

Dr. Lali Sekhon

MD, PhD, FRACS, FACS, FAANS

Curriculum Vitae



SIERRA
NEUROSURGERY
GROUP

CONTACT DETAILS

lsekhon@sierraneurosurgery.com

Tel: 775-323-2080

Fax: 775-657-9881

Sierra Neurosurgery Group

5590 Kietzke Lane · Reno NV 89511

TABLE OF CONTENTS

1. EDUCATION	3
(I) UNDERGRADUATE ACADEMIC RECORD.....	3
(II) MEDICAL STUDENT ELECTIVES	3
(III) POSTGRADUATE ACADEMIC RECORD	3
(IV) NEUROSURGERY RESIDENCY.....	3
(V) NEUROSURGICAL FELLOWSHIP 1998-1999	3
(VI) NEUROSURGICAL FELLOWSHIP 1999- 2000	4
2. PREVIOUS APPOINTMENTS.....	4
3. CURRENT APPOINTMENTS	4
4. MEDICAL LICENSURE.....	4
5. QUALIFICATIONS	5
6. HONOURS/AWARDS	5
(I) UNDERGRADUATE.....	5
(II) POSTGRADUATE.....	5
(III) POSTDOCTORAL.....	6
(IV) POSTRESIDENCY.....	6
7. PROFESSIONAL AND SOCIETAL MEMBERSHIPS	7
8. HOSPITAL APPOINTMENTS.....	8
9. RESEARCH, EDUCATIONAL AND TEACHING ACTIVITIES	8
(I) TEACHING/RESEARCH/ADMIN ACTIVITIES	8
(II) NEUROSURGICAL COURSES ATTENDED	9
(III) PRESENTATIONS AT MEETINGS.....	13
(IV) INVITED PRESENTATIONS	17
(V) OTHER INVITED ACTIVITIES (COURSES/WORKSHOPS).....	22
(VI) PEER REVIEW	25
(VII) COMMITTEES	26
10. BIBLIOGRAPHY	27
(I) PEER-REVIEWED, ORIGINAL ARTICLES	27
(II) BOOK CHAPTERS.....	34
(III) ABSTRACTS	35
(IV) EDITORIALS AND REVIEWS	40
(V) INDUSTRY.....	40
(VI) REFERENCES.....	41

I. EDUCATION

(I) UNDERGRADUATE ACADEMIC RECORD

- 1984-1988: The University of Sydney, Sydney, Australia
- February, 1989: Graduated with Honours Class 1 (Bachelor of Medicine, Bachelor of Surgery)

(II) MEDICAL STUDENT ELECTIVES

- 1987: Three-month clinical subinternship in neurology and neurosurgery at Yale-New Haven Hospital, Connecticut, U.S.A.
- 1988: Three month clinical rotation at the Royal Alexandra Hospital for Children, Sydney, Australia, in paediatric neurosurgery

(III) POSTGRADUATE ACADEMIC RECORD

- 1991-1993: Undertook full time research enrolled in a Doctor of Philosophy with the Department of Surgery, The University of Sydney, Australia. Topic: *“The effects of chronic cerebral hypoperfusion associated with arteriovenous malformations”*
- December, 1994: Ph.D. conferred

(IV) NEUROSURGERY RESIDENCY

- January 1989- July 1998: Internship and neurosurgery residency, Sydney, AUSTRALIA (citywide training scheme)

(V) NEUROSURGICAL FELLOWSHIP 1998-1999

- **GENERAL NEUROSURGERY FELLOW:** July 1998- September 1999: Mayo Clinic, Rochester, Minnesota, U.S.A.

(VI) NEUROSURGICAL FELLOWSHIP 1999- 2000

- **COMBINED ORTHOPAEDIC/NEUROSURGICAL SPINAL FELLOW:**
October 1999- July 2000: Toronto Western Hospital, Toronto, Ontario, Canada

2. PREVIOUS APPOINTMENTS

- 7/2000-10/2005: Associate Professor, Neurosurgery, Royal North Shore Hospital and the University of Sydney, Sydney, Australia
- 10/2005-2/2010: Partner at SpineNevada, Reno, Nevada
- 2/2010- 1/2013: Founder and President, Nevada Neurosurgery
- 1/2013- Current, Sierra Neurosurgery Group, Reno, Nevada

3. CURRENT APPOINTMENTS

- Partner with Sierra Neurosurgery Group, Reno, Nevada
- Adjunct Associate Professor, Department of Physiology & Cell Biology, University of Nevada School of Medicine, Reno
- Clinical Instructor, Department of Surgery, University of Nevada, Reno
- President, ThinkFirst of Northern Nevada
- Treasurer, Kinetic Spine Technologies
- Neurosurgery Head, Spine Program, Renown Regional Medical Center
- Secretary Orthopedic and Neurosurgery Co-Management Committee Northern Nevada Medical Center, Founding Partner, 2013- current
- Medical Executive Committee, Northern Nevada Medical Center, 2015-current

4. MEDICAL LICENSURE

- | | |
|--------------------------------------------|------|
| ▪ Nevada State Medical Board (11378) | 2005 |
| ▪ California State Medical Board (A-91029) | 2005 |

5. QUALIFICATIONS

- M.D. (Honours Class I) 1989
- F.R.A.C.S. 1999
- Ph.D. 1994
- U.S.M.L.E Part 1-3 2001/2
- American Board of Disability Analysts 2004
- F.A.C.S 2007
- F.A.A.N.S. 2010

6. HONOURS/AWARDS

(I) UNDERGRADUATE

- 1988: **Dun Prize for Surgery and Clinical Surgery**
- 1989: **Sydney B. Clipsham Prize for Operative Surgery**

(II) POSTGRADUATE

- 1991: **Cecil and Beryle Whitmont Research Fellowship**
- 1991: **National Health & Medical Research Council Postgraduate Research Scholarship**
- 1991: **Royal Australian College of Surgeons Foundation Research Grant**
- 1991: **Cockburn Foundation Research Scholarship**
- 1991: **John Brook Moore Scholarship in Surgery**
- 1993: **National Health & Medical Research Council Postgraduate Research Scholarship**

(III) POSTDOCTORAL

- 1995: **Peter Leech Prize**
- 1996: **1996 Douglas Bills Memorial Prize**
- 1997: **1997 Douglas Bills Memorial Prize**
- 1997: **Thomas & Mary Ethel Ewing Traveling Fellowship**
- 1997: **Young Neurosurgeons Award** by the World Federation of Neurosurgeons
- 1998: **FRACS Examination Part 2:** first overall ranking in all subspecialties including neurosurgery in the Fellowship of the Royal Australasian College of Surgeons (F.R.A.C.S.) Part 2 examinations

(IV) POSTRESIDENCY

- 1998: **Thomas & Mary Ethel Ewing Traveling Fellowship**
- 1998: **Sofamor Danek International Scholarship**
- 1999: **Sofamor Danek International Scholarship**
- 2000: **2000 Outstanding Clinical Research Award**, at the 28th Annual Meeting of the Cervical Spine Research Society, November 30th-December 3rd, 2000, Charleston, North Carolina, U.S.A., for the paper entitled *“Molecular mechanisms of cell death in human cervical spondylotic myelopathy: evidence for apoptosis, death receptor expression and Caspase 3 activation.”*
- **AMA Physician's Recognition Award with Commendation, 2006, 2009**
- **2007: Inducted as a Fellow of the American College of Surgeons**
- **'Patients' Choice' Award by MDx Medical Inc., 2009-2013**
- **Best Doctors in America Award, 2009,2010,2011**
- **Top Doctors in America, 2012, 2013,2014,2015**
- **2012: Newsweek's 15 Leaders in Neurosurgery**
- **2012 Best of Reno Awards in the Orthopedics Physicians category**
- 2012: Lali Sekhon listed in "Becker's 60 Spine Inventors to Know": <http://tinyurl.com/d3rcc6s>
- **Most Compassionate Doctor Award, 2011, 2012**
- **2013: ThinkFirst Sponsoring Physician of the Year**
- **2013: HealthTap's Top Neurosurgeon in Nevada Award**
- **2013: Nevada Medical Marvels list from NevadaBusiness Magazine**
- **2015: ThinkFirst of Northern Nevada Helmet Hero 2015**

7. PROFESSIONAL AND SOCIETAL MEMBERSHIPS

- American College of Surgeons
- The University of Sydney Medical Society
- The North American University of Sydney Society
- The Neurosurgical Society of Australasia
- The North American Spine Society
- Congress of Neurological Surgeons
- Joint Section AANS / CNS Spine & Peripheral Nerve
- Joint Section AANS / CNS Trauma and Critical Care
- The Mayo Alumni Society
- The University of Toronto Alumni Program
- Royal Australasian College of Surgeons
- Spine Trauma Study Group
- American Board of Disability Analysts
- Federation of International College of Surgeons
- American Medical Association
- Washoe County Medical Society
- Douglas County Medical Society
- Nevada State Medical Association
- AO North America
- The Cervical Spine Research Society
- American Association of Neurological Surgeons
- SpineNET Trauma Study Group under AOSpine NA
- American Association of Neurological Surgeons
- ThinkFirst of Northern Nevada

- The Association for Collaborative Spine Research (ACSR)
- Academy of Surgical Educators (ASE)

8. HOSPITAL APPOINTMENTS

- ❖ Renown Regional Medical Center, Reno, NV, U.S.A.
- ❖ Saint Mary's Regional Medical Center, Reno, NV, U.S.A.
- ❖ Outpatient Surgery Center of Reno, Reno NV, U.S.A.
- ❖ Northern Nevada Medical Center, Sparks, NV, U.S.A.
- ❖ Carson- Tahoe Medical Center, NV, U.S.A.
- ❖ Sierra Surgery Center, NV, U.S.A.

9. RESEARCH, EDUCATIONAL AND TEACHING ACTIVITIES

(I) TEACHING/RESEARCH/ADMIN ACTIVITIES

- 2000-2005: Associate Professor, Neurosurgery, Sydney, Australia
- 2006: AO Spine faculty member
- 2007/8: Undergraduate lecturer, Faculty of Medicine, University of Nevada, Reno
- 2007/8: Prestige ST educator
- 2007/8- current: Adjunct Associate Professor, Department of Physiology & Cell Biology, University of Nevada School of Medicine
 - 2004-2010: Member of Spine Trauma Study Group
 - 2008: Member of Nevada District #2 Selection Committee on Applicants of the American College of Surgeons]
 - 2010- current: Clinical Instructor, Department of Surgery, University of Nevada, Reno

- 2011- 2015: Renown Spine Panel Neurosurgery Representative
- 2011- Physician Sponsor ThinkFirst Northern Nevada
- 2012- 2015: AO Spine North America Community Development Committee member
- 2011-2012: Washoe Medical Society Public Relations Committee
- 2012: Attended AO Spine North America Training for Chairpersons Course
- 2012-current: AO Spine North America Boards Prep (Oral and MOC) Subcommittee and Residents course Subcommittee
- 2012- current: AO Spine North America Residents Course Subcommittee
- 2015- Medical Executive Committee, Northern Nevada Medical Center
- 2015 – Peer review Committee, Northern Nevada Medical Center
- 2015- Academy of Surgical Educators (ASE)

(II) NEUROSURGICAL COURSES ATTENDED

1. Australasian Neurosurgical Society Cerebrovascular Workshop, 5th-7th March, 1993: Sydney
2. Early Management of Severe Trauma (E.M.S.T.), Royal Australasian College of Surgeons, 5th-7th August, 1994: Royal Prince Alfred Hospital, Sydney
3. Cavernous Sinus and Lateral Skull Base Workshop, 24th-26th July, 1995: The St. Vincent's Hospital, Sydney
4. Preoperative Management of Neurotrauma, ANZCA 36th Continuing Education Seminar, 11th November, 1995, Sydney
5. 1996 Cerebral Hemodynamics and Embolism Symposium, with the Basic and Advanced Transcranial Doppler Course, 22nd-24th January, 1996, Dallas, Texas, U.S.A.
6. Pituitary Symposium, May 11th-May 12th, 1996, Melbourne
7. Peripheral Nerve Workshop, 11th-13th November, 1996, Sydney
8. Midas Rex[®] Hands-On Neuro Workshop: Modern Dissection Techniques of Bone, Biometals, and Bioplastics, April 26th-27th, 1996, Minneapolis, Minnesota, U.S.A.
9. Microendoscopic Dissectomy Workshop, 2nd July, 1997, Sydney
10. Postgraduate Neuropathology Course, 15th - 18th January, 1998, The University of Sydney, Sydney
11. Midas Rex[®] Hands-On Neuro Workshop: Modern Dissection Techniques of

Bone, Biometals, and Bioplastics, October 31st- November 1st, 1998, Rochester, Minnesota, U.S.A.

