
1994 Examiner -Mock Neurosurgery Boards, Medical College of GA
1995 Examiner -Mock Neurosurgery Boards, Medical College of GA
1997 Examiner -Mock Neurosurgery Boards, Medical College of GA
1998 Examiner -Mock Neurosurgery Boards, Medical College of GA
1999 Examiner -Mock Neurosurgery Boards, Medical College of GA
1999 Examiner -Mock Neurosurgery Boards, CNS Meeting, Boston, MA

COMMITTEES:

1992 Pediatric Surgical Services Committee The Children's Hospital
1993 Institutional Review Board-Medical Center of Central Georgia
1997 Legislative Committee, Bibb County Medical Society

VISITING PROFESSOR & LECTURER:

Feb 1979 McCormick Hospital, Chang Mai University, Chang Mai, Thailand
Sept 1980 Princess Margaret Rose Hospital, Edinburgh University, Edinburgh, UK
Oct 1981 National Autonomous University Hospital of Honduras, Tegucigalpa, Honduras
Oct 1985 Catholic University of Rome, Italy Joe Sam Robinson Jr., M.D.

- July 1986 Medical College of Georgia, Augusta, Georgia
- 1991 Spinal Injury Delegation; "Citizen Ambassador Program," People Republic of China
- 1992 Visiting Neurosurgical Professor, Kaunas Academic Neurosurgical Institution, Lithuania
- 1994 Visiting Professor, Lima, Peru
- 1998 Annual Medical College of Georgia Neurosurgery Alumni Symposium, School of Medicine, Medical College of Georgia
- 2002 European Association of Neurosurgical Societies, Rome, Italy, Spine Surgery Session Chairman
- 2003 Co-Chairman, Scientific session National Neurosurgical Meeting of Paraguay, Asuncion, Paraguay, September
- 2004 Keynote Speaker, Chief Residents Dinner, Mercer University School of Medicine
- 2004 Visiting Neurosurgeon, Karolinska Institute, Stockholm, Sweden
- 2004 Invited Lecturer, Annual Romanian Epilepsy Surgery Meeting, Bucharest, Romania, May 20-22
- 2005 Invited Lecturer, Eurovan State Medical University, Armenia
- 2005 Invited Lecturer, Paraguayan Congress of Neurology, Paraguay; "Treatment of Intracerebral Hemorrhages and Seminar on Traumatic Brain Injury."
- 2006 Invited Speaker, State Capitol, Atlanta, GA; "Safe America Announces Support for Georgia Statewide Trauma Network."
- 2007 Dr. Joe Sam Robinson was invited to the Aspen Institute in Aspen, CO to participate in a round table discussion of the "Justice and Society Seminar."

AWARDS AND HONORS:

- 1966 Harvard University -Rhodes Scholar nominee
- 1971 University of Virginia -History of Medicine Prize
- 1975 Northwestern University (Basic Research) -Addington Award
- 1977 Northwestern University -Addington Award 1986 Physicians Recognition Award
- 1986 Council for Children, Inc. -Friend of Children Award
- 1991 Second Place Poster Presentation -AANS Annual Meeting, New Orleans, LA
- 1991 Harvard University -Alumni Marshall
- 1992 Harvard University -Alumni Marshall
- 1993 AOA Society
- 1993 Neurosurgical Delegate; Legislative Assembly of Medical Association of Georgia
- 1994 Honorary Fellow, Neurosurgical Society -Peru
- 1994 University of Georgia Gridiron Secret Society
- 1994 Who's Who Among Distinguished Americans
- 1996 World Congress Center Venue, Atlanta University of Georgia (Soccer Venue), Athens Consulting Physician (Neurosurgeon) -1996 Olympics
- 1998 Who's Who in Science & Engineering
- 1998 Who's Who in America
- 1998 Who's Who in South and Southwest Joe Sam Robinson Jr.,

1998 "Robinson Bioresearch Laboratory" -Visionex Research Facility
1999 Who's Who in Medicine and Healthcare 2000 Delegate Joint State Council of
Neurosurgery
2000 Who's Who in the World
2001 Honored by Mercer University School of Medicine, Mercer University Medical
School Library -Bust of Galen
2004 Who's Who in American Education 2004 Honorary Member of the Will Sealy
Surgical Society

NEUROLOGICAL SURGERY:

Board Certified, September, 1981

MEDICAL SOCIETIES AND ASSOCIATIONS:

Bibb County Medical Society
Georgia Medical Society
American Medical Association
Georgia Neurosurgical Society
American Association of Neurological Surgery
Congress of Neurological Surgeons
Southern Neurosurgical Society
Central Georgia Cancer Center Physician's Advisory Board
Board of Directors -Georgia Neurosurgical Society -1989
Georgia Head and Spinal Cord Injury Prevention Committee
Georgia Neurosurgical Society Committee for Informed Consent
President of the Georgia Neurosurgical Society -1993
Neurosurgical Consultant -Norfolk Railroad
American Association of Neurological Surgeons

Key Man –Georgia Neurosurgical Society Joe Sam Robinson Jr., M.D.
New York Academy of Sciences Member
American Association for the Advancement of Science Member
Fellow of the International College of Surgeons, Vice Regent for State of Georgia
Fellow of the American College of Surgeons
International Society of Surgery (Société Internationale de Chirurgie)
Member of the Georgia District #2 Committee on Applicants of the American College
of Surgeons Member of the Joint Programs of Education Research and Health
Services between the Medical Center of Central Georgia and National Institute of
Health of Armenia
AANS Section on History of the Neurological Surgery

GOVERNMENT APPOINTMENTS:

1993 Doctor-of-the Day, Legislative Assembly, State of Georgia -03/16/93
2004 State of Georgia Physician Manpower Board
2005 Doctor-of-the-Day, Legislative Assembly, State of Georgia -03/29/05

COMMUNITY ACTIVITIES:

2002 Executive Board of Central Georgia Council, Boy Scouts of America
2007 Interviewed Don Faulk, MCGG's CEO and Dr. Dennis Ashley for FOX 5 our
of Atlanta. "Grady Hospital's financial problems and Trauma Care Services and the
future without funding.

MILITARY SERVICE:

Georgia National Guard; U. S. Army Reserves
Lieutenant Colonel; Neurosurgical Consultant, Retired

INTERNATIONAL CONGRESS PROCEEDINGS AND ABSTRACTS:

**1. Results and Complications from the Use of SMN Frameless Stereotaxy
Navigator System.** K.N. Fountas, E.Z. Kapsalaki, H.F. Smisson III, L.P. Hartman,
K.W. Johnston, J.S. Robinson. XII Meeting World Society Stereotactic Functional
Neurosurgery. Lyon, July 1997.
Joe Sam Robinson Jr., M.D.

2. Brain Temperature Measurements by Thermogram. J.S. Robinson and K.N. Fountas. *Surgical Neurology*, 1997; 99: 151-153.

3. Anterior Screw Fixation of Traumatic Odontoid Fracture. J.S. Robinson, K.N. Fountas, H.P. Smisson III. *The British Journal of Surgery*, 1997; 84(2): 105.

4. MR Spectroscopy of Brain Tumors. J.S. Robinson and K.N. Fountas. *Neurosurgery*, 1997; 41: 763-764.

5. Acute Odontoid Fractures Stabilization with Anterior Screw Fixation. K.N. Fountas, E.Z. Kapsalaki, K.W. Johnston, H.F. Smisson, J.S. Robinson. XXXI World Congress of the International College of Surgeons. Buenos Aires, Argentina, November 1998.

6. Smaller Cervical Spinal Cord is an Explanation for the Absence of Neurological Deficit in Patients with Spinal Cord Trauma. K.N. Fountas, E.Z. Kapsalaki, M. Ajjan, K.W. Johnston, J.S. Robinson. XXXI World Congress of the International College of Surgeons. Buenos Aires, Argentina, November 1998.

7. Brain Temperature Measurements by Thermogram. K.N. Fountas, E.Z. Kapsalaki, J.S. Robinson Jr. *Proceedings of the 11th World Congress of Neurosurgery*.

