

Robert Louis Tatsumi, MD  
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**EDUCATION:**

**Spine Surgery Fellowship**

LA Spine Institute (2007-2008)  
1301 20<sup>th</sup> Street, Suite 400  
Santa Monica, CA 90404  
(888) 774-6376  
Director: Rick B. Delamarter, M.D.

**Orthopaedic Surgery Residency**

Oregon Health & Sciences University (2003-2007)  
3181 SW Sam Jackson Park Road  
Portland, OR 97239  
(503) 494-8991  
Chairman: Jung U. Yoo, M.D.

**Surgical Internship**

University of Vermont: Fletcher Allen Healthcare (2002-2003)  
Robert T. Stafford Hall, 4<sup>th</sup> Floor  
Burlington, VT 05405-0084  
(802) 656-2250  
Chairman: Claude E. Nichols III, M.D.

**Medical School**

Oregon Health & Sciences University (1998-2002)  
3181 SW Sam Jackson Park Road  
Portland, OR 97239  
(503) 494-9000  
Magna Cum Laude

**EDUCATION (continued):**

**Undergraduate**

University of Oregon Honors College (1992-1997)

Eugene, OR 97403

(541) 346-1000

BA General Science, Minors Business, Biology, Chemistry

Cum Laude

**High School**

Sunset High School (1988-1992)

13840 NW Cornell Rd

Portland, OR 97229

Apollo Award

## **PUBLICATIONS:**

Tatsumi RL. Radiation Exposure During the Lateral Lumbar Interbody Fusion Procedure and Techniques To Reduce Radiation Dosage. *International Journal of Spine Surgery*. 6;1:195-199. 2012.

Tatsumi RL, Ching AC, Byrd GD, Hiratzka JR, Threlkeld JE, Hart RA. Predictors and Prevalance of Patients Undergoing Additional Kyphoplasty Procedures After an Initial Kyphoplasty Procedure. *The Spine Journal*. 10; 11: 979-986. 2010.

Tatsumi, RL, Khavahi, Taylor B, Bae HW. Evaluating the disc preparation between the XLIF and TLIF approaches. Submitted to *Spine*. 2010.

Tatsumi, RL, Gallina JM, Kropf MA, Bae HW, Kanim LE, Delamarter RB. Results and Analysis of Compassionate Use of Lumbar Disc Replacements: Up to Four Year Follow-up. *The Spine Journal*. 2008. 8;5:159S.

Tatsumi, RL, Gallina JM, Kropf MA, Bae HW, Kanim LE, Delamarter RB. Clinical and Radiologic Evaluation of Cervical Disc Replacements in the Compassionate Use Patients: 2 to 4 year follow-up. *The Spine Journal*. 2008. 8;5:46S.

Tatsumi, RT, Gallina JM, Davis T. Cervical Epidural Injections. 2007. Submitted to *Journal of the American Academy of Orthopaedics*.

Tatsumi, RT, Davis, T, Kropf M. Cervical Discitis Following a Cervical Epidural Injection. 2007. Submitted to *JBJS*.

Pradham BB, Tatsumi RL, Gallina J, Kuhns CA, Wang JC, Dawson EG. Does the Perioperative Use of Ketorolac Really Inhibit Spinal Fusion? *Spine*. 2008. 33:19:2079-82.

Hart, RA, Tatsumi RL, Hiratzka JR, Yoo JU. Perioperative Complications of Combined Anterior and Posterior Cervical Decompression Crossing the Cervico-Thoracic Junction. *Spine* 2008. 33; 26: 2887-2891.

Tatsumi RL, Yoo JU, Liu Q, Hart RA. Biomechanical Differences in Posterior Instrumented Rod Constructs Spanning the Cervico-Thoracic Junction. *Spine*. 2007. 32;10:1072-1076.

Tatsumi R and Hart R. Early Complications of Anterior Cervical Decompression with Posterior Instrumented Fusion Across the Cervicothoracic Junction. *The Spine Journal*. 2005. 5;4: S69.

Tatsumi RL. Methemoglobinemia: An Institutional and Literature Review. *Chest* 2002

Lynch J, Tatsumi RL, Altenburg JR. Residual Paralysis in the Post-Anesthesia Care Unit in Patients Receiving Neuromuscular Blocking Agents Intraoperatively. *Journal of Investigative Medicine*, 1999.

Tatsumi RL. Silver Ion's Disinfectant Properties, Oregon Honors College Senior Thesis, 1997.

**BOOK CHAPTERS:**

Tatsumi RL, Hart RA. Cervical, Thoracolumbar and Sacral Fractures In: Current Therapy of Trauma and Surgical Critical Care eds. Asenio JA and Trunkey D. 5<sup>th</sup> Edition. Mosby, Inc; 2008.

Tatsumi RL, Gallina J, Bae H. Early Clinical Results of Nucleus Arthroplasty Technology In: Nucleus Arthroplasty Technology. eds Davis RJ, Girardi FP, Cammisa FP. Minneapolis: Raymedica LLC, 2007..

