

Ronnie Isaac Mimran, M.D., M.B.A.

Pacific Forensic Group, Inc.

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PERSONAL

Born November 22, 1973 in Los Angeles, California.

Citizenship: United States of America

PROFESSIONAL EXPERIENCE

Neurosurgeon

Sutter West Bay Medical Group, San Francisco, CA

December 2020 – present

Chairman, Department of Neuroscience

Sutter Eden Medical Center, Castro Valley, CA

December 2021 – present

Medical Director, Neurosurgery

Sutter Eden Medical Center, Castro Valley, CA

2015 -- present

Adjunct Clinical Professor

UCSF Department of Neurosurgery

2006 – present

Vice Chairman, Department of Neuroscience

Sutter Eden Medical Center, Castro Valley, CA

December 2019 – December 2021

Neurosurgeon

Pacific Brain and Spine, Danville, CA

July 2005 – December 2020

NFL Team Neurosurgeon

Oakland Raiders, Alameda, CA

2009 – 2020

Director of Professional Affairs

Baxano, Inc., San Jose, CA

2011 – 2012

EDUCATION

Business School

Cornell University/Johnson Graduate School of Management, Ithaca, NY
Queen's University/Smith School of Business, Kingston, Ontario, Canada
Masters of Business Administration
2016 - 2018

Residency, Neurological Surgery

University of Florida, Department of Neurosurgery, Gainesville, FL
2000 – 2005

Clinical Fellowship, Minimally Invasive Spine Surgery

University of Florida, Department of Neurosurgery, Gainesville, FL
2003 – 2004

Internship, General Surgery

University of Florida, Department of Surgery, Gainesville, FL
1999 – 2000

Medical School

University of Southern California/Keck School of Medicine, Los Angeles, CA
Doctor of Medicine, May 1999

Undergraduate

University of California, Los Angeles, CA
Bachelor of Science, Physiology, December 1994

LICENSURE

Diplomate, American Board of Neurological Surgery, May 2009
California Medical License, No. A90574

AWARDS AND HONORS

San Francisco Magazine's Top Doctors of 2020
San Francisco Magazine's Top Doctors of 2019
Poets and Quants for Executives, Best and Brightest of 2018
San Francisco Magazine's Top Doctors of 2018
San Francisco Magazine's Top Doctors of 2017
Leading Physicians of the World, 2016
San Francisco Magazine's Top Doctors of 2016
San Francisco Magazine's Top Doctors of 2015
Castle Connolly's Top Doctors 2012, 2013
Patients Choice Award 2008, 2009, 2010, 2011, 2012, 2013, 2015
Compassionate Doctor Recognition 2009-2014

Outstanding Resident Educator, UF College of Medicine, 2005
Delegate Fellow, Council of State Neurosurgical Societies, 2004-2005
Charles Shank Award for Excellence in Neurosurgery, 2003

Outstanding Resident Educator, UF College of Medicine, 2002
Alpha Omega Alpha, 1998-1999
Dean's Scholar, Year III/IV, 1998-1999
General Surgery Honor Roll, 1997
Meyer Scholarship, 1996
American Heart Association Summer Research Fellowship, 1996

PATENTS

Patent Number US 9,314,253 B2 USPTO, Patent Date April 19, 2016
Tissue Modification Devices and Methods (Minimally invasive device for performing rapid and controlled cuts in bone, specifically designed for use in spinal surgery)

Patent Number US 10,219,218 B2 USPTO, Patent Date March 5, 2019
Surgical Instrument System and Method (Surgical instrument designed to remove disc tissue in a safe and rapid manner to prepare for spinal fusion)

PROFESSIONAL ORGANIZATIONS

National Football League Physician Society, Consultant Member
Health Volunteers Overseas, Uganda Spine Mission
American Association of Neurological Surgeons, Member
Congress of Neurological Surgeons, Member
North American Spine Society, Member
AANS/CNS Section on Spine and Peripheral Nerves, Member
American Association for Physician Leadership, Member
California Association of Neurological Surgeons, Member
Alameda-Contra Costa County Medical Association, Member

PUBLICATIONS

Manuscripts:

Wray S, **Mimran RI**, Vadapalli S, Shetye SS, McGilvray KC, Puttlitz CM. Pedicle Screw Placement in the Lumbar Spine: Effect of Trajectory and Screw Design on Acute Biomechanical Purchase. *Journal of Neurosurgery: Spine*. May 2015.