12. AO/ASIF Comprehensive Spine Course, March 9th- 12th 2000, Breckenridge, Colorado, U.S.A.

13. Principles and Techniques of Examination and Evaluation of the Peripheral Nervous System, at the American Association of Neurological Surgeons, 2000 Annual Meeting, April 8th- April 13th, 2000, San Francisco, California, U.S.A.

14. Basics of Spinal Stabilization, Fusion and Instrumentation, at the American Association of Neurological Surgeons, 2000 Annual Meeting, April 8th- April 13th, 2000, San Francisco, California, U.S.A.

15. Management of Disorders of the Craniocervical Junction (faculty), as part of the 35th Meeting of the Canadian Congress of Neurological Sciences, June 13th-17th, 2000, Ottawa, Canada

16. Bryan Cervical Disc Prosthesis Workshop, April 26th, 2001, Perth, Australia

17. Bryan Cervical Disc System Workshop (faculty), September 15, 2001, Sydney, Australia

18. Prodisc Spine Arthroplasty Course. February 23rd-25th, 2003, Straubing, Germany

19. Maverick Total Disc Replacement Inaugural Training Course. March 22nd, 2003, Brisbane, Australia

20. Erromed Human Error and Safety Workshop. March 27th- 28th, 2003, Katoomba, N.S.W., Australia

21. Stryker Spine Symposium. May 30th- June 1st, 2003, Port Stephens, NSW, Australia

22. Minimal Access Spinal Surgery. August 30th-31st, 2003, Brisbane, Qld., Australia

23. The 9th Advanced Techniques in Cervical Spine Decompression and Stabilisation Course, January 9th-11th, 2004, St. Louis, MO, U.S.A. (faculty)

24. Bryan Disc User Group Meeting, February 28th- 29th, 2004, Sydney, Australia (Co-chair)

25. Risk Management Workshop, Royal Australasian College of Surgeons, July 24th, 2004, Sydney, N.S.W., Australia

26. Innovations in Spinal Fixation: An Advanced Course, February 26-27th, 2005, Memphis, TN, U.S.A.

27. Advanced Cervical Spine Reconstruction Course, June 8, 2006, Las Vegas, U.S.A. (faculty)

28. AO ASIF Degenerative Spine Symposium. Principles and Emerging Technology. July 22nd -July 23rd, 2006, Montreal, Canada (faculty)

29. O-Arm System Cadaver Lab/Hot City Meeting, December 2nd, 2006, Las Vegas, Nevada

30. Prestige Cervical Disc: Core Education Course, March 31st, 2007, Memphis TN

31. Advanced Cervical Spine Reconstruction Course, June 8, 2007, Las Vegas,

U.S.A. (faculty)

32. Prestige Cervical Disc Training Course, August 3rd and 4th, 2007, Denver, CO (chairman)
33. Prestige Cervical Disc Training Course, August 17th – 18th, 2007, Las Vegas, NV, (chairman)
34. North American Spine Society: Coding Update 2008, October 22nd -23rd, 2007, Austin, TX
35. Prestige Cervical Disc Training Course, February 9th, 2008, Denver, NV, (faculty)
36. XLIF and DB2 Training Course, June 21st 2008, San Diego, CA
37. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, Sep 5th- 7th, 2008, Baltimore, Maryland, U.S.A. (faculty)
38. Hot Topic in Cervical Treatment Options: Arthroplasty vs. Arthrodesis, September 22,2008, Orlando, Florida, (faculty)
39. Congress of Neurological Surgery 2008 Annual Meeting, September 21st, 2008, Orlando, FL, U.S.A.
40. North American Spine Society: Section on Motion Technology- Examining the Evidence, October 14th, 2008, Toronto, ON, Canada
41. North American Spine Society 23rd Annual Meeting, October 14th- 18th, 2008, Toronto, ON, Canada
42. Leaders in Spine Series: Clinical Solutions for the Mature and Aging Spine, December 12th and 13th, 2008, Chicago, IL 2008 (faculty)
43. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, January 16th - 18th, 2009, Las Vegas, U.S.A. (faculty)
44. Cervical Arthroplasty Hot Topics, March 5, 2009, Los Angeles, CA (faculty)
45. Prestige Cervical Disc Training Course, March 6th, 2009 San Diego (chairman)
46. Mast Regional Training (DLIF, Sextant and MIS TLIF) April 18th, 2009, Sunnyvale CA
47. Cervical Think Tank/Spine Symposium, April 23rd and 24th 2009, Chicago, IL
48. Prestige Cervical Disc Training Course, June 20th, 2009,Chicago (chairman)
49. Nuvasive Posterior Cervical Workshop, August 1st, 2009, San Diego (chairman)
50. Medtronic Kyphon Balloon Kyphoplasty Training, Feb 6th, 2010, Sunnyvale CA
51. Nuvasive Posterior Cervical Workshop, March 5th, 2010, San Diego (chairman)
52. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, May 14th- 16th, 2010, Las Vegas, U.S.A. (faculty)
53. Nuvasive Posterior Cervical Workshop, June 25th, 2010, San Diego (chairman)
54. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, September 17th- 19th, 2010, Dallas, U.S.A. (Chairman)

55. Congress of Neurological Surgeons 2010 Annual Meeting, October 16-21, 2010, San Francisco, CA
56. 2010 CPT Coding Update at the Congress of Neurological Surgeons 2010 Annual Meeting, October 16-21, 2010, San Francisco, CA
57. Decision Making Strategies in the Aging Spine, January 28-29th, 2011, Scottsdale, AZ
58. 27th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 9th - 12th, 2011, Phoenix AZ
59. Science + Spine +Management Symposium for Residents and Fellows, April 28th - 30th, 2011, Miami FL (faculty)
60. Nuvasive Posterior Cervical Workshop, June 10, 2011, New Jersey (chairman)
61. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, Oct 28-29 , 2011, Toronto, Canada
62. Nuvasive Posterior Cervical Workshop, November 11, 2011, New Jersey (chairman)
63. AO Advanced Techniques of Spinal Resection and Reconstruction (with cadavers) Course, November 18-19, 2011 Las Vegas, NV (faculty)
64. Decision Making Strategies in Spine Surgery for the Early Career Surgeon, January 26th - 28th, 2012, Las Vegas, Nevada (faculty)
65. Nuvasive Posterior Cervical Workshop, March 16, 2012, San Diego (chairman)
66. AO Spine Training for Chairpersons, July 13-14, 2012, online course July 13-14, 2012 and postcourse July 14-30, 2012, Chicago, IL
67. Nuvasive Posterior Cervical Workshop, Sep 14, 2012, San Diego (chairman)
68. Catalyst Global Faculty Training, Oct 22nd-23rd, 2012, Dallas, TX
69. North American Spine Society 27rd Annual Meeting, October 24^h - 27^h, 2012, Dallas, TX, USA
70. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, January 11th - 12th, 2013, New Orleans, U.S.A. (Chairman)
71. 29th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 6th - 9th, 2013, Phoenix AZ
72. Nuvasive Posterior Cervical Workshop, March 14th, 2013, San Diego (chairman)
73. Nuvasive Posterior Cervical Workshop, August 16th, 2013, New Jersey (chairman)
74. Eurospine 2013, Oct 2nd - 4th, 2013, Liverpool, United Kingdom
75. AOSNA Strategic Planning Workshop, Jan 11th - 12th, 2014, Scottsdale, AZ
76. Nuvasive Posterior Cervical Workshop, February 28th, 2014, San Diego (chairman)
77. Prestige LP Faculty Training Program, May 2nd and 3rd, 2014, Miami FLA
78. Decisions in Spine: Early Practice, March 20-21, 2015 in San Diego, CA (chairman)

79. 13th Annual AOSNA Fellows Forum, April 23rd- 25th, Banff Springs, Alberta, Canada (faculty)
80. Medtronic Posterior Cervical Workshop, August, 23rd, 2015, New Jersey (chairman)
81. AO Spine: Controversies in Complex Spine Surgery: A Comprehensive Hands--on Bioskills Course for Fellows, September 10th-12th, 2014, Tampa FL (Chairman)
82. Medtronic Posterior Cervical Workshop, October 24th, 2015, Las Vegas (chairman)
83. Cervical Spine Research Society Annual Meeting, Dec 2nd-5th, 2015, San Diego

(III) PRESENTATIONS AT MEETINGS

1. February, 1993: “Impaired hippocampal long-term potentiation in the chronic hypoperfusion model of the rat” at the Australian Neuroscience Society 13th Annual Meeting, 3rd-5th February, 1993: Melbourne
2. October, 1993: “Altered hippocampal structure and function in the chronic hypoperfusion model of the rat” at the Xth International Congress of Neurological Surgery, 17th-22nd October, 1993: Acapulco, Mexico
3. February, 1994: “Alterations in hippocampal structure in the chronic hypoperfusion model in the rat” at the Australian Neuroscience Society 14th Annual Meeting, 2nd-4th February, 1994: Sydney
4. September, 1995: “Chronic cerebral hypoperfusion and impaired neuronal function in the rat” at the Spine Society of Australia and Neurosurgical Society of Australasia Combined Meeting, 16th- 24th September, 1995, Broome, Western Australia (awarded Peter Leech Prize)
5. September, 1996: “Pathological consequences of chronic cerebral hypoperfusion in the rat”; at the Neurosurgical Society of Australasia Meeting, 18th-21st September, 1996, Cairns, Queensland
6. January, 1996: “Alterations in animals behavior in the chronic hypoperfusion model in the rat” at the 1996 Cerebral Hemodynamics and Embolism Symposium, with the Basic and Advanced Transcranial Doppler Course, 22nd-24th January, 1996, Dallas, Texas, U.S.A.
7. January 1996: “Alterations in hippocampal structure in the chronic hypoperfusion model in the rat” (nominated for Cerebrovascular Research Award) at the 1996 Cerebral Hemodynamics and Embolism Symposium, with the Basic and Advanced Transcranial Doppler Course, 22nd-24th January, 1996, Dallas, Texas, U.S.A.
8. April, 1996: “Alterations in animal behavior in the chronic hypoperfusion model in the rat”, at the American Association of Neurological Surgeons, 64th Annual Meeting, April 27th-May 2nd, 1996, Minneapolis, Minnesota, U.S.A.

