

**FARZAD MASSOUDI, M.D., F.A.C.S.**

Medical Director of the Neuroscience and Spine Institute at Mission Hospital  
 President of Orange County Neurosurgical Associates  
 Member, Board of Trustees, Mission Hospital  
 (949) 422-1105 • massoudi@pacbell.net

**SUMMARY OF QUALIFICATIONS**

Possess fifteen years of leadership experience and an extensive record of accomplishments in healthcare. Highly skilled in the critical assessment of the individual and organizational past performances. Adept at developing new business and growth opportunities in an agile management style that evaluates, utilizes and aligns resources to accomplish short-term logistical and tactical successes, so that the organization's long-term strategies and visions are realized.

**Key Strengths Include:**

- **Leadership:** Successfully directed operations, growth and full development of three medical practices and founded first of its kind neuroscience accountable care network of subspecialties. Co-Founded Mission Hospital's Neuroscience and Spine Institute, and was architect of its affiliation with the Cleveland Clinic. As Chief of Staff, embraced hands-on, responsive leadership to achieve the highest levels of patient care, physician satisfaction and medical staff conflict resolution.
- **Team Building:** Created and implemented a work environment and action plans that bridged the divide between the world in which medicine is practiced and the corporate world of healthcare delivery systems. Implemented tactics and strategies to encourage grass root initiatives empowering and inspiring all levels of staff.
- **Innovation / Technology:** Served as an industry pioneer in applying IT solutions to increase efficiency and reduce costs in the subspecialty accountable care network, NeuroTrack. Designed and developed minimally invasive surgical devices that significantly reduced length of spine surgery. Awarded a significant portfolio of patents for implants used in the field of spine surgery.
- **Management Skills:** Established and promoted a hands-on, people-oriented, agile management style fostering grass roots self initiatives and an environment in which others grow and excel. Set policies to empower physicians, nurses and staff as meaningful decision makers.
- **Public Relations:** Thoroughly draw on personal "peer credibility" in the hospital environment. Utilize public relations skills to persuade, motivate and inspire a new generation of supporters and leaders. Restore the goodwill of physicians, nurses and staff towards the hospital system. Rehabilitate the hospital's image and reputation with patients, the legislature and society at large. Recognized as a healthcare delivery expert who has, in the past, successfully removed leadership barriers and achieved collaborative teamwork amongst historically competing and rivaling entities and organizations.

**EDUCATION**

1980-1982	Franklin & Marshall College - Lancaster, PA
1982-1984	<b>B.S. Degree/Biology</b> • University of California, Irvine
1986-1987	<b>M.S. Degree/Physiology</b> • Georgetown University - Washington, DC
1987-1991	<b>M.D. Degree</b> • Georgetown University - Washington, DC
1991-1992	<b>Internship in General Surgery</b> • UCLA Medical Center - Los Angeles, CA
1992-1998	<b>Resident in Neurosurgery</b> • UCLA Medical Center - Los Angeles, CA

**CERTIFICATIONS**

- Diplomate of the American Board of Neurological Surgery
- Fellow of the American College of Surgeons
- DEA Controlled Substance Registration
- American Board of Neurological Surgery Written Examination
- National Medical Board of Examiners Tests: Parts I, II, III
- California Medical License
- Catholic Formation

***Continued . . .***

**CLINICAL AND HEALTHCARE AREAS OF INTEREST & EXPERTISE**

- Frameless Stereotactic Radiosurgery and Spinal Radiosurgery
- Creation and Implementation of Agile Management Programs
- Creation and Implementation of Value Based Metrics Driven Networks of Patient Care
- Minimally Invasive Spine Surgery
- General Adult Neurosurgical Practice
- Minimally Invasive Craniotomies

**PAST/CURRENT PROFESSIONAL SOCIETY MEMBERSHIPS**

- American College of Surgeons
- Congress of Neurological Surgeons
- American Association of Neurological Surgeons
- North American Spine Society

**POST-GRADUATE TRAINING**

- ◆ Subspecialty Training in Radiosurgery: Antonio DeSalles, M.D., Ph.D.
- ◆ Clinical Apprenticeship in Functional & Stereotactic Neurosurgery: Antonio DeSalles, MD, Ph.D.
- ◆ Research Fellowship in Brain Repair in Alzheimer's Disease Model
- ◆ Lumbar Interbody Fusion Techniques Course: Phoenix, AZ
- ◆ Seminar & Hands-On Course in Spinal Frameless Navigational Techniques: San Diego, CA
- ◆ Spinal Instrumentation Hands-On Course with Dr. Kevin Foley: Memphis, TN
- ◆ Preceptorship in Surgical Management of Pain with Dr. Claudio Feler, M.D.: Memphis, TN
- ◆ Course Certification in Vertebroplasty: San Diego, CA
- ◆ Course Certification in Artificial Disc: Cincinnati, OH
- ◆ Course Certification in Minimally Invasive Treatment of Lumbar Spinal Stenosis, X-Stop
- ◆ Catholic Formation