8. Role of Intraoperative EMG Monitoring in Lumbar Discectomies. K.N. Fountas, E. Kapsalaki, C. Feltes, K. Johnston, H. Smisson, L. Hartman, J.S. Robinson. *Proceedings of the 11th European Congress of Neurosurgery*. Copenhagen, Denmark, September 19-24, 1999; 895-899.

9. Intracranial Temperature: Is it Stable throughout the Brain? K.N. Fountas, E.Z. Kapsalaki, C.H. Feltes, M.M. Ajjan, H.F. Smisson, K.W. Johnston, E.C. Troup, J.S. Robinson. *Proceedings of the 11th European Congress of Neurosurgery*, Copenhagen, Denmark. *Monduzzi Editore International Proceedings Division*, September 19-24, 1999; 901-904.

10. New Non-Invasive Sonographic Technology for Intracranial Volume/Pressure Monitoring. K.N. Fountas, Deltuva V, J.S. Robinson, A. Raguaskas. *Neurosurgery*, 2000; 47: 537.

11. Innovative Non-Invasive Technology for Spinal Canal Compliance Dynamics Monitoring. K.N. Fountas, J.S. Robinson, A. Ragauskas, G. Daubaris, B. Spakauskas. 6th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics/9th Meeting of the Neurosonology Research Group of the World Federation of Neurology. Lisbon, Portugal, May 2001.

Joe Sam Robinson Jr., M.D.

12. Determination of Water Concentration in Brain Tissue by Raman Spectroscopy. JS. Robinson Jr., K.N. Fountas, Hajo A. Bruining, Gerwin J. Puppels, Rolf Wolthuis, M.V. Allen. Analytical Chemistry. 12th World Congress of Neurological Surgery. September 2001, Sydney, Australia.

13. The Role of Proton Single Voxel Magnetic Resonance Spectroscopy in the Pre-Operative Evaluation of Intra-Cranial Tumors. 12-year experience. K.N. Fountas, E.Z. Kapsalaki, JS Robinson, P. Toulas, I. Fezoulidis, S.D. Gotsis. Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore International Proceeding Division, September 2003; 569-580.

14. Comparison of a New Non-Invasive Ultrasonic Technology and Standard Invasive Intracranial Pressure Monitoring in the Evaluation of Cerebrovascular Auto-Regulation in Patients with Severe Closed Head Injury. K.N. Fountas, V.G. Dimopoulos, C.H. Feltes, M. Kassam, R. Davydov, A.A. Grigorian, K.W. Johnston, E.C. Troup, J.S. Robinson, A. Ragauskas. Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore International Proceeding Division, September 2003; 465-476.

15. Retrospective Analysis of Long-Term Surgical Outcome of Elderly Patients Undergoing Spine Surgery. V.G. Dimopoulos, M. Kassam, C.H. Feltes, K.N. Fountas, J.S. Robinson, A.A. Grigorian. Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore International Proceeding Division, September 2003; 807-812.

16. Correlation of Recurrent Laryngeal Nerve (RLN) Intraoperative Electromyographic Monitoring (IEMG) Findings with Postoperative Findings in Patients Undergoing Anterior Cervical Discectomy (ACD&F). V.G. Dimopoulos, C.H. Feltes, K.N. Fountas, M. Kassam, R. Davydov, R. Vogel, K.W. Johnston, H.F. Smisson, A.A. Grigorian, and J.S. Robinson. Proceedings of the 12th European Congress of Neurosurgery Monduzzi Editore International Proceeding Division, September 2003; 899-903.

17. The Use of Non-invasive Trans-cranial Ultrasound Device in Patients Diagnosed with Brain Death. K.N. Fountas, A. Sitkauskas, V.G. Dimopoulos, T. Machinis, C.H. Feltes, A.A. Grigorian, A. Ragauskas, J.S. Robinson. Proceedings of the 13th World Congress of Neurological Surgery. Marrakesh, Morocco, June 2005.

18. Intracranial Pulse Waves Measurement by Using Non-Invasive Method in Patients with Severe Spinal Cord Injury. S. Rocka, A. Sitkauskas, E. Jarzemskas, C. Feltes, K.N. Fountas, V. Dimopoulos, A. Ragauskas, G. Daubaris, J.S. Robinson. Proceedings of the 13th World Congress of Neurological Surgery, Marrakesh, Morocco. Medimond, June 2005, Medimond; 449-454.

19. Kyphoplasty in Acute Osteoporotic Vertebral Body Fractures with Immediate and Early Post Operative Pain Relief despite No Significant Restoration of Vertebral Body Height. C. Feltes, K.N. Fountas, T. Machinis, Joe Sam Robinson Jr., M.D.

20. Clinical efficacy of intraoperative somatosensory and motor evoked potential monitoring during anterior cervical discectomy and fusion (ACDF): A review of 758 cases. I Chung, PhD; D. Abnm; A.A. Grigorian, M.D., PhD.; H.F. Smisson III, M.D.; K.W. Johnston, M.D.; J.S. Robinson Jr., M.D.; Departments of Neurosurgery, Georgia Neurosurgical Institute, Medical Center of Central Georgia

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L. Nikolakakos, V. Dimopoulos, R. Davydov, M. Kassam, K. Johnston, J. Robinson. Proceedings of the 13th World Congress of Neurological Surgery, Marrakesh, Morocco. Medimond, June 2005; 81-86.

20. Computational Modeling and Simulations of Cerebral Hypothermia Using Selective Brain Cooling Mechanism. A Chappell, RS Vines, KN Fountas, T Machinis, JS Robinson Jr, S Hyun. Proceedings of the 2006 Summer Bioengineering Conference. Amelia Island, FL, USA, June 2006.

21. 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. 2007 AANS Annual Meeting, Washington DC, USA, April 2007.

22. The role of serum C-reactive protein as an outcome predictive marker in patients with aneurysmal SAH. Fountas KN, Robinson JS, Grigorian AA, Kourtopoulos H. European Association Neurological Societies, September 2-7, 2007

23. The role of endoscopic third ventriculostomy in the treatment of patients with normal pressure hydrocephalus. Fountas KN, Robinson JS, Smisson HF, Kourtopoulos H Congress of Neurological Surgeons, San Diego, CA September 15-17, 2007

24. Comparative results of fMRI and intraoperative electrophysiologic cortical mapping in sensory-motor and language area localizatiopn in

patients with supra-tentorial tumors. Kapsalakis JZ, Gotsis ED, Toulas PD, Verganelakis D, Ppadimitriou A, Robinson JS, Fezoulidis I, Kapsalaki EZ, Fountas KN. Congress of Neurological Surgeons, San Diego, CA September 15-17, 2007.

25. Electrophysiological Analysis of Deep Brain Stimulation in Parkinson's Disease. D Zhao, L Chung, ED Richter, L Hyer, JS Robinson. Neurophysiology Society to Savannah (submitted).

26. Terson's Hemorrhage in patients suffering Aneurismal Subarachnoid Hemorrhage: Predisposing Factors and Prognostic Significance. PG Theodosiadis, EZ Kapsalaki, GP Lee, TG Machinis, JS Robinson, KN Fountas.

27. Neurosurgical Internist Consultation: A Pre-operative Method for Improving Post-operative Outcome in High-Risk Elective Spine Patients" Mohamed Ajjan, MD; Aaron C.M. Barth; Mohammad S. Walid, MD, PhD; Kimberly F. Mancin, RN, BSN, MED; Vicki L.

Conlon, CMA; Sharon L. Page-Mann; Robert A. Lummus, MSHS; Joseph D. Lavelle, Joe Sam Robinson Jr., M.D.

FACHE; Joe Sam Robinson, Jr, MD, FACS The Medical Center of Central Georgia; Georgia Neurosurgical Institute; Department of Surgery, Mercer University School of Medicine, Macon, GA, USA 2007

28. Influence of Anesthesia on Postoperative Cognitive Decline in Adults Over 50 Who Have Undergone Spinal Surgery. Hyer, Valid, Richter, Brooks, Robinson. AANS April 2008. (pending acceptance).

