

*Curriculum Vitae*  
**ALEXANDRE RASOULI, M.D.**



Member North American Spine Society  
 American Academy of Orthopaedic Surgeons  
 California Orthopaedic Society

**EDUCATION**

Spine Surgery  
 Fellowships

**University of Miami/Jackson Memorial Hospital**  
**Frank J. Eismont, MD (Director)**  
*Combined Neurosurgical/Orthopaedic Spinal Surgery*

**Miami Children's Hospital, Miami, FL**  
**Harry L. Shufflebarger, MD (Director)**  
*Spinal Deformity*

Residency

**University of California, Irvine, CA**  
*Orthopaedic Surgery*

Medical School

**University of California, Irvine, CA**  
*Doctor of Medicine*

Undergraduate

**Stanford University, Stanford, CA**  
*Bachelor of Science with Honors*

**RESEARCH  
 INTERESTS**

*Spinal Cord Injury*  
*Laser-Mediated Tissue Engineering* ♦ *Autoimmunity*

**RECENT PUBLICATIONS**

- Resection of Glial Scar Following Spinal Cord Injury. *Journal of Orthopaedic Research* (in review)
- Transplantation of Preconditioned Schwann Cells in Peripheral Nerve Grafts Following Contusion Injury. *Journal of Bone and Joint Surgery [Am]* 88: 2400-2410, 2006.
- Transplantation of Preconditioned Schwann Cells following Hemisection Spinal Cord Injury. *Spine*. 2007 Apr 20;32(9):943-9.
- Acute Treatment Strategies for Spinal Cord Injury. In Lin, V. (ed.): *Spinal Cord Medicine: Principles and Practice*. New York: Demos Medical Publishing
- Schwann Cells for Treatment of Spinal Cord Injury in a Contusion Model. *Transactions of the Orthopaedic Research Society* 31: 1261, 2006
- Novel Transplantation of Preconditioned Schwann Cells Following Adult Spinal Cord Contusion Injury. *Transactions of the Scoliosis Research Society Meeting, 2005. Russel Hibbs Award Finalist*
- Adult Spinal Cord Contusion Injury: Novel Transplantation Technique. *Proceedings of the Cervical Spine Research Society, 33rd Annual Meeting, Dec 1-3, 2005; page 116-117. Resident Fellow Research Award Finalist*
- Elbow, Wrist & Hand Injuries. In McMahon, P. (ed.): *Current Diagnosis & Treatment in Sports Medicine*. Philadelphia: LANGE Medical Publications/McGraw-Hill, 2006
- Two-photon excitation laser scanning microscopy of porcine cartilage following Nd:YAG Laser mediated stress relaxation. *Proceedings SPIE*, 3907: 380-388, 2000.
- Quantitative Assessment of Chondrocyte Viability After Laser-Mediated Reshaping: A Novel Application of Flow Cytometry. *Lasers in Surgery and Medicine*, 2003, 32: 3-9.
- Tissue reshaping: an overview of the state of the art. *Proc. SPIE Int. Soc. Opt. Eng.* 4244, 208.

**PUBLIC PRESENTATIONS**

- Cervical Spine Research Society
- Scoliosis Research Society
- North American Spine Society
- Orthopaedic Research Society

**The Spine Institute is located at:  
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 Santa Monica, California 90404  
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[www.LASpineInstitute.com](http://www.LASpineInstitute.com)**