**PROFESSIONAL HISTORY****FOUNDER / MEDICAL DIRECTOR • Neuroscience & Spine Institute (NSI)  
Mission Hospital - Mission Viejo, CA**

Created a vision to provide world-class brain and spine medical and surgical care. Established effective policies and procedures for patient care. Formulated affiliation with the Cleveland Clinic and participated in the technical and architectural design of the \$185 million NSI facility. Acquired instruments and equipment. Selected physicians and other staff. (2008 to Present)

- Worked closely with Board Members, the Executive Team and community leaders during each stage of development, construction and the opening of the Institute.
- Market and promote the Institute through community outreach, TV, radio and newspaper coverage.
- The Institute is now recognized as one of the most advanced, prolific and profitable segments of Mission Hospital.

**CEO / FOUNDER / CHIEF MEDICAL OFFICER • NeuroTrack- Laguna Hills, CA**

Founded this organization that provides accountable care, by controlling and reducing costs, improving the quality of care, and increasing patient and physician satisfaction by as much as 40%. Maintain a network of 19 neurosurgeons and orthopedic surgeons caring for 500K global risk patients and overseeing quality and outcomes of 2,500 surgeries performed annually. (2011 to Present)

- Develop performance based clinical/medical metrics and payment structures.
- Saved \$23 million over two years.
- Direct the COO, CIO, a 6-person Advisory Board, Case Managers and Software Engineers.
- NeuroTrack is currently being evaluated for wider regional and national implementation.

**Continued . . .**

**PROFESSIONAL HISTORY** (Continued)**CHIEF OF STAFF • Mission Hospital - Mission Viejo, CA**

Responsibilities included evaluation and clinical performance of medical staff, quality reviews and credentialing of physicians/surgeons. Collaborated with hospital administration on strategic plans pertaining to medical staff and hospital growth. (2010 to 2011)

- Formed and chaired a Blue Ribbon Commission which successfully resolved call coverage and compensation issues.
- Launched the Meditech ERM & CPOE System.
- Restructured medical staff banking system.
- Instituted paperless staff meetings and a Directory Desk.
- Served on the Mission Hospital's Board of Trustees since 2011.

**CO-FOUNDER / PRESIDENT • Orange County Neurosurgical Associates  
Laguna Hills & Mission Viejo, CA**

Established this well-respected group of 6 neurosurgeons which started as an independent practice in 2000. Supervised a staff of 14, including Office Managers, nurses, technicians and clerical support staff.

- Performed 6,144 operations as of 5/1/2015 including 1,904 brain surgeries, 3,567 spine surgeries and 673 peripheral nerve surgeries.
- Consistently receive 4 to 5 star patient reviews for more than 150 reviews on Vitals.com.
- Began practice in 1998 with the Neurological Clinic Medical Group in Laguna Hills, followed by the Massoudi Neurosurgical Medical Group in Laguna Hills (2000), then Massoudi & Jackson Neurosurgical Medical Associates in Laguna Hills (2003) and presently Orange County Neurosurgical Associates. (2007 to Present).

**FOUNDER & MEDICAL DIRECTOR • Eastbluff Medical Walk-in & Urgent Care  
Newport Beach, CA**

Grew this clinic from an initial start-up concept to a high-volume operation treating over 1,500 walk-in patients per month. Hired and managed a team of 10 physicians, 6 PA's, 10 FO's and MA's, and 5 support staff. (2008 to 2013)

- Set up a Community Outreach Program to serve local school athletic programs, immunization programs and half-way houses.
- Provided preventive health care and wellness programs that included community screening exams, wellness checks and dietary/weight loss education.
- Became a trendsetter in being one of the first medical practices to be paperless and launching the eClinicalWorks EMR system.
- Earned a 5-Star Patient Rating.