ORAL PRESENTATIONS

1. **Crawford Long's Dilemma.** Southern Medical Association, Miami, Florida, 1971

2. **VA and VP Shunt Complications.** American Association of Neurosurgical Surgeons, St. Louis, Missouri, 1974

3. **Observations on the Blood Brain Barrier** N.L.H. Seminar, Bethesda, Maryland, 1975

4. **The Influence of Age on the Blood Brain Barrier.** American Association of Neurological Surgeons, San Francisco, California, 1976

5. **New Insights on the Blood Spine Barrier.** Northwestern University Neurosurgical Course, Chicago, Illinois, 1976

6. **The History of Hydrocephalus; Infantile Blood Barrier.** Northwestern University Pediatric Neurosurgical Course, 1977

7. **Analysis of Single Piece and Three Piece VP Shunting Devices.** Central Neurosurgical Society, Chicago, Illinois; 1978

8. **Hypertensive Abridgement of the Blood Spine Barrier.** American College of Surgeons, Chicago, Illinois; 1997

9. **The Glioblastoma Multiforme in Georgia.** Medical Association of Georgia Scientific Assembly; Presented by Roger McLendon, M.D. in Atlanta, Georgia, 1983

10. **Neurosurgical Intervention in Pain Management.** Mercer University School of Medicine Cancer Seminar; 1984

11. **Glioblastomas.** Georgia State Neurosurgical Meeting; 1985
12. **Gliomas.** Georgia State Neurosurgical Meeting; 1986 Joe Sam Robinson Jr., M.D. Page 10
13. **Neurosurgical Intervention in Pain Management.** Mercer University School of Medicine Cancer Management Update Conference; 1986
14. **Head Trauma.** Tift County Hospital Staff Meeting; 1987
15. Symposium on Back Pain, Mercer University School of Medicine; Surgical Intervention. Moderator and Organizer, 1989
16. Georgia State Neurosurgical Meeting; Intraoperative Use of Dexamethasone in Lumbar Discectomies. 1989
17. Colquitt Regional Medical Center Grand Rounds. Lumbar Pain and Surgery. 1989
18. Neurosurgical Aspects of Chronic Pain. Medical Center of Central Georgia, 1989
19. Lecture on Back Pain, Medical Staff of Taylor Medical Center, 1990
20. Georgia Neurosurgical Meeting; Neuropathological Model of Amelioration of Post-Laminectomy Scar Tissue. Co-presenter -John L. Hinton, M.D.; Sea Island, Georgia., 1990
21. Vaughn Medical Center, Selma, Alabama -Grand Rounds; Discussion of Neurosurgical Diagnosis. 1990
22. Assessment and Control of Scar Tissue Formation in Post Laminectomy Rats; Annual Meeting-International College of Surgeons, Brazil, 1990
23. Georgia Neurosurgical Society, Reduction of Opioid Pain Medications Following Lumbar Laminectomy. Co-presenter-John L. Hinton, M.D.; Atlanta, Georgia, 1991
24. Sumter Regional Hospital; Contemporary Neurological Diagnosis. 1991
25. American Association of Neurological Surgeons Annual Meeting Poster Presentation; "Epidural Dexamethasone Irrigation versus Parenteral Dexamethasone as Adjuncts in the Reduction of Opioid Pain Medication after

26. FASEB Poster Presentation, Reduction of Post Laminectomy Scar Formation. Atlanta, Georgia, 1991

27. EANS Meeting Poster Presentation, The Reduction of Opioid Requirements following Lumbar Laminectomy. Moscow, U.S.S.R. 1991

28. Mercer University Annual Science Day; Post Laminectomy Scar Issues. 1991

29. Georgia Neurosurgical Society, Alcohol, Drugs, Head Trauma. Sea Island, GA, 1991 Joe Sam Robinson Jr., M.D.

30. American College of Surgeons, "Increase of Lumbar Nerve Root Mobility and Experimental Protocol"; Chicago, Illinois, 1991

31. Will C. Sealy Surgical Society, Trauma Symposium, "Closed Head Injuries"; Macon, Georgia, 1991

32. Southern Medical Association 85th Annual Scientific Assembly, "Post Laminectomy Scar"; Atlanta, Georgia, 1991

33. Osler Institute, Neurology Neurosurgery Review Course, "Subarachnoid Hemorrhage"; Atlanta, Georgia, 1992

34. "Low Back Pain," Evaluation and Treatment, Georgia Department of Corrections M.D. Workshop, 1992

35. Spring Pediatric Conference, Mercer University School of Medicine, "Pediatric Trauma Overview and Moderator" 1992

36. Middle Georgia Hospital Staff Meeting, "Observations on Medical Care in The People's Republic of China" 1992

37. Georgia Neurosurgical Society, Spring Meeting, "Tertiary Medical Care in The People's Republic of China" 1992

38. Georgia Neurosurgical Society, Spring Meeting, "The Neuropathology of the Post Laminectomy Rat Model" 1992

39. Medical College of Georgia and Mercer University School of Medicine, Third Annual Pain Management in the Primary Care Setting, "Chronic Low Back Pain," Hilton Head, South Carolina, 1992

40. Georgia Public Safety Training Center Workshop, 1993
41. Georgia Neurosurgical Meeting, "Epidural Fibrosis; Not Affected by Autologous Blood in Adult Sprague-Dawley Rats" 1993
42. Georgia Medical Care Foundation, Spring Meeting, Neurosurgical Peer Review
43. Fall Georgia Neurosurgical Meeting, "4th Epidural Fibrosis -Search for a Suitable Animal Model." 1993
44. Baltic Neurosurgery Symposium, Invited Lecturer, Riga, Latvia, 1993
45. Channel 24, Macon, Georgia, Discussion –"Repair of Aneurysm." 1994
46. "Back Pain and Lumbar Spine Conference," Moderator, Calloway Gardens, Georgia, 1994
Joe Sam Robinson Jr., M.D.
47. "Magnetic Resonance Imaging Evaluation of Postoperative Scar in the Lumbar Spine." Georgia Neurosurgical Society, Spring Meeting, Sea Island, Georgia, 1994
48. "Histologic Comparison of Scar Formation in Post-Laminectomy Rats Using Gelfoam Versus Gelfoam and Blood"; Georgia Neurosurgical Society Spring Meeting, Sea Island, GA 1994
49. "Intravertebral Scar Tissue, Its Etiology"; Georgia Neurosurgical Society Spring Meeting, Sea Island, Georgia. 1994
50. Mercer University School of Medicine, Pediatric Grand Rounds, "Pediatric Head Trauma." 1994
51. International College of Surgeons, World Congress, London; "Influence of Gelfoam and Blood on Laminectomy Scar in the Rat and Evaluation of Scar Formation by Magnetic Resonance Imaging and Histopathology by Post-Laminectomy Rats." 1995
52. Mercer University School of Medicine, Family Practice MD's, "Lumbar Disc Syndrome." 1995
53. Workers' Compensation Judges Annual Seminar; "Back Related Medical Problems." St. Simons Island, GA, 1995

54. 10th Annual European Congress of Neurosurgery, "Observation of Anterior Scar Formation Following Lumbar Laminectomy in the Rat." Video Presentation, Berlin, 1995

55. Georgia Neurosurgical Society, "Effect of Nonsteroidal Anti-Inflammatory Drug in Slow Release Vehicle on Scar Formation After Laminectomy in Rats." Sea Island, GA, 1995

56. Medical College of Georgia and Georgia Neurosurgical Society, "Day of Surgery." 1995

57. Will Sealy Surgical Society Trauma, "Control of Intracranial Pressure." 1995

58. Medical Center of Central Georgia, Surgical Grand Rounds, Macon, Georgia., 1995

59. The Medical Center of Central Georgia, November 1995. "Spontaneous Resolution of Acute Subdural Hematoma." W. Sealy Surgical Society symposium, Macon, Georgia.