9. April, 1996: "Alterations in hippocampal structure in the chronic hypoperfusion model in the rat" at the American Association of Neurological Surgeons, 64th Annual Meeting, April 27th-May 2nd, 1996, Minneapolis, Minnesota, U.S.A.
10. April, 1996: "Chronic cerebral hypoperfusion in the rat: temporal delineation of effects" at the American Association of Neurological Surgeons, 64th Annual Meeting, April 27th-May 2nd, 1996, Minneapolis, Minnesota, U.S.A.
11. July, 1997: "The effects of chronic cerebral hypoperfusion associated with arteriovenous malformations" (prize-winning paper), " at the XIth International Congress of Neurological Surgery, 6th-11th July, 1997: Amsterdam, The Netherlands
12. July, 1997: "Defining the role of capillaries in normal perfusion pressure breakthrough and occlusive hyperemia" " at the XIth International Congress of Neurological Surgery, 6th-11th July, 1997: Amsterdam, The Netherlands
13. July, 1997: "Delayed neurological deterioration following resection of arteriovenous malformations of the brain" at the XIth International Congress of Neurological Surgery, 6th-11th July, 1997: Amsterdam, The Netherlands
14. September 1997: "The palmtop pilot in neurosurgical practice management" at the Practice Management Workshop, 14th-16th September, 1997, Jabiru, Kakadu National Park, Northern Territory
15. September 1997: "Delayed neurological deterioration following resection of arteriovenous malformations of the brain" at the Neurosurgical Society of Australasia Meeting, 17th-20th September, 1997, Darwin, Northern Territory
16. April, 2000: "Role of apoptosis in neuronal and axonal degeneration in cervical spondylitic myelopathy: an immunohistochemical study of human autopsy cases" at the American Association of Neurological Surgeons, 2000 Annual Meeting, April 8th- April 13th, 2000, San Francisco, California, U.S.A.
17. June, 2000: "Role of apoptosis in neuronal and axonal degeneration in cervical spondylitic myelopathy: an immunohistochemical study of human autopsy cases" at the 35th Meeting of the Canadian Congress of Neurological Sciences, 13th-17th June, 2000, Ottawa, Canada
18. September, 2000: "Role of apoptosis in neuronal and axonal degeneration in cervical spondylitic myelopathy: an immunohistochemical study of human autopsy cases" at the Congress of Neurological Surgeons 50th Annual Meeting, September 23rd-28th, San Antonio, Texas, U.S.A.
19. April 2001: "Methylprednisolone in acute spinal cord injury: arguments for its use" at the 12th Annual Scientific Meeting of the Spine Society of Australia, April 27th, 2001, Perth, Western Australia
20. September 2001: "Spinal metastatic disease: posterior vertebrectomy for high thoracic and cervicothoracic metastatic vertebral tumours" at the Breakfast Session on Spinal Metastatic Disease, at the 12th World Congress of Neurological Surgery, September 16th -20th, 2001, Sydney, Australia
21. August, 2002: "Surgical management of spinal injury" at ICRAN 2002: International Conference on Recent Advances on Neurotraumatology, August 1-4,

2002, Bali, Indonesia

22. October 2002: “Revisiting cervical myelopathy in the new millenium” at the Kuring-Gai District Medical Association 26th Annual Congress, September 29th - October 5th, 2002, Yeppoon, Qld, Australia

23. April, 2003: “Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 30 Consecutive Cases” at the American Association of Neurological Surgeons, 2003 Annual Meeting, April 28th - May 1st, 2003, San Diego, California, U.S.A.

24. August, 2003: “Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 43 Consecutive Cases” at World Spine II, August 10th-13th, 2003, Chicago, Illinois, U.S.A.

25. August, 2003: “Lateral Mass Posterior Cervical Fixation: A Prospective Analysis of 612 Consecutive Screws In 95 Patients” at World Spine II, August 10th-13th, 2003, Chicago, Illinois, U.S.A.

26. September 2003: Cervical Spine Symposium: Innovative Technologies- Artificial Cervical Discs: “Indications for Multilevel Cervical Arthroplasty”, September 18th-21st, 2003, Lake Placid, New York, U.S.A.

27. October 2003: “Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 43 Consecutive Cases” at Congress of Neurological Surgeons Annual Meeting, October 19th - 23rd, 2003, Denver, Colorado, U.S.A.

28. October, 2003: “Lateral Mass Posterior Cervical Fixation: A Prospective Analysis of 612 Consecutive Screws In 95 Patients” at Congress of Neurological Surgeons Annual Meeting, October 19th - 23rd, 2003, Denver, Colorado, U.S.A.

29. October, 2003: “Multilevel Cervical Arthroplasty” at Congress of Neurological Surgeons Annual Meeting, October 19th - 23rd, 2003, Denver, Colorado, U.S.A.

30. November 2003: “Lytic Spondylolisthesis- Who Needs Surgery? Who Doesn't? at Elevating Best Practice in Spine- Challenges in Adult Deformity, November 7th, 2003, Sydney, Australia

31. May, 2004: “Cervical Arthroplasty: Beyond the European and United States FDA Study” at SAS4- Global Symposium on Intervertebral Disc Replacement & Non-Fusion Technology, May 4th – 7th, 2004, Vienna, Austria

32. October 2004: “Present Day Technology of Spinal Arthroplasty: What's Available Now and in the Near Future” at the Congress of Neurological Surgery 2004 54th Annual Meeting, Oct 16th- 21st, 2004, San Francisco, CA, U.S.A.

33. May 2005: “Cervical arthroplasty after previous surgery. Report of 15 cases.” at the SA5: Spine Arthroplasty Society Global Symposium on Motion Preservation Technology, May 4-7, 2005, New York, NY, U.S.A.

34. May 2005: “Post-operative kyphosis and segmental imbalance with the Bryan cervical disc – a study of the incidence and causative factors in 66 patients” at the SA5: Spine Arthroplasty Society Global Symposium on Motion Preservation Technology, May 4-7, 2005, New York, NY, U.S.A.

35. June 2005: "Early fixation of spinal fracture: when to cut" at Neurointensive Care: The Road Ahead. Joint Faculty of Intensive Care Medicine in Association with ANZICS 1ST ASM, June 10th- 12th, 2005, Sydney, Australia
36. July 2005: "Cervical arthroplasty after previous surgery: report of 15 cases." Proceeds of 12th International Meeting on Advanced Spine Technologies (IMAST), July 7th- 9th, 2005, Banff, Alberta Canada, 2005
37. Sep 2005: "Cervical arthroplasty after previous surgery: report of 15 cases." Proceeds of the 20th Annual Meeting of the North American Spine Society, September 27th- October 1st, 2005, Philadelphia, PA, U.S.A.
38. May 2006: "Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey" at the SA5- Global Symposium on Motion Preservation Technology, Montreal Canada, May 9-12, 2006
39. June 2006: "Posterior cervical fixation in spinal trauma" at Advanced Cervical Spine Reconstruction Course, June 8, 2006, Las Vegas, U.S.A.
40. August 2006: "Lateral Mass Fixation: Technique" at Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
41. August 2006: "Pearls, Tips and Tricks of C1/2 fixation" at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
42. August 2006: "C7/T1/T2 fixation" at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
43. August 2006: "Complications of Cervicothoracic Fixation" at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
44. August 2006: "Complications of Lateral Mass Fixation" at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
45. March 2007: "Cervical Arthroplasty. Metal on Poly: Current Status" at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th- 10th, 2007, Phoenix, Arizona.
46. March 2007: "Motion Preservation Symposium (moderator)" at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th- 10th, 2007, Phoenix, Arizona.
47. March 2007: "Quantitative Assessment of Spinal Canal Compromise and Spinal Cord Compression after Traumatic Cervical Spinal Cord Injury Using Digital Imaging: Results of the Spine Trauma Study Group Reliability Study" at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th- 10th, 2007, Phoenix, Arizona.
48. September 2007: "Engineering Challenges: Biomaterials and wear" at the Congress of Neurological Surgery 2007 Annual Meeting, September 18th, 2007, San Diego, CA, U.S.A.
49. September 2008: "Cervical Arthroplasty: Biomaterials and wear" at the Congress of Neurological Surgery 2008 Annual Meeting, September 21st, 2008, Orlando, FL, U.S.A.
50. December 2008: "Patient Selection and Pearls: Arthroplasty versus Fusion" at the Leaders in Spine Series: Clinical Solutions for the Mature and Aging Spine,

December 12th and 13th, 2008, Chicago, IL 2008

51. November 2009: “Immediate postoperative complications and radiological features of interbody fusion between INFUSE BMP and Actifuse: A randomized prospective trial” at North American Spine Society 24th Annual Meeting, November 10th- 14th, 2009, San Francisco, CA, 2009

52. December, 2009: “Immediate postoperative complications and radiological features of interbody fusion between INFUSE BMP and Actifuse: A randomized prospective trial” at the Cervical Spine Research Society 37th Annual Meeting, December 3rd- 5th, 2009, Salt Lake City, UT

53. January 2011: “Challenges in Treating the Aging Spine Patient – How to address poor bone quality. Are treatment options different for Degen vs Deformity patients when selecting implants/constructs?” at Decision Making Strategies in the Aging Spine, January 28-29th, 2011, Scottsdale, AZ

84. November 2011: “C2 Fixation Techniques” at AO Advanced Techniques of Spinal Resection and Reconstruction (with cadavers) Course, November 18-19, 2011 Las Vegas, NV

85. January 2012: “Distinguishing yourself in the Marketplace” at Decision Making Strategies in Spine Surgery for the Early Career Surgeon, January 26th- 28th, 2012, Las Vegas, Nevada

86. Mar 2015: “Cervical Arthropathy” at Decisions in Spine: Early Practice , March 20-21, 2015 in San Diego, CA

87. Sep 2015: “Indications for Cervical Arthroplasty” at AO Spine: Controversies in Complex Spine Surgery: A Comprehensive Hands--on Bioskills Course for Fellows, September 10th-12th, 2014, Tampa FL

(IV) INVITED PRESENTATIONS

1. July, 1997: “The effects of chronic cerebral hypoperfusion associated with arteriovenous malformations” (prize-winning paper), ” at the XIth International Congress of Neurological Surgery, 6th-11th July, 1997: Amsterdam, The Netherlands

2. August, 1998: “Management of poor-grade subarachnoid hemorrhage patients: an evidence-based study” at the Mayo Clinic Department of Neurological Surgery Grand Rounds, 8th August, 1998, Rochester, Minnesota, U.S.A.

3. November, 1998: “Delayed neurological deterioration following resection of arteriovenous malformations of the brain” at the Mayo Clinic Department of Neurological Surgery Grand Rounds, 7th November, 1998, Rochester, Minnesota, U.S.A.

4. February, 1999: “Chronic cerebral hypoperfusion. Part 1: electrophysiology” at the Mayo Clinic Department of Neurological Surgery Grand Rounds, 13th February, 1999, Rochester, Minnesota, U.S.A.

5. February, 1999: “Chronic cerebral hypoperfusion. Part 2: histopathology and behavior” at the Mayo Clinic Department of Neurological Surgery Grand Rounds,

20th February, 1999, Rochester, Minnesota, U.S.A.

6. September 1999: “Transcranial doppler: use, misuse and rationale” at the Mayo Clinic Department of Neurological Surgery Grand Rounds, September 4, 1999, Rochester, Minnesota, U.S.A.

7. December 1999: “Cervical radiculopathy: surgical considerations” at the Toronto Western Hospital Medical Grand Rounds, December 8, 1999, Toronto, Ontario, Canada

8. February, 2000: “Rheumatoid arthritis: neurosurgical aspects” at The 2000 William S. Keith Professorship in Neurosurgery, 15th February, 2000, Toronto, Ontario, Canada

9. October, 2000: Kuring-Gai District Medical Association RACGP Continuing Education: “Untangling the mysteries of back problems”, October 19, 2000, Sydney, NSW, Australia

10. March, 2001: Manly District Medical Association RACGP Continuing Education: “Untangling the mysteries of back problems”, March 15, 2001, Sydney, NSW, Australia

11. April 2001: “Methylprednisolone in acute spinal cord injury: arguments for its use”, at the 12th Annual Scientific Meeting of the Spine Society of Australia, April 27th, 2001, Perth, Western Australia.