**VOLUNTEER ACTIVITIES**

Mission Hospital Fundraisers

ER & Trauma Services for the Indigent

Presentations to School Groups on Sports-Related Concussions

***Multi Lingual: English, Spanish and Farsi***

***References:*** Available upon Request

***Research, Publications, Presentations & Patents:*** See Attached Addendums

# **Farzad Massoudi, M.D., F.A.C.S.**

## *Research Experience*

### **Undergraduate Research: University of California at Irvine**

- Prokaryotic Biochemical Genetics: A Gene Transportation Model for Sterility in *Neurospora Crassa* at UCI Biogenetics Laboratory

### **Graduate Research: Georgetown School of Medicine**

- Master's Thesis on the Study of the Effects of Atrial Natriuretic Factor on the Renal Tubular Salt Transport

### **Medical School Research: Georgetown School of Medicine**

- Central Nervous System Regeneration and Transplantation Studies in the Department of Neuroanatomy
- Pharmacological and Histological Studies of Muscarinic Receptors in the Septo-Hippocampal Pathway at the Department of Pharmacology

### **Post Graduate Research: UCLA Division of Neurosurgery**

- 1995        Studies on Interlukin and Tumor Growth Factor Beta Mediated Effects in Preventing the Growth of Implanted Gliosarcoma Cell Line in the Rat Brain at the Brain Research Institute
- 1995        Studies in the Application of Magnetic Resonance Spectroscopy to the In-Vivo Study of the Biological Behavior of Pediatric Brain Tumors: Section of Pediatric Neurosurgery
- 1995        Studies on Endovascular Treatment of Experimentally Constructed Carotid Artery Aneurysms Using A New Generation of Highly Adhesive GDC Coils in the Swine Animal Model, UCLA Division of Interventional Neuroradiology, UCLA School of Medicine
- 1997-98    Neuroprotective and Neurorestorative Effects of Glial Cell-Derived Neurotrophic Factor in Experimentally Induced Lesions of the Nigrostriatal Pathways in Non-Human Primates
- 1997-98    Microtransplantation of Genetically Engineered Autologous Fibroblast Cell Suspensions into the Striatum of MPTP Lesioned Non-Human Primates
- 1997-98    Isolation and Characterization of Non-Human and Human CNS Stem Cells
- 1997-98    Characterization of the Cell Culture Conditions Necessary for Sustaining the Growth of Stem Cells in Non-Human and Human Subjects

### **Post Graduate Research**

- Evaluation of the CyberKnife(AKA the neurotron 1000) Precision Radiation Delivery System for metastatic cancer of the spine. Effective date: July 18, 2000
- Cyberknife radiosurgery investigational protocol for patients with intractable lumbosacral radiculitis. Effective date: July 21, 2003

## **Farzad Massoudi, M.D., F.A.C.S.**

### *Publications*

1. *The Influence of Astrocytes and Extracellular Matrix Components on Axonal Regeneration in the Mammalian CNS.* F. Massoudi MD. NIH Archives of Biomedical Research. Volume 14. 1988. Grant #: RR0536
2. *CNS Axonal Regeneration is Influenced by Transplants of Matrix Filled Polymer Tubes.* F. Massoudi MD, J. Collins, L. Kromer. Journal of Society for Neuroscience. 10:64. September 1989
3. AANS 1998 Abstract: *Long-Term Follow-Up of Radiosurgical Treatment of Cavernous Sinus Meningiomas.* F. Massoudi, MD, Antonio DeSalles, MD, Ph.D.
4. AANS 1998 Abstract: *Implantation and Deplantation of Vagus Nerve Stimulators are Efficacious and Safe Forms of Treatment for Patients with Intractable Epilepsies.* F. Massoudi, MD, Antonia DeSalles, M.D, Ph.D. S.G. Chenery,
5. F. Massoudi, A. Desalles, D.M. Davis, H.H. Chehabi, J.P. Wensel, J. Adler. *Clinical Experience with the CyberKnife at Newport Radiosurgery Center.* In Radiosurgery 1999, D. Kondziolka, ed., Karger (Basel, 2000) vol3, pp.34-40
6. International Society for Neurosurgical Technology and Instrument Inventors Abstract May 1999: *CyberKnife Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia: First Worldwide Clinical Series Report.* F. Massoudi, A. Desalles, S.G. Chenery, D.M. Davis, H.H. Chehabi
7. Western Neurosurgical Society Abstract October 2002: *Clinical and Radiosurgical Outcomes in Frameless Radiosurgical Treatment of Intracranial and Extracranial Metastatic Tumors,* F. Massoudi, S.G. Chenery, D.M. Davis, H.H. Chehabi.
8. Western Neurosurgical Society Abstract 2003, *Safety and Efficacy of the Lateral Extrapedicular Approach of Percutaneous Vertebroplasty in the Treatment of Compression Fractures:* F. Massoudi, R.J. Jackson
9. CyberKnife Society Abstract January 2005: *CyberKnife Clinical Outcomes in Trigeminal Neuralgia: A Single Center Five Year Experience,* F. Massoudi, S.G. Chenery, J. Cherlow, S. Damore, H.H. Chehabi.
10. CyberKnife Society Abstract January 2005: *First World Wide Case Report of Single Fraction CyberKnife Radiosurgical Treatment of Intractable Glossopharyngeal Neuralgia,* F. Massoudi, S.G. Chenery, J. Cherlow, H.H. Chehabi