60. Georgia Neurosurgical Society Meeting, Atlanta, Georgia, November "NMR Spectroscopic Analysis in Preoperative Evaluation of Intracranial Tumors." 1995
Joe Sam Robinson Jr., M.D. Page 13

61. Greek Neurosurgical Society, Annual Meeting, "The Scar Tissue Formation after Laminectomy, An Experimental Model." Volos, Greece., 1995

62. AANS Annual Meeting Poster Session, "Observations on Posterior Scar Tissue Progression Following Lumbar Laminectomy by Histology and Magnetic Resonance Imaging." 1996

63. Georgia Neurosurgical Society, "New Thoughts on the Etiology of Syringomyelia." Sea Island, Georgia. 1996

64. Georgia Neurosurgical Society, "The Role of Needle Size in the Development of Post-Myelogram Complications." 1996

65. Medical Center of Central Georgia, Pediatric Lecture, "Hydrocephalus." 1996

66. Georgia Neurosurgical Society, Sea Island, Georgia, May 24-26, "Cervical Spinal Cord measurements." 1997

67. Georgia Neurosurgical Society, Atlanta, Georgia, "Post-Myelogram Complications, The Role of the Needle Size." 1997
68. AANS Annual Meeting Post Session, Medical Center of Central Georgia, "Cervical Spinal Cord Measurements by Myelogram and Post Myelogram CT Scan." Denver, Colorado, 1997
69. Georgia Neurosurgical Society, Spring Meeting, "Brain Temperature Measurements." Sea Island, Georgia., 1997
70. 7th European Congress of Surgery, Athens, Greece; "Anterior Screw Fixation of Traumatic Odontoid Fracture." KN. Fountas, J.S. Robinson, H.F. Smisson III ., 1997
71. AANS Meeting 12-17, April, Denver, Colorado; "Cervical Spinal Cord Measurements by Myelogram and Post Myelogram CT Scans." J.S. Robinson, K.N. Fountas, E.Z. Kapsalaki, J. Jackson, R. Vogel, A. Coach. Also published in the Journal of Neurosurgery, Vol. 86: 2345, 1997. Also presented at the DAY OF SURGERY at the Medical Center of Central Georgia, May 24, 1997.
72. World Congress of Neurosurgery 11th, Amsterdam, Netherlands; "Brain Temperature Measurements of Thermogram." 1997
73. 12th Meeting of The World Society for Stereotactic and Functional Neurosurgery, Lyon, France; "Results and Complications from the Use of SMN Frameless Stereotaxy Navigator System." 1997
74. 8th Annual Meeting of the European Spine Society, KOS, Greece; "Minimalization of Early Postoperative Lumbar Discectomy Pain by Irrigation & Cooling." 1997
Joe Sam Robinson Jr., M.D.
75. Winter Georgia Neurosurgical Society Meeting, Atlanta, Georgia, "Minimalization of Early Postoperative Lumbar Discectomy Pain by Irrigation & Cooling." 1997
76. 47th Annual Meeting of the Congress of Neurosurgery, New Orleans, Louisiana; "The Role of Proton MR Spectroscopy in Staging Intracranial Neoplasm." 1997
77. Georgia Neurosurgical Society, Fall Meeting, Atlanta, Georgia; "The Role of Proton MR Spectroscopy in Staging Intracranial Neoplasm." 1997

78. CNS Annual Meeting, New Orleans, September 1997. "MR Spectroscopy of Brain Tumors." 1997

79. Medical College of Georgia Neurosurgery Symposium, "Raman Spectroscopy: A New Neurosurgical Diagnostic Tool." 1998

80. 14th Joint Section of AANS/CNS on Spine and Peripheral Nerves, Rancho Mirage, California; "Minimalization of Early Postoperative Pain after Microdiscectomy." 1998

81. Spring GA Neurosurgical Society Meeting, Sea Island, Georgia, "Intraoperative Electromyographic Monitoring During Lumbar Microdiscectomy," K.N. Fountas, KW. Johnston, H.F. Smisson, Joe Sam Robinson Jr., 1998

82. Spring GA Neurosurgical Society Meeting, Sea Island, Georgia; "Smaller Cervical Spine Cord is an Explanation for the Absence of Neurological Deficit in Patients with Spinal Cord Trauma," Joe Sam Robinson, K.N. Fountas, M. Ajjan., 1998

83. 66th AANS Meeting, Philadelphia, PA "Intraoperative Variation of the Cortical Brain Temperature," K.N. Fountas, E.Z. Kapsalaki, J.S. Robinson Jr., 1998

84. "Proton MR Spectroscopy Implicates the Hippocampal Head as the Nidus of Previously Nonlocalized Temporal Lobe Epilepsy," K.N. Fountas, E.Z. Kapsalaki, S.D. Gotsis, J.S. Robinson Jr.; 66th AANS Meeting, Philadelphia, PA, April 1998.

85. "Raman Spectroscopy in Neurosurgery," J.S. Robinson, Jr., K.N. Fountas, Mini-symposium in Vibrational spectroscopy, Potsdam, Germany, October 1998.

86. 48th CNS Meeting, Seattle, WA, October 1998. "Differentiation of Astrocytomas Using Proton MRS."

87. "Acute Odontoid Fractures Stabilization with Anterior Screw Fixation." K.N. Fountas, EL Kapsalaki, K. Johnston, H. Smisson, J.S. Robinson, XXXI World Congress of the International College of Surgeons, November 1998, Buenos Aires, Argentina.

88. Smaller Cervical Spinal Cord is an Explanation for the Absence of Neurological
Joe Sam Robinson Jr., M.D.

Deficits in Patients with Spinal Cord.” K.N. Fountas, E.Z. Kapsalaki, M. Ajjan, K. Johnston, J.S. Robinson, XXXI World Congress of the International College of Surgeons, November 1998, Buenos Aires, Argentina.

89. Brispine 99, Manchester, England, “Intraoperative EMG Monitoring During Lumbar Microdiscectomy,” K.N. Fountas, E.Z. Kapsalaki, H. Smisson, K Johnston, J.S. Robinson, March 1999.

90. 67th AANS meeting, New Orleans, LA. “Intraoperative EMG Monitoring During Lumbar Microdiscectomy.” K.N. Fountas, E. Kapsalaki, C. Feltes, K. Johnston, H. Smisson, L. Hartman, J.S. Robinson. April 1999.

91. 67th AANS meeting, New Orleans, LA. “Comparison of Intracranial with Systemic Temperature.” K.N. Fountas, E.Z. Kapsalaki, K. Johnston, H. Smisson, E. Troup, L. Hartman, M. Ajjan, C. Feltes, J.S. Robinson. April 1999

92. Annual Spring Georgia Neurosurgical Society Meeting, Sea Island, GA. “Intracranial Temperature and Brain Death,” May 1999. C. Feltes, K.N. Fountas, H. Smisson, J.S. Robinson.

93. “Intracranial Temperature: Is it Stable Throughout the Brain?” K.N. Fountas, E. Kapsalaki, C. Feltes, M. Ajjan, H. Smisson, K. Johnston, C. Troup, J.S. Robinson, 11th European congress of Neurosurgery, Copenhagen, Denmark, September 1999.

94. "Flow-Controlled Continuous Lumbar Drainage: Technical Report" KIN Fountas, P. Houle, H. Smisson, J. Vender, C. Troup, JS Robinson, 11th European Congress of Neurosurgery, Copenhagen, Denmark. September 1999

95. "The Role of Intraoperative EMG Monitoring in Lumbar Discectomies," KIN Fountas, E. Kapsalaki, C. Feltes, K. Johnston, H. Smisson, L. Hartman, JS Robinson, 11th European Congress of Neurosurgery, Copenhagen, Denmark, September 19-24, 1999

96. "The Role of Intraoperative EMG Monitoring in Lumbar Discectomies," KN Fountas, E. Kapsalaki, C. Feltes, K. Johnston, H. Smisson, L. Hartman, JS Robinson, 11th European Congress of Neurosurgery, Bologna, Italy, September 1999 (In Press)

97. "The Role of EMG monitoring in Lumbar Surgery," Medical College of Georgia Neuro symposium, 1999

98. Correlation of the Intraventricular Temperature with Brain Death. 49TH CNS Meeting, Boston, October 30-November 4 (oral poster), 1999

99. "Postoperative Electromyographic Findings in Patients with Spinal Procedures," Annual Fall Georgia Neurosurgical Society Meeting, Atlanta, GA. K.N. Fountas, A. deCholnoky, C. Feltes, J.S. Robinson, November 1999

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100. Annual Fall Georgia Neurosurgical Society Meeting, Atlanta, GA. "Correlation of the Amount of Lumbar Disc Removed and Surgical Outcome in 104 Patients," C. Feltes, KN. Fountas, J.S. Robinson., 1999

101. "Cybernetic Loop," Mercer Medical School, Grand Rounds, November 1999

102. "Correlation of the Amount of Lumbar Discs Removed and Surgical Outcome in 104 Patients," CF Feltes, KN Fountas, JS Robinson, Annual Fall Georgia Neurosurgical Society Meeting, November 1999, Atlanta, GA, USA.