12. May 2001: Department of General Practice, Dalcross Private Hospital: “Untangling the mysteries of back problems”, May 16, 2001, Sydney, NSW, Australia

13. June 2001: Medtronic Sofamor Danek Nurses Spinal Symposium & Workshop: “Management of spinal trauma and tumours”, June 23rd, 2001, Sydney, NSW, Australia

14. June 2001: Medtronic Sofamor Danek Nurses Spinal Symposium & Workshop: “New technologies and advances in spinal surgery”, June 23rd, 2001, Sydney, NSW, Australia

15. July 2001: Pittwater Radiology Clinical Meeting: “New technologies in spinal surgery”, July 23rd, Sydney, NSW, Australia

16. August 2001: “The Surgical Management of Spinal Cord Injury” at the Spine Injury Conference, 31st August, 2001, Rex Hotel, Sydney, Australia

17. September 2001: “Spinal metastatic disease: posterior vertebrectomy for high thoracic and cervicothoracic metastatic vertebral tumours” at the Breakfast Session on Spinal Metastatic Disease, at the 12th World Congress of Neurological Surgery, September 16th -20th, 2001, Sydney, Australia

18. October 2001: The Northern Sydney Division of General Practice Seminar on Current Trends in Back Surgery, North Shore Private Hospital: “Mysteries of lower back problems and their surgical management”, May 16th, 2001, Sydney, NSW, Australia

19. February 2002: The Northern Sydney Area Health RNSH ½ Day Trauma Seminar, Royal North Shore Hospital, “Spinal cord injury assessment and management”, February 16th, 2002

20. April 2002: Medtronic Sofamor Danek Nurses Spinal Symposium & Workshop: “New technologies and advances in spinal surgery”, April 20th, 2002, Sydney, NSW, Australia
21. August, 2002: “Surgical management of spinal injury” at ICRAN 2002: International Conference on Recent Advances on Neurotraumatology, August 1-4, 2002, Bali, Indonesia
22. October 2002: Kuring-Gai District Medical Association 26th Annual Congress: “Revisiting cervical myelopathy in the new millenium”, October 1, 2002, Yeppoon, Qld, Australia
23. December, 2002: Innovations in Image Guided Surgery. Stealth User Group Meeting: “Fluoroscopic Navigation in Spinal Surgery”, December 8, 2002, Sydney, NSW, Australia
24. February, 2003: Tiny Tots Trauma Day: “Paediatric Head and Spinal Injuries”, February 15, 2003, Royal North Shore Hospital, Sydney, NSW, Australia
25. May, 2003: Sydney NeuroSpine Clinic GP Seminar: “Unravelling Neck Problems: Pain, discs, myelopathy”, May 5, 2003, Chatswood, NSW, Australia
26. May 2003: Seminar on the Management of Major Trauma, Royal North Shore Hospital, “Spinal cord injury assessment and management”, May 17th, 2003
27. August 2003: Minimal Access Spinal Surgery: “MAST Applications to Trauma”, August 31st, 2003, Brisbane, Qld., Australia
28. September 2003: Cervical Spine Symposium: Innovative Technologies-Artificial Cervical Discs: “Indications for Multilevel Cervical Arthroplasty”, September 18th-21st, 2003, Lake Placid, New York, U.S.A.
29. October 2003: Arthroplasty Seminar, 20th October, 2003, Congress of Neurological Surgeons Annual Meeting, Denver, CO, U.S.A.
30. November 2003: “Lytic Spondylolsthesis- Who Needs Surgery? Who Doesn’t?” at Elevating Best Practice in Spine- Challenges in Adult Deformity, November 7th, 2003, Sydney, Australia
31. November 2003: “Cervical Arthroplasty” at Innovations & Excellence in Spinal Surgery, November 22nd, 2003, Sydney, Australia
32. November 2003: “MAST Fusion” at Innovations & Excellence in Spinal Surgery, November 22nd, 2003, Sydney, Australia
33. November 2003: “Image-Guided Spine Surgery” at Innovations & Excellence in Spinal Surgery, November 22nd, 2003, Sydney, Australia
34. November, 2003: “Arthroplasty for Cervical Spine Disorders” at the 33rd ASM of the Australian Association of Musculoskeletal Medicine, November 29th, 2003, Sydney, Australia
35. November, 2003: Tiny Tots Trauma Day: “Paediatric Head and Spinal Injuries”, November 29th, 2003, Royal North Shore Hospital, Sydney, NSW, Australia
36. January 2004: The 9th Advanced Techniques in Cervical Spine Decompression and Stabilisation Course: “The Future: Artificial Disc Replacement”, January 9th-11th, 2004, St. Louis, MO, U.S.A.

37. October 2004: Congress of Neurological Surgery 25th Annual Meeting: “Present Day Technology of Spinal Arthroplasty: What’s Available Now and in the Near Future”, October 16th- 21st, 2004, San Francisco, CA, U.S.A.
38. May 2005: “Cervical arthroplasty after previous surgery. Report of 15 cases.” at the International Bryan Cervical Disc User Group Meeting. May 4, 2005, New York, NY, U.S.A.
39. May 2005: “Post-operative kyphosis and segmental imbalance with the Bryan cervical disc – a study of the incidence and causative factors in 66 patients” at the International Bryan Cervical Disc User Group Meeting. May 4, 2005, New York, NY, U.S.A.
40. June 2005: “Early fixation of spinal fracture: when to cut” at Neurointensive Care: The Road Ahead. Joint Faculty of Intensive Care Medicine in Association with ANZICS 1st ASM, June 10th- 12th, 2005, Sydney, Australia
41. September 2005: “Cervical arthroplasty after previous surgery. Report of 15 cases.” at the North American Spine Society 20th Annual Meeting, September 27th – October 1st, 2005, Philadelphia, PA, U.S.A.
42. June 2006: “Posterior cervical fixation in spinal trauma” at Advanced Cervical Spine Reconstruction Course, June 8, 2006, Las Vegas, U.S.A.
43. June, 2006: “Surgical and Non-Surgical Treatment for Back Pain Management” at the Washoe Medical Center Grand Rounds, June 13th, 2006, Reno, Nevada
44. July 2006: “Cervical Disc Arthroplasty” at the AO ASIF Degenerative Spine Symposium. Principles and Emerging Technology. July 22nd –July 23rd, 2006, Montreal, Canada
45. July 2006: “Is there a role for dynamic stabilization?” at the AO ASIF Degenerative Spine Symposium. Principles and Emerging Technology. July 22nd – July 23rd, 2006, Montreal, Canada
46. July 2006: “Arthroplasty Complications” at the AO ASIF Degenerative Spine Symposium. Principles and Emerging Technology. July 22nd –July 23rd, 2006, Montreal, Canada
47. August 2006: “Lateral Mass Fixation: Technique” at Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
48. August 2006: “Pearls, Tips and Tricks of C1/2 fixation” at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
49. August 2006: “C7/T1/T2 fixation” at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
50. August 2006: “Complications of Cervicothoracic Fixation” at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
51. August 2006: “Complications of Lateral Mass Fixation” at the Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia
52. March 2007: “Cervical Arthroplasty. Metal on Poly: Current Status” at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th- 10th, 2007, Phoenix, Arizona.

53. April 2007: “Head Injury” at the University of Nevada, School of Medicine, April 13th, 2007, Reno, Nevada
54. April 2007: “Spinal Cord Injury” at the University of Nevada, School of Medicine, April 13th, 2007, Reno, Nevada
55. May 2007: “Update on the Acute Management of Spinal Cord Injury”, May 18th, 2007, at the Neurosciences Symposium, Renown Regional Medical Centre, Reno, Nevada
56. June 2006: “Circumferential Decompression” at Advanced Cervical Spine Reconstruction Course, June 8, 2007, Las Vegas, U.S.A.
57. September 2007: Engineering Challenges: Biomaterials and wear: at the Congress of Neurological Surgery 2007 Annual Meeting, September 18th, 2007, San Diego, CA, U.S.A.
58. April 2008: “Head Injury” at the University of Nevada, School of Medicine, April 21st, 2008, Reno, Nevada
59. April 2008: “Spinal Cord Injury” at the University of Nevada, School of Medicine, April 21st, 2008, Reno, Nevada
60. September 2008: “Spinal Cord Injury”: at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, Sep 5th- 7th, 2008, Baltimore, Maryland, U.S.A.
61. September 2008: “TLIF/PLIF”: at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, Sep 5th- 7th, 2008, Baltimore, Maryland, U.S.
62. September 2008: “Cervical Arthroplasty: Biomaterials and wear” at the Congress of Neurological Surgery 2008 Annual Meeting, September 21st, 2008, Orlando, FL, U.S.A.
63. December 2008: “Patient Selection and Pearls: Arthroplasty versus Fusion” at the Leaders in Spine Series: Clinical Solutions for the Mature and Aging Spine, December 12th and 13th, 2008, Chicago, IL 2008
64. January 2009: Operative and Nonoperative Management of Cervical Radiculopathy” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, January 16th- 18th, 2009, Las Vegas, U.S.A.
65. January 2009: Classification/Pathognomics of Cervical Trauma” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, January 16th- 18th, 2009, Las Vegas, U.S.A.
66. May 2010: “Spinal Cord Injury”: at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, May 14th-16th, 2010, Las Vegas, Nevada, U.S.A.
67. May 2010: “Lumbar Arthroplasty”: at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, May 14th-16th, 2010, Las Vegas, Nevada, U.S.A.
68. September 2010: “Spinal Cord Injury” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, September

- 17th- 19th, 2010, Dallas, U.S.A. (Chairman)
69. September 2010: “Cervical Radiculopathy” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, September 17th- 19th, 2010, Dallas, U.S.A. (Chairman)
70. September 2010; “Lumbar Arthroplasty” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, September 17th- 19th, 2010, Dallas, U.S.A. (Chairman)
71. January 2011: “Challenges in Treating the Aging Spine Patient – How to address poor bone quality. Are treatment options different for Degen vs Deformity patients when selecting implants/constructs?” at Decision Making Strategies in the Aging Spine, January 28-29th, 2011, Scottsdale, Arizona
72. April 2011: “Negotiating with Hospitals” at the 79th AANS Annual Scientific Meeting, April 9th- 13th. 2011, Denver Colorado
73. May 2011: “Distinguishing Yourself in the Marketplace” at the Science + Spine +Management Symposium for Residents and Fellows, April 28th- 30th, 2011, Miami FL (faculty)
74. May 2007: “Head Injuries- A-Z”, October 4, 2011, at Trauma: The Challenge Symposium, Renown Regional Medical Centre, Reno, Nevada
75. November 2011: “C2 Fixation Techniques” at AO Advanced Techniques of Spinal Resection and Reconstruction (with cadavers) Course, November 18-19, 2011 Las Vegas, NV
76. January 2012: “Distinguishing yourself in the Marketplace” at Decision Making Strategies in Spine Surgery for the Early Career Surgeon, January 26th- 28th, 2012, Las Vegas, Nevada
77. April 2013: “The ABCs of Calcium and Osteoporosis” at NAPNA meeting, April 9th, 2013, Reno, Nevada
78. Jan 2015: “Myelopathy” at Nevada Academy of Family Physicians, Tahoe Meeting,
79. Mar 2015: “Cervical Arthropathy” at Decisions in Spine: Early Practice , March 20-21, 2015 in San Diego, CA
80. Sep 2015: “Indications for Cervical Arthroplasty” at AO Spine: Controversies in Complex Spine Surgery: A Comprehensive Hands--on Bioskills Course for Fellows, September 10th-12th, 2014, Tampa FL

(V) OTHER INVITED ACTIVITIES (COURSES/WORKSHOPS)

1. June 2000: Instructor at the Management of Disorders of the Craniocervical Junction Course, at the 35th Meeting of the Canadian Congress of Neurological Sciences, 13th June, 2000, Ottawa, Canada
2. July 2000: International VIP Visit to Medtronic Sofamor Danek, 17-19th July, 2000, Memphis, U.S.A.
3. July 2000: Anspach, July 20-22nd, 2000, West Palm Beach, U.S.A.