## **Farzad Massoudi, M.D., F.A.C.S.**

### *Lectures & Presentations*

1. Invited Speaker, “ *The Effects of Transplanted Growth Matrices on CNS Regeneration*”, Annual Meeting, Society for the Neurosciences, Washington D.C., October 1989
2. Invited Speaker, “ *Transplantation and Neural Grafting in CNS Regeneration Studies*”, Georgetown School of Medicine Grand Rounds, April 1990
3. Invited Speaker, “ *Congenital Anomalies of the Brain*”, Pediatric ICU Nursing Conference, Los Angeles, CA, July 1993
4. Invited Speaker, “*The Role of Surgical Resection in the Treatment of Brain Astocytomas*”, UCLA Brain Tumor Awareness Conference, October 1997
5. Invited Speaker, “ *CNS Neural Repair*”, UCLA Symposium: Advances in Neurosurgery, Los Angeles, CA, October 1997
6. Faculty Instructor, *Advanced Image Guided and Stereotactic Neurosurgery Conference and Workshop*, UCLA, February 1998
7. Invited Speaker, “ *Advances in and Treatment of Alzheimer’s Disease*”, Iranian Senior Citizens Society, Irvine, CA, November 1998
8. Invited Speaker, “*Medical and Surgical Treatments of Stroke*”, Irvine Medical Center, Irvine, CA, January 1999
9. Continuing Medical Education Speaker, “ *Advances in Radiosurgery*”, Irvine Medical Center, Irvine, CA, March 1999
10. Continuing Medical Education Speaker, “*Recent Advances in Surgical and Nonsurgical Treatment of Brain Gliomas*”, Mission Hospital Regional Medical Center, Mission Viejo, CA, April 1999
11. F. Massoudi, A. DeSalles, S.G. Chenery, D.M. Davis, H.H. Chehabi, *CyberKnife Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia: First Worldwide Clinical Series Report*. International Society for Neurosurgical Technology and Instrument Inventors (ISNTii), Las Vegas, April 29-May 2, 1999
12. Invited Speaker, “ *Advances in Frameless Radiosurgery*” at the Arab-American Medical Society Meeting, Four Seasons Hotel, Newport Beach, CA , September 1999
13. Continuing Medical Education Speaker, “*Medical and Surgical Treatments of Spinal Stenosis: Diagnosis, Treatment and Patient Outcome*”, Saddleback Memorial Medical Center, Laguna Hills, CA, February 2000
14. Invited Speaker, “*Classifications of Headaches*”, Florence Sylvester Senior Center, Laguna Hills, CA, August 2000
15. F. Massoudi, A. De Salles, S.G. Chenery, D.M. Davis, H.H. Chehabi, *Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia: First Worldwide Clinical Series Report*. 46<sup>th</sup> Annual Meeting, The Western Neurosurgical Society, Kohala Coast, Hawaii, September 9-11, 2000
16. Continuing Medical Education Speaker, “*The Role of Radiosurgery in the Treatment of Neurosurgical Patients: A Guide for the Referring Physician*”, South Coast Medical Center, Laguna Beach, CA, October 2000
17. Invited Speaker, “*Treatment and Advances in Alzheimer’s Disease*”, Saddleback Memorial Medical Center, Community Health Program, Laguna Hills, CA, October 2000