Dickinson LD, Phelps J, Summa CD, Vanichkachorn JS, Jeshuran WR, Randall JB, **Mimran RI**, Mitchell M, Macenski MM, Laurysen C. Facet-Sparing Decompression with a Minimally Invasive Flexible Microblade Shaver: a Prospective Operative Analysis. *Journal of Spinal Disorders and Techniques*, Dec 2013.

Laurysen C, Berven S, **Mimran RI**, Summa C, Sheinberg M, Miller LE, Block JE. Facet-sparing Lumbar Decompression with a Minimally Invasive Flexible Microblade Shaver versus Traditional Decompression: A Quantitative Radiographic Assessment. *Clin Interv Aging*. July 2012.

Rahman M, Summers LE, Richter B, **Mimran RI**, Jacob RP. Comparison of Techniques for Decompressive Lumbar Laminectomy: the Minimally Invasive versus the “Classic” Open Approach. *Minimally Invasive Neurosurgery*, 2008; 51: 100-105.

Mimran RI, Henn JS. “Minimally Invasive Lumbar Decompression”. Chapter in: Kim D, Henn J, Vacarro A, and Dickman C. Surgical Anatomy and Techniques to the Spine. Saunders Elsevier, 2006.

Mimran RI, Jacob RP. “Minimally Invasive Lumbar Laminectomy for Stenosis”. Chapter in: Perez-Cruet M, Khoo L, and Fessler R. An Anatomic Approach to Minimally Invasive Spine Surgery. Quality Medical Publishing, 2006.

Mimran RI, Henn JS. Minimally Invasive Lumbar Decompression. *Arthroscopy*, June 2004.

Wang MY, Henn JS, **Mimran RI**. Minimally Invasive Posterior Lumbar Fusion Techniques. *Arthroscopy*, June 2004.

Mimran RI, Friedman WA. “Radiosurgery in Children”. Chapter in: Alexander M, and Spetzler R. Pediatric Neurovascular Disease: Surgical, Endovascular and Medical Management. Thieme Medical Publishing, 2005.

Wang MY, **Mimran RI**, Mohit A, Lavine SD, Giannotta SL. Carotid Stenosis in a Multiethnic Population. *Journal of Stroke and Cerebrovascular Diseases*, Mar/Apr 2000.

Wang MY, **Mimran RI**, Giannotta SL. Ethnic Differences in the Distribution of Posterior Circulation Aneurysms. *Journal of Stroke and Cerebrovascular Diseases*, Jan/Feb 2000.

Mimran RI, Freeman J, Gong I, Selby R, Jabbour N. Benign Cystic Teratoma Arising from the Common Bile Duct: A Case Report. *Surgical Rounds*, October 1998.

Abstracts:

Dickinson L, Summa C, **Mimran RI**, Laurysen C. One Year Postoperative Study Results of a Flexible Microblade Shaver System for Lumbar Decompression. Poster #A-604-0000-00301. International Society for the Advancement of Spine Surgery, Annual Meeting 2014.

Dickinson L, Laurysen C, Summa C, **Mimran RI**. Prospective, Single-Arm, Multi-center Trial Using A Flexible Microblade Shaver System For Lumbar Decompression: Interim Clinical Data. ePoster #1306. American Association of Neurological Surgeons, Annual Meeting, 2012.

Dickinson L, **Mimran RI**, Randall J, Mitchell M. Lumbar Decompression Using a New, Minimally Invasive Flexible Shaver Device: Surgical Outcome in Patients with Lumbar Stenosis. Poster. Congress of Neurological Surgeons, Annual Meeting, 2011.

Mimran RI, Laurysen C, Berven S, Sheinberg MA. A Novel Over-the-wire System for the Decompression of Lumbar Spinal Stenosis. Spine Arthroplasty Society, Annual Meeting, 2010.

Laurysen C, **Mimran RI**, Berven S, Sheinberg MA. Facet preservation During Decompression for Lumbar Spinal Stenosis: A Quantitative Cadaveric Comparison of the iO-Flex™ System versus Standard Microdecompression. Spine Arthroplasty Society, Annual Meeting, 2010.

Mimran RI, Murad GA, Cunningham BW, Dmitriev A, McAfee PC, Sutterlin C. A Novel Device for Endplate Preparation: The Minimally Invasive Discectomy Brush (Histological Analysis of Wear Debris Production). Congress of Neurological Surgeons, Annual Meeting, 2003.

Mimran RI, Jacob RP. Technique Comparison for Decompressive Laminectomy: Minimally Invasive versus “Classic” Open Laminectomy. Southern Neurosurgical Society, Annual Meeting, 2003.