4. April 2001: Bryant Cervical Disc Prosthesis Workshop, April 26th, 2001, Perth, Australia
5. June 2001: Medtronic Sofamor Danek Nurses Spinal Symposium & Workshop, June 23rd, 2001, Sydney, Australia (Course Chairman)
6. August 2001: Spine Injury Conference, 31st August, 2001, Rex Hotel, Sydney, Australia
7. September 2001: “Spinal Metastases” Breakfast Session, at the XIIth International Congress of Neurological Surgery, 17th-20th September, 2001. Sydney, Australia
8. September 2001: Bryant Cervical Disc System Workshop, September 15th, 2001, Sydney, Australia (faculty)
9. September 2001: Co-moderator for the Spine Section, at the 12th World Congress of Neurological Surgery, September 16th -20th, 2001, Sydney, Australia
10. February 2002: Sofamor Danek R90 Beta Testers Think Tank, February 8th-10th, 2002, Coolum, Australia
11. February 2003: Prodisc Spine Arthroplasty Course. February 23rd-25th, 2003, Straubing, Germany
12. March 2003: Maverick Total Disc Replacement Inaugural Training Course. March 22nd, 2003, Brisbane, Australia
13. May 2003: Stryker Spine Symposium. May 30th- June 1st, 2003, Port Stephens, NSW, Australia (faculty)
14. June 2003: Advances in Posterior Cervical Spine Instrumentation. June 14th, 2003, Sydney, Australia (convenor)
15. August 2003: Advances in the Surgical Management of Spondylotic Myelopathy. August 20th, 2003, Rochester University Medical Center, Rochester, New York, U.S.A. (Visiting Professor)
16. August 2003: Minimal Access Spinal Surgery: August 31st, 2003, Brisbane, Qld., Australia (faculty)
17. September 2003: Cervical Spine Symposium: Innovative Technologies- Artificial Cervical Discs, September 18th-21st, 2003, Lake Placid, New York, U.S.A.
18. October 2003: Arthroplasty Seminar, 20th October, 2003, Congress of Neurological Surgeons Annual Meeting, Denver, CO, U.S.A.
19. The 9th Advanced Techniques in Cervical Spine Decompression and Stabilisation Course, January 9th-11th, 2004, St. Louis, MO, U.S.A.
20. Bryan Disc User Group Meeting, February 28th- 29th, 2004, Sydney, Australia (Co-chair)
21. Prodisc Cervical Arthroplasty Training Course, 8th March, 2004, Melbourne, Australia
22. MAST Trauma/Tumor Focus Group Meeting. 20th March, 2004, San Diego, CA, U.S.A.
23. Stryker Spine Symposium. June 11th – 14th, 2004 , Gold Coast,

Qld, Australia (faculty)

24. Stryker Spine Symposium. The Practical Management of Complex Spinal Pathologies, May 27th – May 29th, 2005, Ayres Rock, NT, Australia (convenor)
25. Advanced Cervical Spine Reconstruction Course, June 8, 2006, Las Vegas, U.S.A. (faculty)
26. Global Spine, June 9-11, Las Vegas, U.S.A. (faculty)
27. AO ASIF Degenerative Spine Symposium. Principles and Emerging Technology, July 22nd – July 23rd, 2006, Montreal, Canada (faculty)
28. Surgical Management of the Cervical Spine Course, August 25th, 2006, Sydney, Australia (faculty)
29. March 2007: “Motion Preservation Symposium (moderator)” at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th- 10th, 2007, Phoenix, Arizona.
30. March 2007: “Special Course IV. Motion Segment Preservation A to Z” at the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, March 7th, 2007, Phoenix, Arizona.
31. Prestige Cervical Disc: Core Education Course, March 31st, 2007, Memphis TN
32. Advanced Cervical Spine Reconstruction Course, June 8, 2007, Las Vegas, U.S.A. (faculty)
33. Prestige Cervical Disc Training Course, August 3rd and 4th, 2007, Denver, CO (chairman)
34. Prestige Cervical Disc Training Course, August 17 and 18th, 2007, Las Vegas, NV, (chairman)
35. Prestige Cervical Disc Training Course, April 25th, 2008, 2007, Chicago, IL, NV
36. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, Sep 5th- 7th, 2008, Baltimore, Maryland, U.S.A. (faculty)
37. September 2008: “Special Premeeting Course PC22: Cervical Arthroplasty at the Congress of Neurological Surgery 2008 Annual Meeting, September 21st, 2008, Orlando, FL, U.S.A.
38. January 2009: Operative and Nonoperative Management of Cervical Radiculopathy” at the AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows, January 16th- 18th, 2009, Las Vegas, U.S.A.
39. Prestige Cervical Disc Training Course, 20th July, 2009 Chicago IL, (faculty)
40. May 2011: “Distinguishing Yourself in the Marketplace” at the Science + Spine +Management Symposium for Residents and Fellows, April 28th-30th, 2011, Miami FL (faculty)
41. AOSNA SPineNet Knowledge Forum Conference, Oct 21-22,

2011, Toronto, Canada

42. January 2012: “Distinguishing yourself in the Marketplace” at Decision Making Strategies in Spine Surgery for the Early Career Surgeon, January 26th - 28th, 2012, Las Vegas, Nevada
43. AO Spine. Excellence in Spine. Principles and Treatment of Spinal Disorders for Residents and Fellows. January 11th and 12th, 2013, New Orleans, U.S.A. (chairman)
44. Decisions in Spine: Early Practice, March 20-21, 2015 in San Diego, CA (chairman)
45. 13th Annual AOSNA Fellows Forum, April 23rd- 25th, Banff Springs, Alberta, Canada (faculty)
46. Medtronic Posterior Cervical Workshop, August, 23rd, 2015, New Jersey (chairman)
47. AO Spine: Controversies in Complex Spine Surgery: A Comprehensive Hands--on Bioskills Course for Fellows, September 10th-12th, 2014, Tampa FL (Chairman)
48. Medtronic Posterior Cervical Workshop, October 24th, 2015, Las Vegas (chairman)

(VI) PEER REVIEW

Editorial Board Membership:

- **Journal of Spinal Disorders & Techniques**
- **Journal of Craniovertebral Junction & Spine**

Associate Editorial Board:

- **Spine Journal**
- **The Spine Journal**
- **Global Spine Journal**

Reviewer for :

- * **Spine**
- * **Acta Neurochirurgica**
- * **J Clin Neurosci**
- * **Journal of Spinal Disorders & Techniques**
- * **Neurosurgery**

- * **J Neurochem**
- * **Neurology India**
- * **Mayo Clinic Proceedings**
- * **Yonsei Medical Journal**
- * **Clinical Neurology and Neurosurgery**
- * **Patient Safety in Surgery Journal**
- * **Orthopedic Reviews**
- * **Scoliosis**
- * **Journal of Craniovertebral Junction & Spine**
- * **Global Spine Journal**
- * **Hindawi Publishing**
- * **World Neurosurgery**

(VII) COMMITTEES

- NASS Web Site Development Committee Member (11/01/2008 - 10/31/2011)
- NASS International Education Committee Member (10/29/2009 - 10/30/2009)
- NASS SpineLine Editorial Board Member (10/29/2007 - 10/30/2007)
- NASS Web Site Development Committee Member (11/01/1999 - 10/31/2002)
- NASS Web Site Development Committee Member (11/01/2002 - 10/31/2005)
- NASS World Spine II Advisory Board (inactive) Member (12/01/2004 - 11/30/2007)
- NASS Spine Journal Editorial Board Advisor (10/01/2006 - 09/30/2009) Board of Directors and Treasurer for Kinetic Spine Technologies- 2004- present
- Board of Directors and Vice President, SpineNevada, 2005- 2010
Spine Trauma Study Group, 2004- 2010
- Medical Advisory Committee, Allez Spine, 2009- 2011
- Renown Spine and Implant Committee, 2009- present
- Renown Institute of Neurosciences Board Member, 2006- 2009
- Neurosurgery Head, Spine Program, Renown Regional Medical Center, 2011- present
- Washoe County Medical Society Publication Relations Committee,

2011- present

- SpineNET Trauma Study Group under AOSpine North America, 2011- current
- ThinkFirst Northern Nevada Sponsoring Physician, established 2011
- AONA Spine Faculty 2002- current
- AOSpine North America Advanced and Fellows Course subcommittee 2012- current
- AO Spine North America Community Development Committee, 2012- current
- Orthopedic and Neurosurgery Leadership Council Northern Nevada Medical Center, 2013- current
- Co-Director, Renown Regional Medical Center Spine Program, 2007- present
- Executive Committee Member, Sierra Neurosurgery Group 2013- present
- Medical Executive Committee, Northern Nevada Medical Center, 2015
- Peer Review Committee, Northern Nevada Medical Center, 2015- current

10. BIBLIOGRAPHY

(I) PEER-REVIEWED, ORIGINAL ARTICLES

1. Sekhon LHS and Morgan MK: Pineal teratoma and its relationship to intracerebral development: case report. *Neurosurgery* 28: 594-596, 1991
2. Sekhon LHS, Morgan MK, Besser M and Maixner W: Controversies in the management of brainstem cavernous angioma: report of 2 cases. *Australian and New Zealand Journal of Surgery* 62: 763-767, 1992
3. Morgan MK and Sekhon LHS: Extracranial/intracranial saphenous vein bypass for carotid or vertebral artery dissections: report of six cases. *J Neurosurg* 80: 237-246, 1994
4. Sekhon LHS, Morgan MK, Spence I and Weber NC: Chronic cerebral hypoperfusion inhibits neuronal function in rats. *Stroke* 25: 1022-1027, 1994
5. Sekhon LHS, Morgan MK and Johnston IH: Syndactyly and intracranial arteriovenous malformation: case report. *Brit J Neurosurg* 8: 377-380, 1994

6. Sekhon LHS, Morgan MK, Salisbury ELC, Grace J and Lamont PJ: Recurrent Lymphomatoid granulomatosis and isolated central nervous system involvement: case report. *J Clin Neurosci* 2: 163-166, 1995
7. Sekhon LHS, Spence I, Morgan MK, and Weber NC: Chronic cerebral hypoperfusion in the rat: temporal delineation of effects and the *in vitro* ischemic threshold. *Brain Res* 704: 107-111, 1995
8. Morgan MK, Sekhon LHS, Halcrow SJ, Grinnell V, and Sorby W: Effective management of cerebral vasospasm with balloon angioplasty after failed papaverine angioplasty: case report. *J Clin Neurosci* 3(2): 162-165, 1996
9. Sekhon LHS, Spence I and Morgan MK: Chronic cerebral hypoperfusion and impaired neuronal function in the rat. *J Clin Neurosci* 3(2): 191, 1996
10. Sekhon LHS, Morgan MK, Spence I: Alterations in hippocampal structure in the chronic hypoperfusion model in the rat. *Stroke* 27(4): 793, 1996
11. Sekhon LHS, Morgan MK, Spence I: Alterations in animal behavior in the chronic hypoperfusion model in the rat. *Stroke* 27(4): 795, 1996
12. Sekhon LHS: The effects of chronic cerebral hypoperfusion in the rat. *Journal and Proceedings, Royal Society of NSW*, 129 (3/4): 153, 1996
13. Isert P, Stewart A, Sekhon, L. and Crawford M: Changes in brain temperature during forced-air convection cooling of primates. *J Neurosurg Anesth* 8: 331, 1996
14. Sekhon LHS, Morgan MK, Spence I and Weber NC: Chronic cerebral hypoperfusion: pathological and behavioral consequences. *Neurosurgery* 40: 548-556, 1997
15. Sekhon LHS, Morgan MK, and Spence I: Normal perfusion pressure breakthrough: the role of capillaries. *J Neurosurg* 86: 519-524, 1997
16. Sekhon LHS, Spence I, Morgan MK, and Weber NC: Chronic cerebral hypoperfusion inhibits calcium-induced long-term potentiation in rats. *Stroke* 28: 1043-1048, 1997
17. Sekhon LHS, Morgan MK and Spence I: Defining the role of capillaries in "normal perfusion pressure breakthrough" and "occlusive hyperemia". *Clin Neurol Neurosurg* 99: S13, 1997
18. Sekhon LHS: The effects of chronic cerebral hypoperfusion associated with arteriovenous malformations. *Clin Neurol Neurosurg* 99: S267-268, 1997
19. Morgan MK, Sekhon LHS, Grinnell V, Sorby W and Finfer S: Delayed neurological deterioration following resection of arteriovenous malformations of the brain. *Clin Neurol Neurosurg* 99: S54, 1997
20. Sekhon LHS, Morgan MK, and Spence I: Pathological consequences of chronic cerebral hypoperfusion in the rat. *J Clin Neurosci* 4(2): 281, 1997
21. Sekhon LHS and Vonau M: Simultaneous hangman's fracture in siblings undergoing vehicular trauma. *Australian and New Zealand Journal of Surgery* 68: 158-161, 1998
22. Sekhon LHS, Spence I, Morgan MK, and Weber NC: Long-term potentiation saturation in chronic cerebral hypoperfusion. *J Clin Neurosci* 5(3): 323-328, 1998

