

**J. Rafe Sales, MD**  
**Specializing in Spine Surgery and Reconstruction**  
**Board Certified, Orthopaedic Spine Surgery**

9155 SW Barnes Road, Suite 210  
Portland, Oregon 97225  
Phone (503) 546-3503 Fax (503) 546-3507  
[www.summitspinesurgery.com](http://www.summitspinesurgery.com)

**CURRENT APPOINTMENTS**

Founder and Director, Summit Spine Institute  
9155 SW Barnes Road, Suite 210  
Portland, Oregon 97225

Co-Medical Director of Spine Surgery- Oregon  
Providence Brain and Spine Institute  
Portland, Oregon

Partner, St. Vincent Spine Surgery, LLP  
9155 SW Barnes Road, Suite 210  
Portland, Oregon 97225

**BOARD CERTIFICATION**

Board Certified, American Board of Orthopaedic Surgery  
-July 2010

Fellow, American Academy of Orthopaedic Surgery  
-February 2012

**NATIONAL AWARDS AND RECOGNITION**

Beckers Orthopedic and Spine Review “Top Spine Surgeon”  
-March 2012, 2013, 2014, 2015, 2016, 2017, 2018  
*-<http://beckersorthopedicandspine.com/lists/item/11019-200-spine-surgeons-specialists-to-know>*

Beckers Orthopedic and Spine Review “Top 100 Spine Practices- Summit Spine”  
-June 2013  
*- <http://beckersspine.com/104-spine-surgery-practices-sponsored>*

Beckers Orthopedic and Spine Review “Top 30 Spine Trauma Specialists”  
-September 2013



## **HOSPITAL AFFILIATIONS & PRIVILEGES**

Providence St. Vincent Hospital  
9205 SW Barnes Road  
Portland, Oregon 97225

Legacy Emanuel Hospital  
2801 N. Gantenbein  
Portland, Oregon, 97227

Northwest Spine and Laser Surgery Center  
8995 SW Miley Road, Suite 204  
Wilsonville, Oregon 97070

Oregon Outpatient Surgery Center  
7300 SW Childs Road, Suite A  
Portland, Oregon 97224

Alberty Surgery Center  
9100 SW Oleson Road  
Tigard, Oregon 97223

## **EDUCATION**

### **SPINE SURGICAL TRAINING**

Spine Surgery Fellowship - San Francisco Spine Institute (2007 to 2008)  
Jim Reynolds, MD, Paul Slosar, MD, Noel Goldthwaite, MD, Jerome Schofferman,  
MD, 1850 Sullivan Avenue, Suite 200, Daly City, California

### **ORTHOPAEDIC SURGERY RESIDENCY**

Orthopaedic Surgery and Rehabilitation (2003 to 2007)  
Oregon Health and Science University  
3181 SW Sam Jackson Park Road, Portland, Oregon 97239

Pediatric Orthopaedic Surgery and Spine Surgery (2004 to 2005)  
Shriners Hospital For Children  
3101 SW Sam Jackson Park Road, Portland, Oregon 97239

### SURGICAL INTERNSHIP

Intern, Orthopaedic and General Surgery (2002 to 2003)  
Oregon Health and Science University  
3181 SW Sam Jackson Park Road, Portland, Oregon 97239

### MEDICAL SCHOOL

Albany Medical College  
43 New Scotland Avenue, Albany, New York 12208  
(1998 to 2002)  
*Doctor of Medicine, Alpha Omega Alpha Honor Society*  
*Singleton/ Husted Memorial Alumni Scholarship Recipient*

### UNDERGRADUATE EDUCATION

Willamette University,  
900 State Street, Salem, Oregon 97301  
(1992 to 1996)  
*Bachelors of Science, Biology, Cum Laude*

### PUBLICATIONS & POSTERS

- Yearwood, T, **Sales JR** et al. Outcomes following utilization of a device adapter in previously-implanted patients using SCS for chronic pain. Poster presentation. North American Neuromodulation Society Meeting, Las Vegas, NV 2019
- **Sales, JR** et all. Safety and Efficiency of Cervical Disc Arthroplasty in Ambulatory Surgery Centers vs Hospital Settings, International Journal of Spine Surgery, 2018
- Hart R, Daniels A, Tesar J, Bay B, **Sales JR**. Relationship of Donor Variables and Graft Dimension on Biomechanical Performance of Femoral Ring Allograft. *Journal of Orthopaedic Research*, 2011. December; 29: 1840-1845.
- **Sales, JR**, Ellis T, Mayberry J. Biomechanical Testing of a Novel, Minimally Invasive Rib Fracture Plating System. *Journal of Trauma*, 2008 May;64(5):1270-4.
- **Sales JR**, Beals R, Hart R. Costovertebral Joint Osteoarthritis: Results of Resection Arthroplasty. *JBS (Br)* 2007 Oct; 89(10): 1336-9.

- Ledet EH, Sachs BL, **Sales JR**. Real-time in vivo loading in the lumbar spine: part 1. Interbody implant: load cell design and preliminary results. *Spine*. 2000. Oct 15; 25 (20): 2595-600.
- **Sales JR** , Stainken, B. Rheolytic Thrombectomy with Lytic Adjunctive for Acute Lower Extremity Ischemia. *SCVIR Annual Meeting, San Diego, CA*. March 2000.

