

Corey J. Wallach, MD
The Anderson Clinic Spine Center
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Arlington, VA 22206
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Current:

Orthopedic Spine Surgeon and Medical Director, The Anderson Clinic Spine Center	2007- Present
Medical Director, INOVA Spine Institute The INOVA Spine Institute, East Region	2009 - Present
Board of Directors, American College of Spine Surgery	2010- Present

Education:

Fellowship:	UCLA Comprehensive Spine Center Department of Orthopedic Surgery Los Angeles, CA	2006-2007
Residency:	Department of Orthopedic Surgery University of Pittsburgh Medical Center Pittsburgh, PA	2000-2005
Medical School:	University of California, Davis Davis, CA	1996-2000 Doctor of Medicine
Undergraduate:	Columbia College, Columbia University New York, NY	1987-1991 Bachelor of the Arts – Architecture/Religion

Medical Associations:

- North American Spine Society
- American College of Spine Surgery
- American Academy of Orthopedic Surgeons

Awards:

“Top Docs” Northern Virginia Magazine	2011
“America’s Top Orthopedists” Consumer’s Research Council of America	2011
“50 of the Best Spine Specialists in America” Becker’s Orthopedic and Spine	2010
The Founder’s Award Eastern Orthopedic Association, Dublin, Ireland	2003
Paul Lipscomb Award for Excellence in Orthopaedics University of California, Davis, Davis, CA	2000
Alpha Omega Alpha Honor Society University of California, Davis, Davis, CA	1999

Publications:

Journal Articles:

Advances in Imaging of the Traumatized Cervical Spine. Wallach CJ, Teng A, Wang JC, *Seminars in Spine Surgery.* 19(4): 222-228, 2007

Intraoperative and Interventional Magnetic Resonance Imaging: Applications in Spine Surgery. Teng A, Wallach CJ, Wang JC, *Seminars in Spine Surgery.* 20(3): 214-220, 2008

Prospective clinical outcomes of revision fusion surgery in patients with pseudarthrosis after posterior lumbar interbody fusions using stand-alone metallic cages. Cassinelli EH, Wallach C, Hanscom B, Vogt M, Kang JD *Spine Journal: Official Journal of the North American Spine Society.* 6(4):428-34, 2006

Safety Assessment of Intradiscal Gene Transfer: A Pilot Study
Wallach CJ et al., *Spine Journal: Official Journal of the North American Spine Society,* 6(2):107-12, 2006

A Slowly Progressive and Reproducible Animal Model of Intervertebral Disc Degeneration Characterized by MRI, X-Ray, and Histology. Gilbertson LG, Sobajima S, Kompel JF, Kim JS, Wallach CJ, Robertson D, Vogt MT, Kang JD, *Spine,* 30(1):15-24, 2005

Gene Transfer of the Catabolic Inhibitor TIMP-1 Increases Measured Proteoglycans in Degenerated Human Intervertebral Disc Cells
Wallach CJ et al., *Spine,* 28(20):2331–2337, 2003

Gene Therapy for Intervertebral Disc Regeneration
Wallach CJ et al., *Spine,* 28(15S): S93-98, 2003

Neutropenia associated with Piperacillin/Tazobactam (Zosyn) in the treatment of Orthopaedic Injuries: A Case Report
Wallach CJ et al., *Osteosynthesis and Trauma Care,* 11:38-40, 2003

Approaches for Skeletal Gene Therapy
Niyibizi C, Wallach CJ, Mi Z, and Robbins PD. *Critical Reviews in Eukaryotic Gene Expression,* 12(3):163-173, 2002

Book Chapters:

Minimally Invasive Lumbar Decompression and Fusion
Wallach CJ. Advanced Reconstruction Spine. North American Spine Society and American Academy of Orthopedic Surgeons, 2011

Disc Biology, Degeneration, and Repair
Cassinelli EH, Wallach CJ, and Kang JD. Emerging Spinal Surgical Technologies. 2008

Gene Therapy for Intervertebral Disk Disorders
Wallach CJ, Gilbertson LG, and Kang JD. Molecular Biology in Orthopaedics, AAOS, 2002

Published Abstracts:

- Safety Profile of Intradiscal Gene Therapy: A Pilot Study*
Wallach et al., Orthopaedic Research Society
San Francisco, CA March 2004 Poster Presentation
- Assessment of the Safety Profile of Intradiscal Gene Transfer*
Kim JS et al, North American Spine Society
San Diego, CA October 2003 Podium Presentation
- Investigation into the Therapeutic Window and Safety Issues of Intradiscal Gene Transfer*
Wallach et al., International Society for the Study of Lumbar Spine
Vancouver, BC May 2003 Podium Presentation
- Successful Gene Transfer in a Rabbit Model of Disc Degeneration*
Kim JS et al., International Society for the Study of Lumbar Spine
Vancouver, BC May 2003 Podium Presentation
- Gene Transfer of the Catabolic Inhibitor TIMP-1 Increases Measured Proteoglycans in Degenerated Human Intervertebral Disc Cells*
Wallach et al., Orthopaedic Research Society
New Orleans, LA February 2003 Podium Presentation
- MRI and Histological Analysis of a Rabbit Model of Disc Degeneration*
Kompel JF et al., Orthopaedic Research Society
New Orleans, LA February 2003 Podium Presentation
- Tissue Engineering of Osteospheroids: A Three-Dimensional and Biologically Active Osteoblastic Cell Aggregate*
Wallach et al., Orthopaedic Research Society
New Orleans, LA February 2003 Poster Presentation
- Gene Transfer of the Catabolic Inhibitor TIMP-1 Increases Proteoglycan Synthesis in Degenerated Human Cervical Disc Cells*
Wallach et al., Cervical Spine Research society
Miami, FL December 2002 Podium Presentation
- Transduction of TGF- β 1 Inhibits Proteoglycan Synthesis in Intervertebral Disc Cells in a Three-Dimensional Culture*
Wallach et al., North American Spine Society
Montreal, Canada October 2002 Podium Presentation
- Gene Delivery of the Catabolic Inhibitor TIMP-1 Increases Measured Proteoglycans in Degenerated Human Intervertebral Disc Cells*
Wallach et al., North American Spine Society
Montreal, Canada October 2002 Podium Presentation
- The Effect of Adenoviral Mediated Gene Therapy with IGF-1, TIMP-1, and BMP-2 on Proteoglycan Synthesis in Human Intervertebral Disc Cells*
Wallach et al., International Intradiscal Treatment Society
Seoul, Korea August 2002 Podium Presentation
- Gene Transfer of the Catabolic Inhibitor TIMP-1 Increases Measured Proteoglycan Synthesis in Human Intervertebral Disc Cells*
Wallach et al., International Society for the Study of Lumbar Spine
Cleveland, OH May 2002 Podium Presentation

Published Abstracts [con't]:

The Effect of Adenoviral-Mediated Gene Therapy with IGF-1, TIMP-1, and BMP-2 on Proteoglycan Synthesis in Human Intervertebral Disc Cells

Wallach et al., The AOA Annual Resident's Conference
Memphis, TN April 2002 Podium Presentation

Successful AAV-vector Mediated Transgene Expression in the Intervertebral Disc in Pre-Immunized Rabbits

Lattermann et al., Orthopaedic Research Society
Dallas, TX February 2002 Podium Presentation

Neutropenia Associated with Piperacillin/Tazobactam [Zosyn] following Treatment of Open Orthopaedic Injuries

Wallach et al., Pennsylvania Orthopaedic Society
Pittsburgh, PA November 2001 Podium Presentation

Extracurricular: Woodworking, guitar