18. S.G. Chenery, F. Massoudi, A. DeSalles, D.M. Davis, H.H. Chehabi, *Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia: First Worldwide Clinical Series Report*. Linac Radiosurgery 2000, Lake Buena Vista, FLA, December 6-10, 2000
19. S. G. Chenery, F. Massoudi, D.M. Davis, A. DeSalles, H.H. Chehabi, *Clinical and Radiosurgical Outcomes in Frameless Radiosurgical Treatment of Intracranial and Extracranial Metastatic Tumors*. Linac Radiosurgery 2000, Lake Buena Vista, FLA, December 6-10, 2000.
20. Invited Speaker, "*Vertebroplasty & Other Spine Strengthening Techniques*", Saddleback Memorial Medical Center, Community Health Program, Laguna Hills, CA, December 19, 2000.
21. Continuing Medical Education Speaker, "*Failed Back Syndrome*", Saddleback Memorial Medical Center, Laguna Hills, CA, January 7, 2001
22. Invited Speaker, "*An Overview of Osteoporosis: Medical & Surgical Treatments*", Saddleback Memorial Medical Center, Community Health Program, Laguna Hills, CA, January 11, 2001
23. Invited Speaker, "*Brain Tumors & Pituitary Tumors*", Mission Hospital Regional Medical Center, Neuroscience Nursing Staff, Mission Viejo, CA, February 2, 2001
24. Continuing Medical Education Speaker, "*Medical & Surgical Treatments of Spinal Stenosis: Diagnosis, Treatment and Patient Outcomes*", St. Joseph Hospital, Orange, CA, February 16, 2001
25. Continuing Medical Education Speaker, "*Medical & Surgical Treatment of Spinal Stenosis: Diagnosis, Treatment and Patient Outcomes*", Mission Hospital Regional Medical Center, Mission Viejo, CA, March 20, 2001
26. Invited Faculty, *Practical Clinic on Radiosurgery for Malignant Brain Tumors (Gliomas and Metastases)*, 70<sup>th</sup> Annual Meeting, American Association of Neurological Surgeons (AANS), Toronto, Canada, April 6-10, 2001
27. F. Massoudi, S.G. Chenery, A. De Salles, D.M. Davis, H.H. Chehabi, *Frameless Radiosurgical Treatment of Trigeminal Neuralgia: First worldwide Clinical Series Report*, 70<sup>th</sup> Annual Meeting, American Association of Neurological Surgeons, Accuray Exhibit, Toronto, Canada, April 6-10, 2001
28. Invited Speaker, "*Brain Attack*", Saddleback Memorial Medical Center, Community Health Program, Laguna Hills, CA, May 10, 2001
29. Invited Speaker, "*Neurosurgery in the New Millennium: The Role of Radiosurgery*", Iranian Medical Society, Newport Beach, CA, August 23, 2001
30. Invited Faculty, *Vertebroplasty and Kyphoplasty: Indication & Outcomes*, 51<sup>st</sup> Annual Meeting, Congress of Neurological Surgeons, Luncheon Seminar, San Diego, CA, October 3, 2001
31. Invited Speaker, "*Brain Attack*", Brighton Gardens Senior Living Center, San Juan Capistrano, CA, October 2001
32. Invited Speaker, "*Chronic Back Pain That Won't Let Up*", Saddleback Memorial Medical Center, Community Health Program, Laguna Hills, CA, October 24, 2001
33. Invited Speaker, "*New Techniques in Osteoporosis: Vertebroplasty*", Florence Sylvester Senior Center, Laguna Hills, CA, November 20, 2001
34. Continuing Medical Education Speaker, "*Minimally Invasive vs. Complex Spine Surgery*", Saddleback Memorial Medical Center, Laguna Hills, CA March 23, 2002

35. Invited Speaker, "*Expanding Radiosurgery using CyberKnife with DTS*", 71<sup>st</sup> Annual Meeting, American Association of Neurological Surgeons (AANS), Accuray Exhibit, Chicago, IL, April 7-10, 2002
36. Invited Speaker, "*New Techniques in Osteoporosis: Vertebroplasty*", Palmia Senior Living Center, Mission Viejo, CA, April 16, 2002
37. Invited Speaker, Osteoporosis/Vertebroplasty Seminar, Villa Valencia Senior Living Center, Laguna Hills, CA, May 14<sup>th</sup>, 2002
38. Invited Speaker, "Medical and Surgical Treatments of Osteoporosis", Leisure World Retired Nurses Luncheon, Laguna Woods, CA, May 26, 2002
39. Continuing Medical Education Speaker, "*The Role of Radiosurgery in the Treatment of Neurosurgical Patients: A Guide for the Referring Physician*", St. Joseph Hospital, Orange, CA, June 17, 2002
40. Invited Speaker, "*Minimally Invasive Surgical Treatments of the Spine*", South Coast Medical Center, Nursing Staff In-Service, Laguna Beach, CA, September 5, 2002
41. F. Massoudi, S.G. Chenery, A. DeSalles, D.M. Davis, H.H. Chehabi, *Clinical and Radiosurgical Outcomes in Frameless Radiosurgical Treatment of Intracranial and Extracranial Metastatic Tumors*, 48<sup>th</sup> Annual Meeting, Western Neurosurgical Society, Victoria, British Columbia, Canada, October 12-15, 2002
42. Invited Speaker, "*Neurosurgery in the New Millennium: Advancements in Cranial and Spinal Radiosurgery*", Newport Diagnostic Center Radiosurgery Seminar, Newport Beach, CA, October 22, 2002
43. Continuing Medical Education Speaker, "*Advances in the Neurosurgical Treatment of Intracranial and Spinal Tumors*", South Coast Hospital, Laguna Beach, CA, October 29, 2002
44. Invited Speaker, "*Clinical Experience With CyberKnife at Newport Diagnostic Center*", 2<sup>nd</sup> Annual Accuray, Inc. User's Meeting, Napa, CA, November 14-17, 2002
45. F. Massoudi, S.G. Chenery, H.H. Chehabi, *Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia- Series Report*, Fourth National Trigeminal Neuralgia Association Conference, San Diego, CA, November 14-17, 2002
46. Invited Speaker, "*CyberKnife, Frameless Stereotactic Radiosurgery*", KRLA Smart Talk Radio, Los Angeles, CA, hosted by Dr. Eugene Steiner, December 16, 2002
47. Continuing Medical Education Speaker, "*Neurosurgery in the New Millennium: Advances in Cranial and Spinal Radiosurgery*", Saddleback Memorial Medical Center, Laguna Hills, CA, January 8, 2003
48. Invited Speaker, "*Medical and Surgical Treatments in Osteoporosis*", South Coast Medical Center, Community Health Program, Laguna Beach, CA, February 26, 2003
49. Invited Speaker, "*New, Minimally Invasive Neurosurgical Techniques*", Villa Valencia Senior Living Facility, Laguna Hills, CA, March 6, 2003
50. Invited Speaker, "*Treatment of Trigeminal Neuralgia with Cyberknife Radiosurgery*", Irvine Renaissance Senior Facility Orange County Chapter of the Trigeminal Neuralgia Support Group, Irvine, CA March 29<sup>th</sup>, 2003
51. F. Massoudi, S.G. Chenery, A. DeSalles, DM Davis, H.H. Chehabi, *Frameless Stereotactic Radiosurgical Treatment of Trigeminal Neuralgia: First Worldwide Clinical Series Report*. 71<sup>st</sup> Annual Meeting, American Association of Neurological Surgeons, Accuray Exhibit, San Diego, CA, April 6-10, 2003