Zipfel G, **Mimran RI**, Lafrentz P, Day A. Multiple Paraclinoid Aneurysms: Presentation, Management, and Surgical Outcome. American Association of Neurological Surgeons, Annual Meeting, 2003.

Mimran RI, Zipfel G, Robicsek S, Gaposchkin C, Lafrentz P, Sulek C, Lewis S, Day A. Temporary Clipping in Middle Cerebral Artery Aneurysm Surgery: An End-Artery Study. Congress of Neurological Surgeons, Annual Meeting, 2002.

Wang M, **Mimran RI**, Lavine S, Giannotta S. Posterior Circulation Aneurysm Distribution in a Multi-Ethnic Population. Joint Meeting of the AANS/CNS Section on Cerebrovascular Surgery, Annual Meeting, 1999.

Wang M, Lavine S, **Mimran RI**, Giannotta S. Carotid Artery Stenosis in a Multi-Ethnic Population. North American Stroke Meeting, October 1998.

LeMay D, Chen T, **Mimran RI**, Hurvitz K, Anderson W, McComb J, Apuzzo M, Zlokovic B. Rolipram Treatment Appears to Limit Tumor Growth in a Rat Model of C6 Glioma. American Association of Neurological Surgeons, Annual Meeting, April 1997.

LeMay D, Kittaka M, **Mimran RI**, Hurvitz K, Gordon E, Anderson W, McComb J, Zlokovic B. The Role of the Blood Brain Barrier on Ganciclovir Treatment in a Rat Model of C6 Glioma Transduced with Herpes Thymidine Kinase Gene. Congress of Neurological Surgeons, Annual Meeting, 1997.
LeMay D, MacDonald T, **Mimran RI**, Hurvitz K, McComb J, Weiss M, Zlokovic B. A New Model of Human Medullablastoma in the Nude Mouse. American Association of Neurological Surgeons, Pediatric Section, Annual Meeting, December 1996.

PRESENTATIONS

“Advanced Planning, Navigation and Visualization Tools to Perform MIS Procedures”, VuMedi webinar August 2018,
<https://www.vumedi.com/video/advanced-planning-navigation-and-visualization-tools-to-perform-mis-procedures/?list=66246c05-89ca-4004-a77a-90c020329f4c>

“Navigated MIDLF™ Workflow (Cortical Trajectory)”, VuMedi webinar October 2017, <https://www.vumedi.com/video/navigated-midlftm-workflow-cortical-trajectory/>

“Costs, Complications & Workflow: A Discussion of Navigated Spine Procedures”, VuMedi webinar June 2017,
<https://www.vumedi.com/webinar/costs-complications-workflow-a-discussion-of-navigated-spine-procedures/>

“Advances in Minimally Invasive Lumbar Decompression”, Oral Presentation, Cedars-Sinai Annual Symposium on Current Concepts in Spinal Disorders, February 4, 2011.

“Neurosurgery in the 21st Century”, Oral Presentation, City of Pleasanton, March 16, 2009.

“Ask the Doctor: Back Pain”, Phone-In Television Show, March 1, 2006.

“Cervical Arthroplasty at the University of Florida” Conference Lecture, Neurosurgery 2005 Conference, January 29, 2005.

“Thoracic Disc Disease” Lecture, UF Neurosurgery/Orthopedic Surgery Spine Conference, March 3, 2004.

“Pediatric Occipitocervical Fusion: the UF Experience” Conference Lecture, Neurosurgery 2004 Conference, January 24, 2004.

“Cervical Arthroplasty” Lecture, UF Neurosurgery/Orthopedic Surgery Spine Conference, October 1, 2003.

“Technique Comparison for Decompressive Laminectomy: Minimally Invasive versus ‘Classic’ Open Laminectomy.” Southern Neurosurgical Society, Oral Presentation, Annual Meeting, 2003.

“Comparison of Techniques for Decompressive Laminectomy” Conference Lecture, Neurosurgery 2003 Conference, January 25, 2003.

“Minimally Invasive Spine Surgery: An Overview” Lecture, UF Neurosurgery/Orthopedic Surgery Spine Conference, January 8, 2003.

“Intramedullary Spinal Cord Tumors” Lecture, UF Neurosurgery/Orthopedic Surgery Spine Conference, October 2, 2002.

“Temporary Clipping in Middle Cerebral Artery Aneurysm Surgery: An End-Artery Study” Poster Presentation, Congress of Neurological Surgeons Annual Meeting, Philadelphia, September 2002.

“Prehospital Care of the Neurosurgical Patient.” Conference Lecture, Advances in Critical Care 2002, May 9, 2002.