23. Sekhon LHS, Morgan MK, Sorby W, Grinnell V: Combined endovascular stent implantation and endosaccular coil placement for the treatment of a wide-necked vertebral artery aneurysm: technical case report. *Neurosurgery* 43(2): 380-384, 1998
24. Morgan MK, Sekhon L, Rahman Z, Dandie G: Letter to the Editor: Morbidity of intracranial hemorrhage in patients with cerebral arteriovenous malformations. *Stroke* 29(9): 2001, 1998
25. Sekhon LHS, Spence I, Morgan MK, and Weber NC: The role of inhibition in chronic cerebral hypoperfusion. *J Clin Neurosci* 5(4): 423-428, 1998
26. Morgan MK, Sekhon LHS, Finfer S and Grinnell V: Delayed neurological deterioration following resection of arteriovenous malformations of the brain. *J Neurosurg* 90: 695-701, 1999
27. Morgan MK, Sekhon LHS, Grinnell V, Sorby W and Finfer S: Delayed neurological deterioration following resection of arteriovenous malformations of the brain. *J Neurosurg* 1999 Apr;90(4):695-701
28. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Role of apoptosis in neuronal and axonal degeneration in cervical spondylotic myelopathy: an immunohistochemical study of human autopsy cases. *Can J Neuro Sci* 27(S2): S66, 2000
29. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Role of apoptosis in neuronal and axonal degeneration in cervical spondylotic myelopathy: an immunohistochemical study of human autopsy cases. *J Neurosurg* 92: 534, 2000
30. Fehlings MG and Sekhon LHS: Acute interventions in spinal cord injury: what do we know, what should we do? *Clin Neurosurg*, 48: 226-242, 2001
31. Sekhon, LHS: Methylprednisolone in acute spinal cord injury: arguments for its use. *J Bone Joint Surg - British Volume*. 83-B Supplement III:363, 2001
32. Sekhon LHS and Fehlings MG: Epidemiology, demographics and pathophysiology of acute spinal cord injury. *Spine* 26:S2-S12, 2001
33. Fehlings MG and Sekhon LHS: The role and timing of decompression in acute spinal cord injury. What do we know? What should we do? *Spine* 26:S101-S110 2001
34. Sekhon LHS and Morgan MK: Letter to the editor on Taylor CL, Selman WR, Ratcheson RA: Steal affecting the central nervous system. *Neurosurgery* 51:856-857, 2002
35. Sekhon LHS: Cervical arthroplasty in the management of spondylotic myelopathy *J Spinal Disord* 16: 307-313, 2003
36. Al- Barbarawi M and Sekhon LHS: Management of massive calcified transdural thoracic disc protrusion: case report. *J Clin Neurosci* 10(6): 707-710, 2003
37. Parkinson JF and Sekhon LHS: Surgical management of spinal epidural abscess: selection of approach based on MRI appearance. *J Clin Neurosci* 11(2), 130-133, 2004

38. Smith, SF and Sekhon LHS: A Quarter Of A Century Of Neurosurgery: The Value Of A Relational Database To Document Trends In Neurosurgical Practice Of A Tertiary Referral Hospital *J Clin Neurosci* 11(1): 31-36, 2004
39. Sekhon LHS: Two Level Artificial Disc Placement for Spondylotic Cervical Myelopathy: Case Report Hospital *J Clin Neurosci* 11(4): 412-415, 2004
40. Al- Barbarawi M, Smith S and Sekhon LHS: Haemorrhagic brain metastasis from a thymic carcinoma: case report *J Clin Neurosci* 11(2): 190-194,2004
41. Parkinson JF and Sekhon LHS: Cervical Arthroplasty for the treatment of cervical spine disease. *Australasian Musculoskeletal Medicine* 9(1): 28-31, 2004
42. Sekhon LHS: Cervical arthroplasty in the management of cervical myelopathy: 18 month results. *Neurosurg Focus* 17(3): E8, 2004
43. Pickett GE, Mitsis DK, Sekhon LHS, Sears WR and Duggal N: Effects of a cervical disc prosthesis on segmental and cervical spine alignment. *Neurosurg Focus* 17(3): E8, 2004
44. Smith, SF, Simpson JF and Sekhon LHS: Prophylaxis for deep venous thrombosis in neurosurgical oncology: review of 2,779 admissions over a nine-year period. *Neurosurg Focus* 17(4): E4, 2004
45. Parkinson JF and Sekhon LHS: MR appearance as a guide to the surgical management of spinal epidural abscess. *Neurosurg Focus* 17(6): E12, 2004
46. Al- Barbarawi M and Sekhon LHS: Protection of the C1 posterior arch in atlantal lateral mass screw fixation: technical case report. *J Clin Neurosci* 12(1): 59-61, 2005
47. Sears W, Sekhon L, Duggal N, Williamson O: Postoperative kyphosis and segmental imbalance with an unconstrained, variable I.A.R. cervical disc prosthesis. *Spine J*, July 6(5) (Supplement), 2005, 64S
48. Sekhon L, Sears W, Duggal N: Cervical arthroplasty after previous surgery: review of 15 cases. *Spine J*, July 5(4) (Supplement), 2005, 110S
49. Parkinson JF and Sekhon LHS: Spontaneous Delayed Fusion Cervical Arthroplasty Using the Bryan disc Prosthesis: Case Report . *J Neurosurg* 3:377-380, 2005
50. Sekhon LHS: Reversal of cervical fusion with a cervical arthroplasty prosthesis. *J Spinal Disorders*: 18(suppl 1):S125–S128, 2005
51. Sekhon LHS: Cervicothoracic junction arthroplasty after previous fusion surgery for adjacent segment degeneration. *Operative Neurosurgery* 56(ONS Suppl 1): ONS-205, 2005
52. Al- Barbarawi M, Smith SF, Qudsieh S and Sekhon LHS: Metastatic ovarian carcinoma presenting with multiple cerebral and leptomeningeal metastases: case report (in press: *J Clin Neurosci*: 18(6), 697-699, 2005
53. Sekhon L and Duggal N: Letter to the editor on Johnson JP, Laurysen C, Cambron HO, et al: Sagittal alignment and the Bryan cervical artificial disc. *Neurosurg Focus* 17(6):E14, 2004: *Neurosurg Focus* 18 (3), 2005

54. Sekhon LHS: Posterior Cervical Lateral Mass Screw Fixation: An Analysis Of 1026 Consecutive Screws in 143 Patients: *J Spinal Disord Tech*: 18: 297-303, 2005.
55. Sekhon LHS: Reply to :Goel A and Kulkarni (letter to the editor) *J Clin Neurosci*: 12(6):727-728. 2005
56. Sekhon L, Sears W, Duggal N: Cervical arthroplasty after previous surgery: review of 15 cases. *Spine J*: 5(4)(Suppl), 110, 2005
57. Sekhon LHS: Do you really need back surgery?: A surgeon's guide to neck and back pain and how to choose treatment (book review). *J Clin Neurosci*: 12(6):731. 2005
58. Sekhon LHS, Sears W and Duggal N: Cervical arthroplasty after previous surgery: review of 24 discs in 15 patients. *J Neurosurgery(Spine)*: 3:335-341,2005
59. Smith SF, Simpson JM and Sekhon LHS: What progress has been made in surgical management of astrocytomas and oligodendrogliomas in Australia over the last two decades? *J Clin Neurosci*: 12(8), 915-921, 2005
60. Smith SF, Biggs MT and Sekhon LHS: Risk Factors and Prophylaxis for Deep Venous Thrombosis In Neurosurgery. *SurgTechnol Int XIV* p1-8, 2005
61. Sekhon LHS & Ball J: Artificial Cervical Disc Replacement - Principles, Types And Techniques. *Neurol India* 53(4): 445-450, 2005
62. Sekhon LHS: Posterior Cervical Decompression And Fusion For Circumferential Spondylotic Cervical Stenosis: Review Of 50 Consecutive Cases. *J Clin Neurosci*: 13(1) 23-30, 2006
63. Ball JR & Sekhon LHS: Timing of decompression and fixation after spinal cord injury- when is surgery optimal? *Critical Care and Resuscitation*: 8: 119-127,2006
64. Anderson P, Sekhon L, Duggal N, Haid R, Heller J, Lynch J, Riew KD, Seex K: MR imaging clarity of cervical arthroplasty devices. *Spine J*: 6(5)(Suppl), 185, 2006
65. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E, Fehlings M: Revision strategies for cervical arthroplasty: results of a multi-surgeon international survey. *Spine J*: 6(5)(Suppl), 645, 2006
66. Pickett GE, Sekhon LHS, Sears WR and Duggal N: Complications of cervical arthroplasty. *J Neurosurgery(Spine)*: 4:98-105,2006
67. Sekhon, Lali HS, Anderson P, Duggal N, Lynch J, Heller J, Riew, DK, Haid, RW Jr, Seex K: Magnetic Resonance Imaging Clarity of the Bryan, Prodisc-c, Prestige LP, and PCM Cervical Arthroplasty Devices: 823. *Neurosurgery*. 59(2):461, August 2006.
68. Vaccaro AR, Lim MR, Hurlbert RJ, Lehman RA Jr, Harrop J, Fisher DC, Dvorak M, Anderson DG, Zeiller SC, Lee JY, Fehlings MG, Oner FC; Spine Trauma Study Group: Surgical Decision Making for Unstable Thoracolumbar Spine Injuries: Results of a Consensus Panel Review by the Spine Trauma Study Group. *J Spinal Disord Tech*. Feb;19(1):1-10, 2006
69. Vaccaro AR, Lee JY, Schweitzer KM, Lim MR, Baron EM, Oner FC, Hulbert

- RJ, Hedlund R, Fehlings MG, Arnold P, Harrop J, Bono CM, Anderson PA, Anderson DG, Harris MB, Spine Trauma Study Group: Assessment Of Injury To The Posterior Ligamentous Complex In Thoracolumbar Spine Trauma. *Spine J*. 2006 Sep-Oct;6(5):524-8. Epub 2006 Jul 11
70. Harrop JS, Vaccaro AR, Hurlbert RJ, Wilsey JT, Baron EM, Shaffrey CI, Fisher CG, Dvorak MF, Oner FC, Wood KB, Anand N, Anderson DG, Lim MR, Lee JY, Bono CM, Arnold PM, Rampersaud YR, Fehlings MG; Spine Trauma Study Group: Intrarater And Interrater Reliability And Validity In The Assessment Of The Mechanism Of Injury And Integrity Of The Posterior Ligamentous Complex: A Novel Injury Severity Scoring System For Thoracolumbar Injuries. Invited Submission From The Joint Section Meeting On Disorders Of The Spine And Peripheral Nerves, March 2005. *J Neurosurg Spine*. 2006 Feb;4(2):118-22.
71. Fehlings MG, Furlan JC, Massicotte EM, Arnold P, Aarabi B, Harrop J, Anderson DG, Bono CM, Dvorak M, Fisher C, France J, Hedlund R, Madrazo I, Nockels R, Rampersaud R, Rechtine G, Vaccaro AR; Spine Trauma Study Group: Interobserver And Intraobserver Reliability Of Maximum Canal Compromise And Spinal Cord Compression For Evaluation Of Acute Traumatic Cervical Spinal Cord Injury. *Spine*. 2006 Jul 1;31(15):1719-25.
72. Vaccaro AR, Lee JY, Schweitzer KM Jr, Lim MR, Baron EM, Oner FC, Hurlbert RJ, Hedlund R, Fehlings MG, Arnold P, Harrop J, Bono CM, Anderson PA, Anderson DG, Harris MB, Spine Trauma Study Group. Assessment Of Injury To The Posterior Ligamentous Complex In Thoracolumbar Spine Trauma. *Spine J*. Sep-Oct;6(5):524-8, 2006
73. Smith SF, Simpson JM, Brewer JA, Sekhon LHS, Biggs MT, Cook RJ and Little NS: The presence of necrosis and/or microvascular proliferation does not influence survival of patients with anaplastic oligodendroglial tumours: review of 98 patients *J Neurooncol* Oct;80(1):75-82, 2006
74. Vaccaro AR, Lim MR, Hurlbert RJ, Lehman RA Jr, Harrop J, Fisher DC, Dvorak M, Anderson DG, Zeiller SC, Lee JY, Fehlings MG, Oner FC; Spine Trauma Study Group: Surgical Decision Making For Unstable Thoracolumbar Spine Injuries: Results Of A Consensus Panel Review By The Spine Trauma Study Group. *J Spinal Disord Tech*. 2006 Feb;19(1):1-10.
75. Sekhon LHS and Anderson PA: "Disc Replacement: Postoperative imaging" in Heller J: *Semin Spine Surg*, W.B. Saunders Company, Philadelphia, June 2006
76. Anderson P, Sekhon L, Duggal N, Haid R, Heller J, Lynch J, Riew KD, Seex K: MR Imaging Clarity of Cervical Arthroplasty Devices . *Spine J* September 6(5) (Supplement), 2006, 18S
77. Riew KD, Sekhon L, Metcalf Jr. N, Sasso R, Anderson P: Cervical Disc Arthroplasty for Myelopathy. *Spine J* September 6(5) (Supplement), 2006, 57S-58S
78. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E, Fehlings M: Revision Strategies for Cervical Arthroplasty: Results of a Multi-Surgeon International Survey. *Spine J* September 6(5) (Supplement), 2006, 64S