52. Invited Speaker “*Understanding Osteoporosis*”, Saddleback Memorial Medical Center, Just for Women Luncheon, Laguna Hills, CA, April 26, 2003
53. Invited Speaker, CyberKnife Workshop, The Wellness Community of Orange County, Santa Ana, CA August 16, 2003
54. F. Massoudi, R.J. Jackson, *Safety and Efficacy of the Lateral Extrapedicular Approach of Percutaneous Vertebroplasty in the Treatment of Compression Fractures*, 49<sup>th</sup> Annual Meeting, The Western Neurosurgical Society, Hapuna Beach Prince Hotel, Hawaii, September 20-24, 2003
55. Continuing Medical Education Speaker, “*Recent Advances in Radiosurgery*”, Citrus Valley Medical Center, Inter-Community Campus, West Covina, CA, October 7<sup>th</sup>, 2003
56. Continuing Medical Education Speaker, “*Recent Advances in Radiosurgery*”, Mission Hospital Regional Medical Center, Mission Viejo, CA, October 14<sup>th</sup>, 2003
57. Invited Speaker, “*Correlative Neuroanatomy*”, Guest Lecturer, Saddleback College, Mission Viejo, CA October 15, 2003
58. Continuing Medical Education Speaker , “*The Role of Radiosurgery in the Head & Neck*”, UCI, Department of Otolaryngology-Head and Neck Surgery, UCI Medical Center, October 22, 2003
59. Invited Faculty, *Brain Tumors*, Continuing Medical Education Program for the Mission Hospital ICU and Critical Care Nursing Staff, Mission Viejo, CA, October 23, 2003
60. Invited Speaker, *CyberKnife Radiosurgery*”, Y-ME National Breast Cancer Organization, Santa Ana, CA November 4<sup>th</sup>, 2003
61. Invited Speaker, “*Treatment of Radiculopathy Using CyberKnife Radiosurgery*”, 3<sup>rd</sup> Annual Worldwide CyberKnife Users Meeting, Silverado Resort, Napa, CA, November 13-16, 2003
62. Invited Speaker, *New Minimally Invasive Techniques in Neurosurgery*”, Neuropsychiatric Medical Group Monthly Meeting, Western Medical Center, Santa Ana, CA, January 22, 2004
63. Invited Faculty , *Vertebroplasty: Present and Future*, Spinal Skeletal Solutions, A Global Perspective, Grand Wailea, Maui, Hawaii, January 27-30, 2004
64. Invited Faculty , *Correlative Neuroanatomy*, Saddleback College, Mission Viejo, CA, March 10, 2004
65. Invited Speaker “*The Treatment Applications for CyberKnife Radiosurgery*”, Trigeminal Neuralgia Support Group, Renaissance Senior Living Facility, Irvine, CA, March 27, 2004
66. Continuing Medical Education Speaker, “*Minimally Invasive vs. Complex Spine*”, Mission Hospital Regional Medical Center, Grand Rounds, Mission Viejo, CA, April 6, 2004
67. Guest Speaker, “*Recent Advances in the Treatment of Brain Injury*”, Brain Injury Support Group, Saddleback Hospital, Laguna Hills, CA, May 6, 2004
68. Continuing Medical Education Speaker, “*New Minimally Invasive Techniques in Neurosurgery*”, San Clemente Hospital Special Lecture, San Clemente, CA, June 23, 2003
69. Guest Speaker, “*Treatment of Headaches*”, Saddleback Hospital Community Lecture, Saddleback Memorial Medical Center, Laguna Hills, CA, June 24, 2004
70. Continuing Medical Education Speaker, “*Radiosurgery in the New Millennium*”, Saddleback Memorial Medical Center Special Presentation, Shady Canyon Golf Club, Irvine, CA, September 23, 2004