103. "Back Pain," Family Practice Medical Center of Central Georgia, Grand Rounds, March, 2000

104. "Plane Tree Planting," Dedication and Blessing, April 2000

105. Testified before the U.S. House of Representatives, "The Budget Committee Healthcare Task Force." 2000
106. "New Noninvasive Sonographic Technology for Intracranial Volume/Pressure Monitoring." 2000
107. "Results and Complications of Anterior Screw Fixation of Type I and II Odontoid Fractures," 1st World Spine Meeting, Berlin, Germany, 2000
108. "The Role of the Amount of Lumbar Disc Removed in Patients Outcomes in LMD," 1ST World Spine Meeting, Berlin, Germany, 2000
109. "The Role of Intraoperative EMG Monitoring in LMD," 1ST World Spine Meeting, Berlin, Germany, 2000
110. "New Noninvasive Sonographic Technology for Intracranial Volume/Pressure Monitoring," 50th Annual meeting, San Antonio, Texas, 2000
111. "Brain Tissue Gas and pH Monitoring in Neurosurgical patients: MCGG Preliminary Experience," Georgia Neurosurgical Society meeting, Atlanta, Georgia, 2000
112. "New Noninvasive Sonographic Technology for Intracranial Volume/Pressure Monitoring," Georgia Neurosurgical Society Meeting, Atlanta, Georgia, 2000
113. "Results and Complications from the Use of a Frameless Stereotactic Navigator System," 14th Annual Meeting of the Greek Neurosurgical Society, Thessalonika, Greece, 2000
114. "Decreased Intracranial Temperature as Early Prognostic Signs of Brain Death.", 2000 Joe Sam Robinson Jr., M.D.
115. "Correlation of the Amount of Disc Removed in a Lumbar Discectomy with Patient Outcome," 68th AANS meeting, San Francisco, California, April 2000.
116. "Decreased Intracranial Temperature as an Early Prognostic Sign of Brain Death," 50th CNS meeting, San Antonio, Texas, September, 2000

117. "Effects of Nerve Root Retraction on EMG," Annual Spring Georgia Neurosurgical Society Meeting, Sea Island, Georgia, 2000
118. "Factors Affecting the Outcome of Cortical Dysplasia Resection for Epilepsy." KN Fountas, MR Lee, JR Smith. 14th annual meeting of the Greek Neurosurgical Society, Thessaloniki, Greece, 2000
119. "The Intraoperative Utility of Bilateral Three Myotome EMG Monitoring with Baseline Recording in Lumbar Microdiscectomy," 17th Joint Section of AANS/CNS on Spine and Peripheral Nerves, Phoenix, Arizona, February 2001.
120. "The Lumbar Disc Syndrome as a Paradigm for Scientific Progress," Meeting for the 50th Anniversary for Lithuanian Neurosurgery, Kaunas, Lithuania, 2001
121. "Sciatica and the Lumbar Disc Syndrome," 2nd Annual History of Medicine Symposium, 2001
122. "Factors Affecting the Outcome of Cortical Dysplasia Resection for Epilepsy." 69th AANS, Toronto, Canada, April 22-26, 2001.
123. "Innovative Non-Invasive Technology for Spinal Canal Compliance Dynamics Monitoring," 6th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, Lisbon, Portugal, May, 2001
124. "Innovative Non-Invasive Technology for Intracranial Hydrodynamic Measurements and Diagnosing," KOS, Greece, May, 2001
125. "H1MRS in Patients with Non-Localized Temporal Lobe Epilepsy," Georgia Neurosurgical Society Meeting, Sea Island, Georgia, 2001
126. "Intracranial Pressure Measurement by Using Non-Invasive Method in Patients with Severe Spinal Cord Injury," Georgia Neurosurgical Society Meeting, Sea Island, GA, 2001
127. "Proton Magnetic Resonance Spectroscopy in Patients with Normalized Temporal Lobe Epilepsy." , 2001

128. "Assessment of Ultrasonic Pulse Waves in Patients with Diagnosed Brain Death.", 2001

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129. "The Role of MgSO₄ Intravenous Administration in the Prevention and Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage," 39th World Congress of Surgery, Brussels, Belgium , 2001

130. "The Evolution of the Lumbar Discectomy Syndrome: A Historic Perspective," 12th World Congress of Neurological Surgery, Sydney, Australia, September 2001

131. "Determination of Water Concentration in Brain Tissue by RAMAN Spectroscopy," 12th World Congress of Neurological Surgery, Sydney, Australia, September 2001

132. "Intra-Cranial Pressure Measurement by Using Non-Invasive Method in Patients with Severe Spinal Cord Injury." KN Fountas, JS Robinson, A Ragauskas, G Daubaris, P Spakauskas. 12th World Congress of Neurological Surgery, September 2001, Sydney, Australia

133. "The Role of MgSO₄ Intravenous Administration in the Prevention and Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage," 12th World Congress of Neurological Surgery, Sydney, Australia, September 2001

134. "Comparison Analysis of Hemodynamic Changes in Patients Undergoing Lumbar Discectomy on Andrews Table and Wilson Frame," Fall Annual Meeting of the Georgia Neurosurgery Society, November, Atlanta, Georgia, 2001

135. "Volume Metric Approach to Noninvasive Physiological Monitoring of Intracranial Dynamics," 2002 European Association of Neurosurgical Societies, Rome, Italy

136. "Intracranial Pulse-Wave Measurement Using a Noninvasive Method in Patients with Vertebral Canal Compromise," 2002 European Association of Neurosurgical Societies, Rome, Italy

137. "Assessment of Intracranial Fluid Dynamics and Ultrasonic Pulse Waves in Adults, Children, and Hydrocephalus, by Using Non-Invasive Ultrasonic Technology," Rome, Italy, 2002

138. "Comparison Analysis of Hemodynamic Changes in Patients Undergoing Lumbar Discectomy on Andrews Table and Wilson Frame," Fall Annual Meeting of the Georgia Neurosurgery Society, November, Atlanta, Georgia, 2002
139. "Intracranial Pulse Wave Measurements Using a Non-Invasive Method in Patients with Vertebral Canal Compromise," Savannah, Georgia, 2002
140. "Noninvasive Assessment of Shunt Function in Hydrocephalic Patients Using an Ultrasoundic Time-of-Flight Method and Pulse Waveform Analysis," April 6-11, 2002, Chicago, Illinois
Joe Sam Robinson Jr., M.D.
141. "EMG Intraoperative Monitoring and Pain Medication after Lumbar Microdiscectomy, Is Nerve Root Irritation the Main Cause of Postoperative Pain?" April 6-11, 2002, Chicago, Illinois
142. "Effect of Nerve Root Retraction in Lumbar Discectomy." AANS, April 6-11, 2002, Chicago, Illinois (poster)
143. "Paraguayan Congress of Internal Medicine: 2nd International Symposium of Neurology," May 1-4, 2002, Paraguay
144. "Noninvasive Assessment of Shunt Function in Hydrocephalic Patients Using an Ultrasoundic Time-of-Flight Method and Pulse Waveform Analysis," May 24-26, 2002, Sea Island, Georgia
145. "Continuous Intraoperative Electromyographic Monitoring of Recurrent Laryngeal Nerve During Anterior Cervical Discectomy and Fusion," May 24-26, 2002, Sea Island, Georgia
146. "Cervical Meningocele in Association with Spinal Abnormalities Case Report and Review of the Literature," May 23-25, 2003, Georgia Neurosurgical Society, Sea Island, Georgia
147. "Surgical Treatment of Epilepsy," J.S., Robinson Jr., M.D., K.N. Fountas, M.D., C.H. Feltes, M.D., J.R. Smith, National Neurosurgical Meeting of Paraguay, September 2003, Asuncion, Paraguay
148. "C1-2 Surgical Stabilization Techniques," J.S. Robinson Jr., M.D., KN. Fountas, M.D., C.H. Feltes, M.D., A.A. Grigorian, M.D., K.W. Johnston, M.D., H.F. Smisson