79. Anand N, Vaccaro AR, Lim M, Lee J, Arnold P, Harrop J, Ratliff J, Rampersaud R, Bono C, the Spine Trauma Study Group: Evolution Of Thoracolumbar Trauma Classification Systems: Assesment Of Conflict Between Mechanism Of Injury and Injury Morphology. *Topics in Spinal Cord Injury Rehabilitation*, 2006;12(1):70–78
80. Riew KD, Sekhon L, Metcalf Jr. N, Sasso R, Anderson P: Cervical disc arthroplasty for myelopathy. *The Spine J*: 6(5): (Supplement), 57S-58S, 2007
81. Sekhon LHS: Reply to: Posterior Decompression And Fusion: dorsal migration of the spinal cord is the key! *J Clin Neurosci*: 14(2): 186, 2007
82. Sears W, Sekhon L, Duggal N, Williamson OD: Segmental malalignment with the Bryan cervical disc prosthesis-does it occur? *J Spinal Disord Tech*. Feb;20(1):1-6, 2007
83. Sears WR, Duggal N, Sekhon LHS and Williamson OD: Segmental malalignment with the Bryan disc cervical disc prosthesis- contributing factors. *J Spinal Disord Tech*. April;20(2):111-117, 2007
84. Sekhon LHS, Duggal ND, Lynch JJ, Riew KD, Haid RW, Heller JG, Seex K and Anderson MD: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and PCM cervical arthroplasty devices. *Spine*. 32(6): 673-680, 2007
85. Sekhon LHS: The The Role for Cervical Arthroplasty for Symptomatic Cervical Stenosis: The Case Against. *Semin Spine Surg* 19:22-26, 2007
86. Whang GH , Vaccaro AR, Poelstra KA, Patel AA, Anderson DG, Albert TJ, Hilibrand AS, Harrop JS, Sharan AD, Ratliff JK, Hurlbert RJ, Anderson P, Aarabi B, Sekhon LHS, Gahr R and Carrino JA: The Influence of Fracture Mechanism and Morphology on the Reliability and Validity of Two Novel Thoracolumbar Injury Classification Systems. *Spine*. 32(7):791-795, 2007
87. Sekhon LHS, Sears W and Lynch JJ: Surgical management of traumatic thoracic spondyloptosis: review of 2 cases. *J Clin Neurosci*: 14: 775-777, 2007
88. Lee J, Vaccaro AR, Schweitzer KM, Lim M, Baron E, Rampersaud R, Oner FC, Hurlbert JR, Hedlund R, Fehlings M, Arnold P, Harrop J, Bono C, Anderon P, Patel A, Anderson DG, Harris M, the Spine Trauma Study Group: Assessment Of Injury To The Posterior Ligamentous Complex In The Setting Of Normal Appearing Plain Radiography. *The Spine Journal*, 7(4): 422-427, 2007
89. Vaccaro AR, Hurlbert RJ, Fisher C, Dvorak M, Patel AP, Lehman RA, Anderson PA, Harrop J, Oner FC, Arnold P, Fehlings MG, Hedlund R, Madrazo I, Rehtie G, Aarabi B, Shainline M, and the Spine Trauma Study Group: The Sub-Axial Cervical Spine Injury Classification System (SLIC): A Novel Approach To Recognize The Importance Of Morphology, Neurology And Integrity Of The Disco-Ligamentous Complex. *Spine*, Volume 32, Number 21, pp 2365–2374, 2007
90. Ratliff J, Anand N, Vaccaro AR, Lim MR, Lee JY, Anronld P, Harrop JS, Rampersaud YR, Bono CR, Gahr R, and the Spine Trauma Study Group: Regional Variability In Use Of Novel Assessment Of Thoracolumbar Spine Fractures: United States Versus International Surgeons. *World Journal of Emergency Surgery*, 2:24, 2007

91. Patel AA, Dailey A, Brodke DS, Daubs M, Anderson PA, Hurlbert RJ, Vaccaro AR; Spine Trauma Study Group: Subaxial cervical spine trauma classification: the Subaxial Injury Classification system and case examples. *Neurosurg Focus* 25 (5):E8, 2008
92. Sekhon LHS, Tomlinson A, Allen A, Lynch JJ, Hurlbert JR: Immediate postoperative complications and radiological features of interbody fusion between INFUSE BMP and Actifuse: A randomized prospective trial. *The Spine Journal*, 9 (10S): 32S-33S, 2009
93. Buchowski JM, Anderson PA, Sekhon L, Riew KD: Cervical disc arthroplasty compared with arthrodesis for the treatment of myelopathy. *J Bone Joint Surg Am Suppl* 2(2): 223-232, 2009
94. Kwon BK, Sekhon LH, Fehlings MG: Emerging Repair, regeneration, and translational research advances for spinal cord injury *Spine* 3(21S), S263-S270, 2010
95. Wood K, Bono C, Sekhon L, et al: Post-traumatic kyphosis: current state of diagnosis and treatment: results of a multinational survey of spine trauma surgeons. *J Spinal Disord Tech* Oct; 23(7): e1-8, 2010
96. Sekhon LHS: Disc Replacement: Postoperative imaging. *Semin Spine Surg* 24:57-70, 2012
97. Schweitzer KM Vaccaro AR Harrop JS, Hurlbert RJ, Carrino JA, Rehtine GR, Schwartz DG, Alanay A, Sharma DK, Anderson DG, Lee JY, Arnold PM, and the Spine Trauma Study Group: Inter-Rater Reliability Of Identifying Indicators Of Posterior Ligamentous Complex (PLC) Disruption When Gross Abnormalities Are Absent From Plain Film Radiographs. (*submitted: The Spine Journal*)
98. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. (*submitted, Spine*)
99. Sekhon LHS, Tomlinson A, Allen BJ and Hurlbert JR: Immediate postoperative complications and radiological features of interbody cervical fusion using rhbmp-2 versus actifuse : a randomized prospective trial. (*submitted The Spine Journal*)

(II) BOOK CHAPTERS

1. Sekhon LHS and Morgan MK: "Spinal cord compression" in Harnet P, Cartmill J and Glare P: Oncology- A Case Based Manual. Oxford University Press, Sydney 1999, pp. 46-47
2. Sekhon LHS and Morgan MK: "Primary brain tumour" in Harnet P, Cartmill J and Glare P: Oncology- A Case Based Manual. Oxford University Press, Sydney 1999, pp.163-165
3. Sekhon LHS and Morgan MK: "Intramedullary spinal cord tumours" in Harnet P, Cartmill J and Glare P: Oncology- A Case Based Manual. Oxford University Press, Sydney 1999, pp.165-166
4. Blum P, Sekhon LHS: "Carpal tunnel decompression" in Kaye AH and Black PMcL, Operative Neurosurgery. Churchill Livingstone, Sydney, 2000, pp. 2125-2140

5. Fehlings MG and Sekhon LHS: "Cellular, ionic and biomolecular mechanisms of the injury process" in Tator CH and Benzel EC, Contemporary Management of Spinal Cord Injury. American Association of Neurological Surgeons, Baltimore, 2000, pp.33-50
6. Fehlings MG and Sekhon LHS: "Restoration of Spinal Cord Function" in Fardon F et al: Orthopaedics Knowledge Update: Spine 2. American Academy of Orthopaedic Surgeons, Chicago, 2002
7. Fehlings MG and Sekhon LHS: "Spinal cord injury: update" in Harris M: Seminars in Spine Surgery, W.B. Saunders Company, Philadelphia, 2002
8. Sekhon LHS, Sears W and Yeo J: "Epidemiology, Demographics and Principles of Pre-Hospital Care" in Rengachary SS, Macuinas RJ and Wilkins RH: Neurosurgery, McGraw-Hill, New York, 2003
9. Sekhon LHS and Fehlings MG: "Do I need to decompress patients with spinal cord injury right away?" in Valadka AB and Andrews BT: Neurotrauma: Evidence-based Answers to Common Questions, Thieme Medical Publishers, New York, 2005, pp.223-226
10. Assad N and Sekhon LHS: "C2 Fractures: Odontoid" in Vaccaro A and Anderson P: Cervical Spine Trauma, Rothman Institute, Philadelphia, 2009
11. Haid R, Sekhon LHS and Mummaneni P: "Revision strategies for failed cervical arthroplasty" in Vaccaro A, Papadopoulos S, Traynelis V, Haid RW and Sasso RC: Spinal Arthroplasty: The Preservation of Motion, 2007, pp377-383
12. Kuklo TR, Bono CM, Dimar JR, Rauschnig WE, Vaccaro AR: Spine Trauma Radiographic Measurement Manual. Spine Trauma Study Group. 2007
13. Ball J and Sekhon LHS: "Cervical Arthroplasty with Myelopathy" in Yue JJ, Bertagnoli R, McAfee P, and An H: Motion Preservation Surgery of the Spine Advanced Techniques and Controversies, Saunders Elsevier, New York, 2008, pp 742-750
14. Sekhon LHS: "Thoracolumbar burst fractures: assessing stability and methods of treatment" in Vaccaro AR, Fehlings MG, Dvorak, M: Management Of Spine And Spinal Cord Trauma: An Evidence Based Analysis , Thieme Medical Publishers, 2010
15. Buchowski, JM, Sekhon LHS, Yoon, D-H, Nunley PD, Heller, JG, Anderson PA, Sasso RC and Riew DK: Adverse Events of Cervical Arthroplasty. In Techniques in Orthopedics, 2010

(III) ABSTRACTS

1. Sekhon LHS, Spence I and Morgan MK: Impaired hippocampal long-term potentiation in the chronic hypoperfusion model of the rat. *Proc. Aust. Neuroscience Soc.* 4: 87, 1993
2. Sekhon LHS, Spence I and Morgan MK: Altered hippocampal structure and function in the chronic hypoperfusion model of the rat. *Proceeds of the Xth*

International Congress of Neurological Surgery: 39, 1993

3. Sekhon LHS, Spence I and Morgan MK: Alterations in hippocampal structure in the chronic hypoperfusion model in the rat. *Proc. Aust. Neuroscience Soc.* 5, 1994
4. Sekhon LHS, Spence I and Morgan MK: Chronic cerebral hypoperfusion and impaired neuronal function in the rat. *Proceeds of Annual Scientific Meeting of the NSA*, 29, 1995
5. Sekhon LHS, Morgan MK, Spence I: Alterations in animal behavior in the chronic hypoperfusion model in the rat. *Proc Int. Cerebral Hemo Soc*, 57, 1996
6. Sekhon LHS, Morgan MK, Spence I: Alterations in hippocampal structure in the chronic hypoperfusion model in the rat. *Proc Int Cerebral Hemo Soc*, 38, 1996
7. Sekhon LHS, Morgan MK, Spence I and Weber NC: Chronic cerebral hypoperfusion and temporal analysis of impaired neuronal function in the rat. *Proc Am Assoc Neurol Surgeons 64th Annual Meeting*, 36, 1996
8. Sekhon LHS, Morgan MK, Spence I and Weber NC: Alterations in animal behavior in the chronic hypoperfusion model in the rat. *Proc Am Assoc Neurol Surgeons 64th Annual Meeting*, 37, 1996
9. Sekhon LHS, Morgan MK, Spence I: Alterations in hippocampal structure in the chronic hypoperfusion model in the rat *Proc Am Assoc Neurol Surgeons 64th Annual Meeting*, 65, 1996
10. Sekhon LHS, Spence I and Morgan MK: Pathological consequences of chronic cerebral hypoperfusion in the rat. *Proceeds of Annual Scientific Meeting of the NSA*, 48, 1996
11. Isert P, Stewart A, Sekhon, L. and Crawford M: Changes in brain temperature during forced-air convection cooling of primates. *Proc. Am. Soc. Anesthesiologists Annual Meeting*, 1996
12. Morgan MK, Sekhon LHS, Grinnell V, Sorby W and Finfer S: Delayed neurological deterioration following resection of arteriovenous malformations of the brain. *Proceeds of Annual Scientific Meeting of the NSA*, 28, 1997
13. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Molecular mechanisms of programmed cell death in human cervical spondylotic myelopathy. *Proceeds of the 16th Annual Meeting of the AANS/CNS Joint Section on Disorders of the Spine and Peripheral*, 2000
14. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Role of apoptosis in neuronal and axonal degeneration in cervical spondylitic myelopathy: an immunohistochemical study of human autopsy cases. *Proceeds of the American Association of Neurological Surgeons, 2000 Annual Meeting*, 2000
15. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Role of apoptosis in neuronal and axonal degeneration in cervical spondylotic myelopathy: an immunohistochemical study of human autopsy cases. *Proceeds of the 35th Canadian Congress of Neurological Sciences*, 2000
16. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Molecular mechanisms of cell death in human cervical spondylotic myelopathy: role of FAS and p75 dependent apoptosis. *Proceeds of the 50th Meeting of the Congress of Neurological Surgeons*,