71. F. Massoudi, S.G. Chenery, J. Cherlow, S. Damore, H.H. Chehabi, *CyberKnife Clinical Outcomes in Trigeminal Neuralgia: A Single Center Five Year Experience*, Cyberknife Society 4<sup>th</sup> Annual User's Meeting, Half Moon Bay, CA, January 27-30, 2005
72. F. Massoudi, S.G. Chenery, J. Cherlow, H.H. Chehabi, *The First World Wide Case Report of Single Fraction CyberKnife Radiosurgical Treatment of Intractable Glossopharyngeal Neuralgia*, CyberKnife Society 4<sup>th</sup> Annual User's Meeting, Half Moon Bay, CA, January 27-30, 2005
73. Continuing Medical Education Speaker, "*Artificial Discs*", Mission Hospital Regional Medical Center, Mission Viejo, CA, May 3<sup>rd</sup>, 2005
74. Continuing Medical Education Speaker, "*The Role of Radiosurgery in the Treatment of Neurosurgical Patients*", Coastal Communities Hospital, Costa Mesa, CA, November 8<sup>th</sup>, 2005
75. Invited Speaker, "*Frameless Radiosurgical Technique and its Application in the Treatment of Trigeminal Neuralgia*", International Brain Mapping and Itra-operative Surgical Planning Symposium, Pasadena, CA November 17-19<sup>th</sup>, 20005
76. Invited Speaker, "*CyberKnife Radiosurgery in the Treatment of Trigeminal Neuralgia*", Trigeminal Neuralgia Support Group, Hoag Hospital, Newport Beach, CA. April 8<sup>th</sup>, 2006
77. Continuing Medical Education Speaker, "*Image- Guided Neurosurgery: Advances in Minimally Invasive Surgical Techniques*", Mission Hospital Regional Medical Center, Mission Viejo, CA, April 11, 2006
78. Continuing Medical Education Speaker, "*Advances in the Treatment of Spinal Stenosis*", Bristol Park Medical Group, Costa Mesa, CA, July 11<sup>th</sup>, 2006
79. Continued Speaking Engagements Available Upon Request

## **Farzad Massoudi, M.D., F.A.C.S.**

### *Faculty Appointments & Committee Offices*

1/88-6/88	Neuroanatomy Lab Instructor: Georgetown School of Medicine
7/93-12/93	Neuroanatomy Instructor and Faculty Member: Mount St. Mary's College, Los Angeles, CA
1998-2005	Assistant Clinical Professor of Neurosurgery, UCLA School of Medicine
1999-2002	Co-Chairman: Memorial Care Ortho/Neuro Initiative Development Committee
2000-2006	Chairman Neurosurgery Sub-Section at Mission Hospital Regional Medical Center
2004-Present	Board of Directors: International Brain Mapping and Intra-Operative Surgical Planning Symposium
2005-2007	Treasurer: International Brain Mapping & Inter-Operative Surgical Planning Symposium
2005-Present	Co-Medical Director, Neuroscience Center, Mission Hospital Regional Medical Center
2005-Present	Co-Chairman: Memorial Care Ortho/Neuro Initiative Development Committee
2013-Present	Medical Director, Neuroscience & Spine Institute, Mission Hospital Regional Medical Center
2006-2009	Chairman, Department of Surgery, Mission Hospital Regional Medical Center
2007-Present	President, Orange County Neurosurgical Associates
2009	Secretary Treasurer, Medical Staff, Mission Hospital Regional Medical Center
2010	Chief of Staff Elect, Mission Hospital Regional Medical Center
2011	Chief of Staff, Mission Hospital Regional Medical Center