III, M.D., E.C. Troup, M.D., National Neurosurgical Meeting of Paraguay, September 2003, Asuncion, Paraguay

149. "The Role of Proton Single Voxel Magnetic Resonance Spectroscopy in the Preoperative Evaluation of Intracranial Tumors, 12-year experience," J.S. Robinson Jr., M.D., K.N. Fountas, M.D., E. Kapsalaki, M.D., P. Toulas, I. Fezoulidis, S.D. Gotsis, 12th European Congress of Neurosurgery, September 2003, Lisbon, Portugal

150. "Comparison of a New Non-Invasive Ultrasonic Technology and Standard Invasive Intra-Cranial Pressure Monitoring in the Evaluation of Cerebrovascular Autoregulation in Patients with Severe Closed Head Injury," K.N. Fountas, M.D., V.G. Dimopoulos, M.D., C.H. Feltes, M.D., M. Kassam, M.D., R. Davydov, M.D., A.A. Grigorian, M.D., K.W. Johnston, M.D., H.F. Smisson III, M.D., E.C. Troup, M.D., J.S. Robinson, Jr., M.D. 12th European Congress of Neurosurgery, September, 2003, Lisbon, Portugal

151. "Spinal Surgery Outcome in Elderly Patients," V.G. Dimopoulos, M.D., C.H. Feltes, M.D., M. Kassam, M.D., R. Davydov, M.D., K.N. Fountas, M.D., A.A. Grigorian,

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M.D., J.S. Robinson, Jr., M.D., A Ragauskas, M.D. 12th European Congress of Neurosurgery, September, 2003, Lisbon, Portugal

152. "Transcranial Ultrasonography in Evaluation of Hydrocephalus," J.S. Robinson Jr., M.D., K.N. Fountas, M.D., V.G. Dimopoulos, M.D., C.H. Feltes, M.D., R. Kvascevicuis, R. Davydov, M.D., A.A. Grigorian, M.D., A. Ragauskas, M.D., 12th European Congress of Neurosurgery, September 2003, Lisbon, Portugal

153. "Correlation of Postoperative Outcome with Severity of Third Nerve Paresis in Patients with Non-Ruptured Posterior Communicating Artery Aneurysms," J.S. Robinson Jr., M.D., V.G. Dimopoulos, CH Feltes, KN Fountas, I Karampelas, M Kassam, R Davydov, A Grigorian. Annual Fall Meeting of the Georgia Neurosurgical Society, November 2003, Atlanta, GA. USA

154. "Is the Intravenous Administration of Magnesium Sulfate Preventing the Development of Vasospasm?" J.S. Robinson Jr., M.D. KN Fountas, E.Z. Kapsalaki, P Chandler, CH Feltes, M. Castresana. Joint Annual Meeting of AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology February 2004, San Diego, CA, USA

155. "Results of Long-Term Follow-up in Patients Undergoing Anterior Screw Fixation for Type II and III Odontoid Fractures," J.S. Robinson Jr., M.D., KN Fountas, V.G. Dimopoulos, CH Feltes, E.Z Kapsalaki, AA Grigorian, HF Smisson, KW Johnston. 20th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 2004 San Diego, CA, USA

156. "Early Clearance of Blood in Subarachnoid Space in a Patient with Aneurysmal Subarachnoid Hemorrhage (SAH)," J.S. Robinson Jr., M.D., V.G. Dimopoulos, MA Kassam, C Feltes, I Karampelas, KN Fountas. Annual Spring Meeting of the Georgia Neurosurgical Society. May 2004, Sea Island, GA

157. "Results of Kyphoplasty in Patients with Osteoporotic Compressive Vertebral Column Fractures," J.S. Robinson Jr., M.D., LG Nikolakakos, KN Fountas, E.Z Kapsalaki, V.G. Dimopoulos, I Karampelas, P Soukakos. 60th Hellenic Orthopedic Conference, Athens, Greece, 2004

158. "Treatment of Patients with Type II Odontoid Fractures by Utilizing Anterior Screw Fixation." L.G. Nikolakakos, K.N. Fountas, EZ. Kapsalaki, I. Karampelas, V.G. Dimopoulos, J.S. Robinson, P. Soukakos. 60th Hellenic Orthopedic Conference, Athens, Greece , 2004

159. "Multi-Institutional Prospective Phase II Clinical Study Utilizing Focal Radiation in Patients with 1-3 Brain Metastases." K.N. Fountas, E.Z. Kapsalaki, H.F. Smisson, K.W. Johnston, D. Cole, J.S. Robinson, A. Sills. EANS Winter Meeting, Prague.

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160. "The Role of Microdialysis in Neuro-Intensive Care Monitoring," KN Fountas, T.G. Machinis, JS Robinson. GNS Annual Meeting, Sea Island, GA, May 2005.

161. "Recurrent Laryngeal Nerve Injury in Anterior Cervical Spine Interventions: Quantitative Evaluation." V.G. Dimopoulos, LG Nikolakakos, KN Fountas, PG Mouhtouri, IZ Kapsalakis, C Kyriakopoulos, JS Robinson, PN Soucacos. 7th EFORT Meeting, Lisbon, Portugal, June 2005.

162. Anterior Screw Stabilization for Surgical Management of Type II Odontoid Fractures." L.G. Nikolakakos, K.N. Fountas, V.G. Dimopoulos, G.D. Chloros, I. Karampelas, C.H. Feltes, E.Z. Kapsalaki, J.S. Robinson, P.N. Soucacos. 7th EFORT Meeting, Lisbon, Portugal, June 2005.

163. Definitive Diagnosis of Cerebral Abscesses Versus Malignant Brain Tumors by Proton Magnetic Resonance." K.N. Fountas, E.D. Gotsis, E.Z. Kapsalaki, H.F.

Smisson, I.Z. Kapsalakis, I.M. Fezoulidis, T.G. Machinis, J.S. Robinson. 13th World Congress of Neurological Surgery. Marrakesh, Morocco, June 2005.

164. The Role of Magnesium Sulfate in the Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage." T.G. Machinis, K.N. Fountas, E.Z. Kapsalaki, J.S. Robinson. Selected among one of the six top presentations. 57th Annual Congress of the Scandinavian Neurosurgical Society, Oslo, Norway, June 2005.

165. Management of Subarachnoid Hemorrhage." J.S. Robinson. 1st Paraguayan Congress of Neurosurgery, Paraguay, October 2005.

166. Seminar: "Management of Severe Traumatic Brain Injury." J.S. Robinson, C.H. Feltes. 1st Paraguayan Congress of Neurology, Paraguay, October 2005.

167. "Neurosurgery in the 21st Century." J.S. Robinson. 75th Anniversary of Eurovan State Medical University Symposium, Armenia, October 2005.

168. "World Neurosurgery in Transition." J.S. Robinson. 75th Anniversary of Eurovan State Medical University Symposium, Armenia, October 2005.

169. "The Description of Skull Shape and the Correlation With the Suture Configuration as Described by Vesalius," V.G. Dimopoulos, K.N. Fountas, T.G. Machinis, J.S. Robinson, Jr. Fall Georgia Neurosurgical Society Annual Meeting, Atlanta, GA, November 2005.

170. "Absence of Economic Analysis in Neurosurgical Outcome Assessment," J.S. Robinson III, C. Sevin, K.N. Fountas, C.H. Feltes, J.S. Robinson Jr. Fall Georgia Neurosurgical Society Annual Meeting, Atlanta, GA, November 2005.

171. "Active Protein as a Predictive Outcome Marker in Aneurysmal Subarachnoid Hemorrhage" KN Fountas, TG Machinis, M Kassam, V Dimopoulos, C Feltes, AA Joe Sam Robinson Jr., M.D.