Tatsumi RL, Herzberg A. Avascular Necrosis. In: The 5-Minute Pain Management Consult. eds. Sibell DM, Kirsch, JR. Philadelphia: Lippincott Williams, & Wilkins; 2007.

**PRESENTATIONS:**

Non-Invasive Approach to the Spine. Portland, OR. Northwest Association of Occupational and Environmental Medicine. 9/29/2013.

Lateral Pressure Study for the Lateral Lumbar Interbody Fusion Procedure. San Diego, CA. SOLAS. 5/10/2013.

Endplate Preparation Differences Among Four Mini-Open Interbody Fusion Approaches. San Diego, CA. SOLAS. 5/10/2013.

Minimally Invasive Lumbar Spine Surgery. Salishan, Oregon. Oregon Trial Lawyer's Association- Worker's Compensation Division. 5/11/2013.

Looking For Relief From Back Pain? Providence Willamette Falls. Oregon City, OR. 11/7/2012.

Pedicle Screw versus Aspen for Degenerative Spondylolisthesis with Stenosis: Outcomes, Radiographic Analysis, and Financial Comparison. NASS. Dallas, Texas. Spotlight Presentation, 10/24/2012.

Cervical Motion Preservation. Gatti and Gatti Seminar. Wilsonville, OR. 9/20/2012.

Radiation Exposure to the Surgeon During the Lateral Lumbar Procedure. ISASS. Barcelona, Spain. 3/2012.

AO Spine Bioskills Workshop. Portland, OR 4/2/2011.

Cervical Arthroplasty to Therapeutic Associates. Portland, OR 11/2010.

In Vitro Evaluation of Disc Space Preparation Between Two Lumbar Interbody Fusion Approaches (XLIF vs. TLIF). E-Poster. IMAST. Vienna, Austria 7/15/09.

Artificial Disc Replacement: Cervical and Lumbar. Podium Presentation. Oregon Neurosurgical Society. Salishan Lodge, Oregon 5/30/09.

Chronic Neck and Back Pain. Legacy Meridian Park Hospital. 5/21/09.

In Vitro Evaluation of Disc Space Preparation Between Two Lumbar Interbody Fusion Approaches (XLIF vs. TLIF). Podium Presentation. Society of Lateral Access Society. La Jolla, California 4/17/09.

Clinical and Radiologic Evaluation of Cervical Disc Replacements in Compassionate Use Patients: 2-4 Year Follow-up. Podium Presentation. NASS Toronto, Canada 10/14/08.

Results and Analysis of Compassionate Use of Lumbar Disc Replacements: Up to Four Year Follow-up. E-Poster. NASS. Toronto, Canada 10/13/08

Clinical and Radiologic Evaluation of Cervical Disc Replacements in Compassionate Use Patients: 2-4 Year Follow-up. Podium Presentation. NASS Toronto, Canada 10/16/08.

Predictors and Prevalence of Additional Vertebral Compression Fractures Treated with Kyphoplasty Following Initial Kyphoplasty. Podium Presentation. North Pacific Orthopaedic Society. Union, Wa. 9/18-20, 2008.

Prevalence and Predictors of Patients Undergoing Kyphoplasty for Additional Vertebral Compression Fractures After Initial Kyphoplasty. Western Orthopaedic Association, Maui, Hawaii. 7/25/08.

Vertebroplasty versus Kyphoplasty. Spine and Wine Conference. Portland, OR 4/14/08

Posterior Cervico-Thoracic Instrumentation Constructs. Podium Presentation. 82<sup>nd</sup> Annual North Pacific Orthopaedic Society, Sun Valley, ID. 9/12/07

Posterior Cervico-Thoracic Instrumentation Constructs. Podium Presentation. 46<sup>th</sup> Dillehunt Memorial Lectureship/Lamplighter Lectureship. Portland, OR. 5/19/07.

Mechanical Comparison of Posterior Constructs For Cervico-Thoracic Fixation. Podium Presentation. Cervical Spine Research Society. Palm Beach, FL. 11/06.

Mechanical Comparison of Posterior Constructs For Cervico-Thoracic Fixation. Poster #38. Scoliosis Research Society. 41<sup>st</sup> Annual Meeting. Monterey, CA. 9/14/06. P.211.

Early Complications Following Anterior and Posterior Fusion/Instrumentation for Multi-level Cervical Spine Disease. Poster Presentation at Cervical Spine Research Society. Boston, MA 12/12/04.

Methemoglobinemia:An Institutional and Literature Review. Poster Presentation. Chest Conference, San Diego, CA 11/2002.

### **PROFESSIONAL ORGANIZATIONS / ACTIVITIES:**

Meridian Park Surgical Committee Department Vice Chair 2013 to present

American Academy of Orthopaedic Surgeons: Spine Committee 2013 to 2015

International Society for the Advancement of Spine 2011 to present

University of Portland Soccer/Basketball Teams Spine Physician 2011 to present

Oregon Orthopedic Society-Board Member 2009 to 2011

Meridian Park Hospital Surgery Committee 2009 to present

Oregon Medical Association

North America Spine Society

American Academy of Orthopaedic Society

North Pacific Orthopaedic Society