## **Farzad Massoudi, M.D., F.A.C.S.**

### *Honors & Awards*

- 1980, 1981 Dean's List: Franklin & Marshall College
- 1984 Graduated in Top 5% of Class: University of California, Irvine
- 1987 Suma Cum Laude: Graduate School of Physiology, Georgetown University
- 1988 Georgetown School of Medicine Research Scholarship Award
- 1988 Medical Center Research Compensation Award
- 1988 Lilly Publication Award for High Performance in Pharmacology
- 1989 Georgetown Department of Anatomy Research Excellence Award
- 1990 Alpha Omega Alpha National Medical Honor Society
- 1991 The Upjohn Achievement Award for Outstanding Research & Scholarship
- 1993 Pediatric Neurosurgical Patient Care Recognition Award
- 1997 Patient Service Excellence Award: Veteran Administration Hospital
- 1997 Veteran Hospital Star Medal
- 1997 Chairman's Commendation Letter for Distinguished Clinical Service
- 1999 Lifetime Member of the Who's Who Registry for Achievements in Neurosurgery
- 2002 Physician of the Year: Marriott Senior Living Services for Outstanding Participation in the Community
- 2005 Orange County Physician of Excellence, Orange County Medical Association and Orange Coast Magazine
- 2006 Top Physician Award - Orange Coast Magazine
- 2008 Physician of the Year / Patients Choice Award
- 2009 Physician of the Year / Patients Choice Award

## **FARZAD MASSOUDI, M.D., F.A.C.S.**

### ACTIVE CASE MATRIX

(Updated April 27 2015)

### PATENTS

CASE	TITLE	COUNTRY/ TYPE	INVENTORS	SERIAL NO. FILING DATE	PAT. NO. ISSUE DATE	STATUS
FARZM-001A	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	US Utility Patent	Farzad Massoudi	13/033,450 02/23/2011	8,496,689 7/30/2013	Patented 1st Maint. Fee Due: 01/30/2017
FARZM-001C	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	US Utility Patent	Farzad Massoudi	14/267,492 05/01/2014	----	Pending Status Check: 11/01/2015
FARZM-001G	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	US Utility Patent	Farzad Massoudi	13/927,480 06/26/2013	----	Allowed Issue Fee Due: 06/23/2015
FARZM-001GC	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	US Utility Patent	Farzad Massoudi	14/561,475 12/05/2014	----	Pending Status Check: 06/05/2015
FARZP-001BR	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	Brazil Utility Patent	Farzad Massoudi	1120130216336 02/23/2012	----	Pending Requested Examination; Awaiting Initial Office Action Annuity Fee Due: 02/23/2016
FARZP-001EP	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	Europe Utility Patent	Farzad Massoudi	12750234.2 02/23/2012	----	Pending Awaiting Initial Office Action Annuity Fee Due: 02/23/2016

## **FARZAD MASSOUDI, M.D., F.A.C.S.**

### ACTIVE CASE MATRIX

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#### **PATENTS**

CASE	TITLE	COUNTRY/ TYPE	INVENTORS	SERIAL NO. FILING DATE	PAT. NO. ISSUE DATE	STATUS
FARZP-001JP	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	Japan Utility Patent	Farzad Massoudi	2013-555543 02/23/2012	----	Pending Requested Examination; Awaiting Initial Office Action (Annuity Fees are not due until after the patent issues.)
FARZM-002A	Spinal Implant Device With Fixation Plates And Lag Screws And Method Of Implanting	US Utility Patent	Farzad Massoudi	13/043,821 03/09/2011	8,425,560 04/23/2013	Patented 1st Maint. Fee Due: 10/23/2016
FARZP-002BR	Spinal Implant Device With Fixation Plates And Lag Screws And Method Of Implanting	Brazil Utility Patent	Farzad Massoudi	1120130217642 03/08/2012	----	Pending Requested Examination; Awaiting Initial Office Action Annuity Fee Due: 03/08/2016
FARZP-002EP	Spinal Implant Device With Fixation Plates And Lag Screws And Method Of Implanting	Europe Utility Patent	Farzad Massoudi	12755758.5 03/08/2012	----	Pending Awaiting Initial Office Action (Annuity Fees are not due until after the patent issues.)
FARZP-002JP	Spinal Implant Device With Fixation Plates And Lag Screws And Method Of Implanting	Japan Utility Patent	Farzad Massoudi	2013-557879 03/08/2012	----	Pending Requested Examination; Awaiting Initial Office Action (Annuity Fees are not due until after the patent issues.)
FARZM-001GC	Spinal Implant Device With Fusion Cage And Fixation Plates And Method Of Implanting	US Utility Patent	Farzad Massoudi	14/561,475 04/27/2015	----	Pending Awaiting Initial Office Action