### **BOOK CHAPTERS**

- **Sales, JR**, and M.P. Kennedy. Tarsal Tunnel Syndrome. Sibell, DM, Kirsch, JR (Eds.) Five Minute Pain Management Consult. Lippincott Williams & Wilkins, Philadelphia. September 1, 2006.

### **PODIUM PRESENTATIONS**

- **Sales JR**. Advances in Neuromodulation/ Spinal cord stimulation, April 2018
- **Sales JR**. Failed Back Surgery Syndrome- what can we do? Providence NW Primary Care Spine Meeting, November 2017
- **Sales JR**. A Novel Technique to Sacroiliac Fusion. Orthofix National Sales Meeting, Dallas, February 2016
- **Sales JR**. Failed Back Surgery Syndrome- what can we do? Providence NW Spine Meeting, November 2015
- **Sales JR**. Use of cervical disc arthroplasty. Portland, November 2015
- **Sales JR**. Direct lateral lumbar fusion- The Use and Efficacy. Seattle, November 2014
- **Sales JR**. Minimally Invasive Treatment of Spinal Fractures. Samaritan North Lincoln Hospital, January 2013
- **Sales JR**. Instructional Course Director- Minimally Invasive Spine Surgery. SpineWave. Portland, OR. September 2012
- **Sales JR**. Instructional Course Director- Minimally Invasive Spine Surgery. SpineWave. Las Vegas, NV. May 2012
- **Sales JR**. What's new in the treatment of Back Pain. Grand Rounds, Providence St Vincent Hospital. November 2011
- **Sales JR**. Minimally invasive treatment of Spinal Trauma Legacy Trauma Grand Rounds, May 2011
- **Sales JR**. Management of Failed Back Surgery. Grand Rounds, Legacy Salmon Creek Hospital May 2011
- **Sales JR**. Whats new in the treatment of Spinal injuries? Portland EMT conference, April 2011
- **Sales JR**. Percutaneous pedicle screws in Spinal Trauma- Fix or Fad? Neuroscience Case Conference. Legacy Emanuel Hospital January 2011

- **Sales JR.** Management of Failed Back Surgery. Grand Rounds, Providence St Vincent Hospital January 2011
- **Sales JR.** Field Management of Orthopaedic Trauma. SARCON / Search and Rescue Conference- Annual Meeting, Welches, OR. October 2009.
- **Sales JR.** Failed Back Surgery; Diagnosis and Treatment. Oregon Health and Sciences University Rodney K. Beals Memorial Lectureship, July 2009
- **Sales JR.** Initial Management of Spinal Trauma. Trauma Net CME Update. The Dalles, OR. November 2008
- **Sales JR.** What's new in Spine Trauma. Bay Area Hospital Trauma Update, Bay Area Hospital, Coos Bay, Oregon. October 2008.
- **Sales JR.** Biomechanical testing of a minimally invasive rib fracture plating system. OHSU Orthopaedic Surgery Research Day, May 2007.
- **Sales JR.** Biomechanical testing of the Ellis-Gillard Minimally Invasive Rib Fracture Plating System. American College of Surgeons 91st Annual Clinical Congress, San Francisco, CA. Oct 2005
- **Sales JR,** Stainken, B. Rheolytic Thrombectomy with Lytic Adjunctive for Acute Lower Extremity Ischemia. SCVIR Annual Meeting, San Diego, CA. March 2000.

#### NATIONAL COURSES

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|--|------|
| • North American Spine Society Annual Meeting<br>Los Angeles, CA   | 2018 |
| • North American Spine Society Annual Meeting<br>Orlando, FL       | 2017 |
| • North American Spine Society Annual Meeting<br>Boston, MA        | 2016 |
| • North American Spine Society Annual Meeting<br>San Francisco, CA | 2014 |
| • North American Spine Society Annual Meeting<br>New Orleans, LA   | 2013 |
| • North American Spine Society Annual Meeting<br>Dallas, TX        | 2012 |
| • AAOS Annual Meeting<br>San Francisco, CA                         | 2012 |
| • Current Solutions in Spinal Surgery<br>Duck Key, FL              | 2011 |
| • AAOS Annual Meeting<br>San Diego, CA                             | 2011 |
| • NASS Annual Meeting<br>San Francisco, CA                         | 2009 |

- NASS Cervical Stabilization Hands-on Course Chicago, IL 2008
- AO Spine Advanced Course Spinal Disorder & Treatments Sun Valley, ID 2008
- American Academy of Orthopaedic Surgeons San Francisco, CA 2008
- AO Spine Fundamentals for Residents and Fellows Las Vegas, NA 2007

**PROFESSIONAL MEMBERSHIPS**

- North American Spine Society
- Alpha Omega Alpha Medical Honor Society
- American Academy of Orthopaedic Surgeons
- Western Orthopaedic Association
- Oregon Medical Association
- AO Spine

**STATE LICENSURE**

- Unlimited Oregon Medical License MD26298, Expiration 12/31/2019
- Unlimited California Medical License A100320, Expiration 06/30/2019

**PERSONAL INFORMATION**

- Married with three children.
- Hobbies include hiking, skiing, and spending time with my family.

FOR MORE INFORMATION PLEASE VISIT <http://www.summitspinesurgery.com>