Grigorian, JS Robinson. 2006 AANS/CNS Cerebrovascular Section & ASITN Annual Meeting, Orlando, FL, February 2006.

172. "Complications of Anterior Cervical Discectomy and Fusion; Lessons That Can Be Learned." KN Fountas, TG Machinis, EZ Kapsalaki, CH Feltes, HF Smisson, JS Robinson. EANS Winter Meeting, Luxembourg, February 2006.

173. "The Role of Micro-Doppler Ultrasound in Aneurysm Clipping Intraoperatively" E Kapsalaki, KN Fountas, I Fezoulidis, P Toulas, JS Robinson. Annual European Congress of Radiology, Vienna, Austria, March 2006.

174. "Computational Modeling and Simulations of Cerebral Hypothermia Using Selective Brain Cooling Mechanism" A Chappell, RS Vines, KN Fountas, T Machinis, JS Robinson Jr, S Hyun. Proceedings of the 2006 Summer Bioengineering Conference, Amelia Island, FL, June 2006.

175. "Pain Outcome in Patients Undergoing Kyphoplasty for Osteoporotic Vertebral Compression Fractures" LG Nikolakakos, VG Dimopoulos, TG Machinis, JS Robinson III, CH Feltes, KN Fountas, KW Johnston, JS Robinson Jr. 68th Annual International College of Surgeons Meeting, Nashville, TN, June 2006.

176. "The Description of Skull Shape and the Correlation with the Suture Configuration as Described by Vesalius" VG Dimopoulos, KN Fountas, TG Machinis, JS Robinson. 68th Annual International College of Surgeons Meeting, Nashville, TN, June 2006.

177. "C-Reactive Protein Might Predict Outcome in Aneurysm Subarachnoid Hemorrhage" KN Fountas, JS Robinson III, M Kassam, C Sevin, JS Robinson Jr. The 9th International Conference on Cerebral Vasospasm, Istanbul, Turkey, June 2006.

178. "Anterior Cervical Discectomy and Fusion Associated Complications; Lessons That Can Be Learned." KN Fountas, EZ Kapsalaki, LG Nikolakakos, TG Machinis, JS Robinson III, VG Dimopoulos, HF Smisson, JS Robins Jr. NASS 21st Annual Meeting, Seattle, WA, August 2006.

179. "The Role of Trauma in Homeland Security and Disaster Preparedness" JS Robinson Jr., CH Feltes. Mercer University School of Medicine, Macon, GA, USA, September 11, 2006.

180. "Trauma Manpower" JS Robinson Jr. Trauma Manpower Conference, Savannah, GA, USA, September 25, 2006.

181. "Opening Remarks" JS Robinson Jr. 3rd Annual Traumatic Brain Injury Symposium, Macon, GA, USA, October 17, 2006.

182. "Incidence of Lamotrigine-Related Non-Severe and Severe Rash in the Adult Population: A Review" A Escurra de Feltes, D Zhao, J Allen, JS Robinson Jr. XXV Joe Sam Robinson Jr., M.D.

Congreso Centroamericano y del Caribe de Dermatologia, San Pedro Sula, Honduras, November 11-15, 2006.

183. "Upper Trunk Cutaneous Stigmata of Occult Cervical Dysraphism: A Dermatologic Perspective and Case Presentation" A Escurra de Feltes, D Zhao, J Allen, JS Robinson Jr. XXV Congreso Centroamericano y del Caribe de Dermatologia, San Pedro Sula, Honduras, November 11-15, 2006.

184. Why Invest Taxpayer Money in a "Georgia Trauma System"?" JS Robinson Jr., 2007 MedCen Community Health Foundation's Seminar for Business and Community Leaders, Macon, GA, February 20, 2007.

185. "Economic Analysis of Allograft vs. Autograft Usage for 1- and 2-Level ACD&F with Plate Fixation for Patients Requiring Inpatient Surgery" ACM Barth, LG Nikolakakos, MA Kassam, MS Walid, CH Feltes, KN Fountas, AA Grigorian, KW Johnston, EO Richter, JS Robinson Jr. 2007 AANS Annual Meeting, Washington, DC, USA, April 14-19, 2007.

186. "Physician-Hospital Co-operation to Alleviate Health-Care Costs." ACM Barth, KF Mancin, RA Lummus, JD Lavelle, M Ajjan, JS Robinson, Jr. 2007 IMD-IHF Dubai International Medical Care & Diagnostic Conference, Dubai, UAE, April 22-24, 2007.

187. "Methods for Improving Outcome in High-Risk Surgery Patients." M Ajjan, KF Mancin, VL Conlon, ACM Barth, SL Page-Mann, RA Lummus, JD Lavelle, JS Robinson, Jr. 2007 IMD-IHF Dubai International Medical Care & Diagnostic Conference, Dubai, UAE, April 22-24, 2007.

188. "Physician Roles In Cost Savings: Barriers & Opportunities." JS Robinson, Jr., ACM Barth, M Ajjan. 2007 IMD-IHF Dubai International Medical Care & Diagnostic Conference, Dubai, UAE, April 22-24, 2007.

189. "Economic Analysis of Allograft vs. Autograft Usage for 1- and 2-Level ACD&F with Plate Fixation for Patients Requiring Inpatient Surgery." ACM Barth, LG Nikolakakos, MA Kassam, MS Walid, CH Feltes, RA Lummus, KN Fountas, AA Grigorian, KW Johnston, EO Richter, JS Robinson, Jr. 2007 AANS Annual Meeting, Washington , DC , USA , April 14-19, 2007.

190. "Mammography and breast surgery may damage ventriculoperitoneal shunts: case report." Valid, S., Ajjan, M., Robinson, J. Internet Journal of Surgery. May 2007.

191. "Surgical Intervention for the TBI Patient." J.S. Robinson Jr., J. Yelverton. TBI Symposium, Trice Auditorium, October 17, 2007.

192. "Penetrating Carotid Artery Injury: A Multidisciplinary Approach to Trauma." J.S. Robinson Jr., J. Yelverton. TBI Symposium, Trice Auditorium, October 17, 2007. Joe Sam Robinson Jr., M.D.

193. **Isolated pontine neurosarcoidosis mimicking glioma.** MS Walid, JS Robinson, AA Grigorian, & M Ajjan. Georgia Neurosurgical Society, Atlanta, GA November 17, 2007.

POSTERS:

1. Cervical Spinal Cord Measurements by Myelogram and Post-Myelogram CT Scans. K.N. Fountas, E. Kapsalaki, J. Jackson, R. Vogel, A. Coach, J.S. Robinson Jr. AANS Meeting April 1997, Denver, CO, USA. Also published in the Journal of Neurosurgery, Vol. 86:2,345, 1997. Also presented at the DAY OF SURGERY at the Medical Center of Central Georgia, May 1997, Macon, GA, USA.

2. Brain Temperature Measurements by Thermogram. K.N. Fountas, J.S. Robinson Jr., 11th World Congress of Neurosurgery, July 1997, Amsterdam, Netherlands.

3. Results and Complications from the Use of Ana SMN Frameless Stereotaxy Navigator System. K.N. Fountas, H.F. Smisson III, L.P. Hartman, K.W. Johnston, J.S. Robinson Jr., 12th Meeting of the World Society for Stereotactic and Functional Neurosurgery, July 1997, Lyon, France.

4. Minimalization of Early Post Operative Lumbar Discectomy Pain by Irrigation and Cooling. K.N. Fountas, E.Z. Fountas, H.F. Smisson III, K.W. Johnston, J.Z. Kapsalakis, J.S. Robinson Jr., 8th Annual Meeting of the European Spine Society, September 1997, Kos, Greece.

5. Minimalization of Early Post Operative Lumbar Discectomy Pain by Irrigation and Cooling. KN. Fountas, E.Z. Fountas, H.F. Smisson III, K.W. Johnston, R.Vogel, J.Z. Kapsalakis, J.S. Robinson Jr. Joint section of AANS/CNS on Spine and Peripheral Nerves, February 1998, Rancho Mirage, CA, USA.