2000

17. Fehlings MG and Sekhon LHS: "Acute interventions in spinal cord injury: what do we know, what should we do?" *Proceeds of the 50th Meeting of the Congress of Neurological Surgeons*, 2000
18. Fehlings MG, Yu WR, Shannon P, Sekhon LHS: Molecular mechanisms of cell death in human cervical spondylotic myelopathy: evidence for apoptosis, death receptor expression and Caspase 3 activation. *Proceeds of the 28th Annual Meeting of the Cervical Spine Research Society*, 2000
19. Sekhon LHS: Methylprednisolone in acute spinal cord injury: arguments for its use. *Proceeds of the 12th Annual Scientific Meeting of the Spine Society of Australia*, 2001
20. Sekhon LHS and Sears W: Spinal metastatic disease: posterior vertebrectomy for high thoracic and cervicothoracic metastatic vertebral tumours. *Proceeds of the XIIIth International Congress of Neurological Surgery*, 2001
21. Sears WR and Sekhon LHS: Surgical management of spinal injury. *Proceeds of ICRAN 2002: International Conference on Recent Advances on Neurotraumatology*, 2002
22. Sekhon LHS: Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 30 Consecutive Cases. *Proceeds of the American Association of Neurological Surgeons, 2003 Annual Meeting*, 2003
23. Sekhon LHS: Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 43 Consecutive Cases. *Proceeds of World Spine II*, 2003
24. Sekhon LHS: Lateral Mass Posterior Cervical Fixation: A Prospective Analysis of 612 Consecutive Screws In 95 Patients. *Proceeds of World Spine II*, 2003
25. Sekhon LHS: Posterior Cervical Decompression And Fusion For Circumferential Spinal Cord Compression: Prospective Review Of 43 Consecutive Cases. *Proceeds of Congress of Neurological Surgeons Annual Meeting, Denver, 2003*
26. Sekhon LHS: Lateral Mass Posterior Cervical Fixation: A Prospective Analysis of 612 Consecutive Screws In 95 Patients. *Proceeds of Congress of Neurological Surgeons Annual Meeting, Denver, 2003*
27. Smith SF, Simpson JM and Sekhon LHS : Changes in relative numbers and survival of oligodendroglial tumours in Northern Sydney neurosurgery units 1980-2002. *Proceeds of COSA, Annual Scientific Meeting, Perth, 2003*.
28. Sekhon LHS and Sears W: Cervical Arthroplasty: Beyond the European and United States FDA Study. *Proceeds of SAS4- Global Symposium on Intervertebral Disc Replacement & Non-Fusion Technology, Vienna, 2004*
29. Sears W, Sekhon L, Duggal N, McCombe, P, Williamson O: Post-operative kyphosis with the Bryan cervical disc prosthesis- contributing factors and the influence of disc space height. *Proceeds of Spine Society of Australia Annual*

Scientific Meeting, Auckland, 2005

30. Sekhon LHS, Sears W and Duggal N: Cervical arthroplasty after previous surgery: report of 15 cases. *Proceeds of SA5- Global Symposium on Motion Preservation Technology*, p.65, New York, U.S.A., 2005

31. Sears W, Sekhon L, Duggal N and Williamson O: Post-operative kyphosis and segmental imbalance with an unconstrained, variable IAR cervical disc prosthesis. *Proceeds of SA5- Global Symposium on Motion Preservation Technology*, p.42, New York, U.S.A., 2005

32. Duggal N, Sekhon LHS and Sears W: Early complications with cervical arthroplasty. *Proceeds of SA5- Global Symposium on Motion Preservation Technology*, p.118, New York, U.S.A., 2005

33. Sekhon LHS: Early fixation of spinal fracture: when to cut. *Proceeds of Neurointensive Care: The Road Ahead. Joint Faculty of Intensive Care Medicine in Association with ANZICS 1ST ASM*, p.163-180, 2005, Sydney, Australia

34. Sekhon LHS, Sears W and Duggal N: Cervical arthroplasty after previous surgery: report of 15 cases. *Proceeds of 12th International Meeting on Advanced Spine Technologies (IMAST)*, #218, Banff, Alberta Canada, 2005

35. Sekhon LHS, Sears W and Duggal N: Cervical arthroplasty after previous surgery: report of 15 cases. *Proceeds of the North American Spine Society 20th Annual Meeting*, Philadelphia, PA, U.S.A., September 2005

36. Sears W, Sekhon L, Duggal N, Williamson O: Postoperative kyphosis and segmental imbalance with an unconstrained, variable I.A.R. cervical disc prosthesis. *Proceeds of the North American Spine Society 20th Annual Meeting*, Philadelphia, PA, U.S.A., September 2005

37. Lynch JJ, Sekhon LHS, Anderson MD, Riew KD, Haid RW, Heller JG, Duggal ND and Seex K: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and PCM cervical arthroplasty devices. *Proceeds of the Cervical Spine Research Society 33rd Annual Meeting*, San Diego, CA, U.S.A., December, 2005

38. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. *Proceeds of the Disorders of the Spine 18th Annual Meeting*, Whistler, Canada, January, 2006

39. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. *Proceeds of SA5- Global Symposium on Motion Preservation Technology*, Montreal Canada, May 9-12, 2006

40. Lynch JJ, Sekhon LHS, Anderson MD, Riew KD, Haid RW, Heller JG, Duggal ND and Seex K: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and PCM cervical arthroplasty devices. *Proceeds of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 22nd Annual Meeting*, Orlando, FL, CA, U.S.A., March 15th- 18th, 2006

41. Sekhon LHS, Anderson MD, Lynch JJ, Riew KD, Haid RW, Heller JG, Duggal ND and Seex K: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and

- PCM cervical arthroplasty devices. *Proceeds of the North American Spine Society 21st Annual Meeting*, Seattle, WA, U.S.A., September 2006
42. Riew KD, Anderson MD, Sekhon LHS, Heller JG: Cervical disc arthroplasty for myelopathy. *Proceeds of the North American Spine Society 21st Annual Meeting*, Seattle, WA, U.S.A., September 2006
43. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. *Proceeds of the North American Spine Society 21st Annual Meeting*, Seattle, WA, U.S.A., September 2006
44. Sekhon LHS, Anderson MD, Lynch JJ, Riew KD, Haid RW, Heller JG, Duggal ND and Seex K: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and PCM cervical arthroplasty devices. *Proceeds of European Cervical Spine Research Society Meeting*, Berlin, Germany, 2006
45. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. *Proceeds of 6th Annual Meeting of the Canadian Spine Society*, Alberta, Canada, 2006
46. Joseph V, Sekhon L, Duggal N, Shenouda E, Choi D, Bertagnoli R, Massicotte E and Fehlings MG: Revision strategies for Cervical Arthroplasty: results of a multi-surgeon international survey. *Proceeds of Congress of Neurological Surgeons Annual Meeting, Chicago, Illinois, 2006*
47. Sekhon LHS, Anderson MD, Lynch JJ, Riew KD, Haid RW, Heller JG, Duggal ND and Seex K: MR imaging clarity of the Bryan, Prodisc-C, Prestige LP and PCM cervical arthroplasty devices. *Proceeds of Congress of Neurological Surgeons Annual Meeting, Chicago, Illinois, 2006*
48. Riew KD, Sekhon LHS, Metcalf N, Sasso R, Anderson PA: Cervical Disc Arthroplasty vs Arthrodesis for Myelopathy: A Prospective, Randomized, Controlled Trial. *Proceeds of the Cervical Spine Research Society 34rd Annual Meeting*, Palm Beach, FL, U.S.A., November 30th- December 2nd, 2006
49. Furlan J, Fehlings MG, Aarabi B, Massicotte EM, Vaccaro AR, Anderson G, Bono C, France J, Madrazo IN, Villanueva C, Sekhon LHS, Grauer J, Arnold PM, Gahr R-H, Mikulis DJ: Quantitative Assessment of Spinal Canal Compromise and Spinal Cord Compression after Traumatic Cervical Spinal Cord Injury Using Digital Imaging: Results of the Spine Trauma Study Group Reliability Study. *Proceeds of the 23rd Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves*, Phoenix, Arizona, March 7th- 10th, 2007, p.58
50. Sekhon LHS, Tomlinson A, Allen B, Lynch JJ, Hurlbert JR: Immediate postoperative complications and radiological features of interbody fusion between INFUSE BMP and Actifuse: A randomized prospective trial. *Proceeds of North American Spine Society 24th Annual Meeting*, November 10th- 14th, 2009, San Francisco, CA, 2009
51. Sekhon LHS, Tomlinson A, Allen B, Lynch JJ, Hurlbert JR: Immediate postoperative complications and radiological features of interbody fusion between

INFUSE BMP and Actifuse: A randomized prospective trial. *Proceeds Cervical Spine Research Society 37th Annual Meeting*, 81,82 December 3rd- 5th, 2009, Salt Lake City, UT

(IV) EDITORIALS AND REVIEWS

1. Morgan MK, Sekhon L, Rahman Z, Dandie G: Letter to the Editor: Morbidity of intracranial hemorrhage in patients with cerebral arteriovenous malformations. *Stroke* 29(9): 2001, 1998
2. Fehlings M. and Sekhon LHS (comments): Dempsey RJ, Baskaya MK and Dogan A: Attenuation of brain edema, blood-brain barrier breakdown and injury volume by ifenprodil, a polyamine site NMDA receptor antagonist, after experimental traumatic brain injury. *Neurosurgery* 47(2): 404-405, 2000
3. Sekhon LHS: Book review on: Filler AG: Do you really need back surgery? *J Clin Neurosci*: 12(6):731. 2005
4. Sekhon LHS: (comments): Choy JY and Sung KH: Complete removal of ossification of the posterior longitudinal ligament in the mid-thoracic spine. *Acta Neurochir (Wien)*: 147: 675–67, 2005
5. Sekhon LHS: Reply to Dickerman et al: Posterior decompression and fusion: dorsal migration of the spinal cord is the key. *J Clin Neurosci*: 2006
6. Sekhon LHS: (comments): Yoon DH, Yi S, Shin HC, Kim, KN, Kim SH: Clinical and radiological results following cervical arthroplasty. *Acta Neurochir (Wien)*: 2006

(V) INDUSTRY

- Consultant for Medtronic Spine & Biologics, 2001-present
- Consultant Stryker Spine, 2002-2006
- Consultant Nuvasive, 2009- 2014
- Medical Advisory Board, Phygen, 2009- 2011
- Treasurer, Kinetic Spine Technologies, 2004-present

(VI) REFERENCES

- Available on request

(VI) PATENTS

Artificial intervertebral spacer

Patent number: 8603176

DYNAMIC PEDICLE SCREW

Application number: 20110295319

Articulating intervertebral disc prosthesis

Patent number: 8057547

FACET JOINT PROSTHESIS

Application number: 20110230913

ARTIFICIAL INTERVERTEBRAL SPACER

Application number: 20110093075

INTERVERTEBRAL DISC PROSTHESIS HAVING BALL AND RING STRUCTURE

Application number: 20110054617

ARTIFICIAL INTERVERTEBRAL DISC

Application number: 20100222885

ARTICULATING INTERVERTEBRAL DISC PROSTHESIS

Application number: 20090138090

Intervertebral implant

Application number: 20080208345

Spinal stabilisation implant

Application number: 20080132954

Artificial vertebral body

Application number: 20080065217

Artificial intervertebral disc

Application number: 20080065216

Spinal implant

Patent number: D676966