“Overview of CNS Trauma.” Lecture, Junior Honors Seminar, UF College of Medicine, March 19, 2002, and March 16, 2004.

“Temporary Clipping of Middle Cerebral Artery Aneurysms.” Conference Lecture, Neurosurgery 2002 Conference, January 26, 2002.

“Prehospital Care of Traumatic Brain Injury.” Lecture, ShandsCair Emergency Flight Team Grand Rounds, June 2001.

“Traumatic Brain Injury: Clinical Perspectives.” Lecture, Junior Honors Seminar, UF College of Medicine, April 2001.

“Stereotactic Radiosurgery for Arteriovenous Malformations in Pediatric Patients: the University of Florida Experience.” Conference Lecture, Neurosurgery 2001 Conference, January 28, 2001.

“Overview of CNS Trauma.” Lecture, Junior Honors Seminar, UF College of Medicine, April 2000.

“Technological Advancements in Pediatric Neurosurgery” (Levy M, **Mimran R**) Oral and Poster Presentation, Congress of Neurological Surgeons, 48th Annual Meeting, Seattle, September 1998.

“Emergent Care in the Field: The Necessity of Rapid Evaluation and Transport” (Levy M, **Mimran R**.) Oral Presentation, *Diana*, A One-Year Retrospective, London, November 1998.

“The Role of the Blood Brain Barrier on Ganciclovir Treatment in a Rat Model of C6 Glioma Transduced with Herpes Thymidine Kinase Gene.” Poster Presentation, Medical Student Research Forum, University of Southern California College of Medicine, March 12, 1997.

TEACHING EXPERIENCE

Program Advisor, “Spine Technology Summit”, San Francisco, CA
February 1-2, 2018

Course Director, “Cortical Bone Screws and MIDLF Technique”, Amsterdam, Netherlands, June 1, 2012.

Course Chairman, “Spine + Science + Management”, Miami, FL
April 26, 2012
April 28, 2011
April 22, 2010

Course Chairman, “Fundamental Principles and Techniques in Spinal Surgery”, Jersey City, NJ
September 29, 2011
September 23, 2010
October 17-19, 2009

Faculty, Leaders in Spine Surgery, Spinal Surgery Course
Las Vegas, NV, April 2-3, 2009.

Clinical Instructor
Samuel Merritt College, Physician Assistant Program, 2005-2012

Faculty, Minimal Access Spinal Technology Course, Sunnyvale, CA
June 8, 2012
March 23, 2012
February 3, 2012
December 2, 2011
August 5, 2011
March 18, 2011
February 12, 2011
January 21, 2011
November 5, 2010
April 9, 2010
September 11, 2009

Instructor, “Making Sense of Spine Surgery” Nurses Course
Las Vegas, NV, May 30-31, 2008.

Faculty, Spine Surgeon Transition Program, Fellows Course
Las Vegas, NV, February 21-23, 2008.

Faculty, Spine Surgeon Transition Program, Fellows Course
San Diego, CA, February 11-12, 2007.

Faculty, Memphis Fellows Program, Fellows Course
Memphis, TN, March 29-30, 2006.

Instructor, Minimally Invasive Spinal Surgery Seminar, Satellite Training Center
Salinas, CA, May 23, 2012
Reno, NV, May 14, 2012
Castro Valley, CA, March 2, 2006.
Gainesville, FL, August 20, 2004.
Jacksonville, FL, July 13, 2003.

Course Co-Director, Medical Neuroscience, 2005
University of Florida College of Medicine

Faculty, 3D Surgical Anatomy of the Posterior Fossa
AANS Annual Meeting, Orlando, FL, May 1, 2004

Associate Course Director, Medical Neuroscience
University of Florida College of Medicine, January-February, 2004

Faculty, Craniocervical Junction: Microsurgical Anatomy/Surgical Approaches
CNS Annual Meeting, Denver, CO, October 18, 2003.

Faculty Instructor, Advanced Surgical Anatomy of the Skull Base
University of Western Australia (Perth, Australia), September 19-23, 2003.

Assistant Course Director, Medical Neuroscience
University of Florida College of Medicine, January-February, 2003

Laboratory Instructor, Minimally Invasive Spine Surgery Seminar
Florida Neurosurgical Society Annual Meeting, October 11-12, 2002

Instructor, Medical Neuroscience
University of Florida College of Medicine, 2000, 2002

Instructor, Gross Anatomy, Honors Section
University of Southern California School of Dentistry, 1996

Teaching Assistant, Head and Neck Anatomy
University of Southern California School of Dentistry, 1996