6. Intraoperative Variation of the Cortical Brain Temperature. K.N. Fountas, E.Z. Kapsalaki, J.S. Robinson Jr., 66th AANS Meeting, April 1998, Philadelphia, PA, USA.

7. Proton MR Spectroscopy Implicates the Hippocampal Head as the Nidus of Previously Nonlocalized Temporal Lobe Epilepsy. K.N. Fountas, E.Z. Kapsalaki, S.D. Gotsis, J.S. Robinson Jr., 66th AANS Meeting, April 1998, Philadelphia, PA, USA.

8. Differentiation of Astrocytomas Using Proton. MRS. K.N. Fountas, E.Z. Kapsalaki, S.D. Gotsis, R. Vogel, J.S. Robinson Jr., 48th CNS Meeting, October 1998, Seattle, WA, USA (oral poster).

9. Acute Odontoid Fractures Stabilization with Anterior Screw Fixation. KN. Fountas, E.Z. Kapsalaki, Kim Johnston, Hugh Smisson, Joe Sam Robinson, XXXI
Joe Sam Robinson Jr., M.D.

World Congress of the International College of Surgeons, November 1998, Buenos Aires, Argentina.

10. Intraoperative EMG Monitoring During Lumbar Microdiscectomy. K.N. Fountas, E. Kapsalaki, M. Ajjan, K.W. Johnston, H.F. Smisson, L.P. Hartman, J.S. Robinson, Britspine 99, March 1999, Manchester, England, United Kingdom.

11. Intraoperative EMG Monitoring During Lumbar Microdiscectomy. K.N. Fountas, C.H. Feltes, E. Kapsalaki, K.W. Johnston, H.F. Smisson, L.P. Hartman, J.S. Robinson, 67th AANS meeting, April 1999, New Orleans, LA, USA.

12. Comparison of Intracranial with Systemic Temperature. K.N. Fountas, H.F. Smisson, K.W. Johnston, E.C. Troup, L.P. Hartman, E. Kapsalaki, M. Ajjan, C.H. Feltes, J.S. Robinson, 67th AANS meeting, April 1999, New Orleans, LA, USA.

13. Correlation of the Intraventricular Temperature with Brain Death. K.N. Fountas, C. H. Feltes, E.Z. Kapsalaki, H.F. Smisson, K.W. Johnston, E.C. Troup, J.S. Robinson, 49th CNS Meeting, November, 1999, Boston, MA, USA (oral poster).

14. Correlation of the Amount of Disc Removed in a Lumbar Discectomy with Patient Outcome. K.N. Fountas, E.Z. Kapsalaki, C.H. Feltes, H.F. Smisson, K.W. Johnston, L.P. Hartman, J.S. Robinson: 68th AANS meeting, April 2000, San Francisco, CA, USA.

15. Decreased Intra-Cranial Temperature as an Early Prognostic Sign of Brain Death. K.N. Fountas, E.Z. Kapsalaki, C.H. Feltes, H.F. Smisson, K.W. Johnston, J.S. Robinson Jr. 50th CNS meeting, September 2000, San Antonio, TX, USA (oral poster).

16. The Intra-Operative Utility of Bilateral Three Myotome Electro-Myographic Monitoring with Baseline Activity Recording in Lumbar Microdiscectomy. A.D..Cholnoky, B. Fuhrmann, L.P. Hartman, L.H. Faircloth, D. Melone, H.F. Smisson, K.N. Fountas, K.W. Johnston, C.H. Feltes, J.S. Robinson. Jr. 17th Joint section of AANS/CNS on Spine and Peripheral Nerves, February 2001, Phoenix, AZ, USA.

17. Innovative Non-Invasive Technology for Spinal Canal Compliance Dynamics Monitoring. K.N. Fountas, J.S. Robinson Jr., A. Ragauskas, G. Daubaris, B. Spakauskas 6th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics, May 2001, Lisbon, Portugal.

18. Innovative Noninvasive Technologies for Intracranial Hydrodynamic Measurements and Diagnosing. K.N. Fountas, J.S. Robinson Jr., A. Ragauskas, G. Daubaris. International Hydrocephalus workshop, May 2001, Kos, Greece.

19. Assessment of Intracranial Fluid Dynamics and Ultrasonic Pulse Waves in Adults, Children and Hydrocephalic Patients by Using Non-Invasive Ultrasonic Technology. A. Sitkauskas, S. Rocka, R. Kvascevicus, C.H. Feltes, K.N.

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Fountas, V.G. Dimopoulos, R. Davydov, A. Ragauskas, G. Daubaris, J.S. Robinson, Jr. EANS Winter meeting, February 2002, Rome, Italy.

20. Comparison Analysis of Hemodynamic Changes in Patients Undergoing Lumbar Discectomy on Andrews and Wilson Frames. A.A. Grigorian, V.G. Dimopoulos, C.H. Feltes, K.N. Fountas, R. Davydov, J.S. Robinson. 18th Joint section of AANS/CNS on Spine and Peripheral Nerves, March 2002, Orlando, FL, USA.

21. EMG Intraoperative Monitoring and Pain Medication after Lumbar Microdiscectomy. Is Nerve Root Irritation the Main Cause of Postoperative Pain? V. Dimopoulos, C. Feltes, K.N. Fountas, R. Davydov, R. Vogel, J.S. Robinson. AANS Meeting, April 2002, Chicago, IL, USA.

22. The Effects of Nerve Root Retraction on Patient Outcome in Lumbar Discectomies. C.H. Feltes, K.N. Fountas, R. Davydov, V.G. Dimopoulos, J.S. Robinson, Jr. 70th AANS meeting, April 2002, Chicago, IL, USA.

23. Intravenous Administration of MgSO₄ for the Prevention and Treatment of Vasospasm in Patients with Spontaneous Subarachnoid Hemorrhage. K.N. Fountas, E.Z. Kapsalaki, P. Chandler, C.H. Feltes, A. Grigorian, J.S. Robinson, M. Castresana. 71st AANS annual meeting, April 2003, San Diego, CA, USA.

24. Ultrasound Non-Invasive Cerebrovascular Auto-Regulation Monitoring Technique Compared with Standard Invasive Technique in Patients with Severe Closed Head Injury. A. Ragauskas, V.G. Dimopoulos, C.H. Feltes, K.N. Fountas, R. Davydov, A. Grigorian, H.F. Smisson, K.W. Johnston, E.C. Troup, J.S. Robinson. 71st AANS annual meeting, April 2003, San Diego, CA, USA.

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67. 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. 2007 AANS Annual Meeting, April 14-19, 2007, Washington, DC, USA.

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VCR TAPES:

“Increased Intracranial Pressure” -1989
“Subarachnoid Hemorrhage” -1992

MANUSCRIPT REVIEWS:

1980- 1981 Manuscript Reviewer, Journal of Neurosurgery 1983- 1984 Manuscript Reviewer, Journal of Chronic Diseases 2002 Associate Editor, Current Surgery

ADVISOR:

1995 Mercer University School of Engineering Sr. Design Project 1997 Mercer University School of Engineering Sr. Design Project

INSTITUTIONAL STUDIES:

RTOG study
National Registry of Gliadel for gliomas Brown University study for Gliadel and newly discovered glioblastomas University of Tennessee Gliadel study for two or more supertentorial metastatic lesions

IRB STUDIES:

Vittamed
3% saline versus Mannitol for head injuries and spontaneous intracerebral hemorrhages
Effective Magnesium for spontaneous subarachnoid hemorrhage Use of pupillometer in children Monitoring of function in anterior discectomies and fusions Use of the Vittamed for measuring increased intracranial pressure Joe Sam Robinson Jr., M.D.

PATENTS:

“Removal Surgical Staple” -patent #5,584,000,586; LM. Jameel, J.S. Robinson.

“Laparoscopic Suturing Instrument” -patent # 5,713,908; LM. Jameel, J.S. Robinson

PATENTS PENDING:

“Endoscopic Surgical Needle”; I.M. Jameel, J.S. Robinson

“Ischemic Tissue Monitor and Accompanying Medical Procedures”; M. Wach, J.S. Robinson
“Intraoperative Tissue Monitor”, J.S. Robinson