

Позвоночник

Хирургическая анатомия и оперативная техника

Surgical Anatomy & Techniques to the Spine

SECOND EDITION

Daniel H. Kim, MD

Director
Reconstructive Spinal and Peripheral Nerve Surgery
Mischer Neuroscience Institute
Professor
Vivian L. Smith Department of Neurosurgery
University of Texas Health Science Center at Houston
Houston, Texas

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ДЭНИЭЛ Х. КИМ

Александр Р. Ваккаро

Кертис А. Дикман

Досанг Чо

СангКук Ли

Ильсун Ким

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Издание посвящено вопросам оперативной анатомии и хирургической техники в современной вертебрологии. Помимо описания классических вмешательств на позвоночнике, авторы подробно освещают применение новых инструментов и минимально инвазивные методики, технику вмешательств при травме и ранениях, а также особенности оперативного лечения ортопедических, онкологических, сосудистых и инфекционных заболеваний позвоночника. Особое внимание уделено таким сложным зонам, как затылочно-шейное сочленение, шейно-грудной и грудопоясничные сегменты. Книга содержит более 1000 высококачественных иллюстраций.

Книга предназначена для нейрохирургов, ортопедов и травматологов.

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Предисловие

Хирургия позвоночника основана на понимании анатомии и хирургической техники. С применением новых инструментов и минимально инвазивных методик в XXI веке хирургия позвоночника весьма усложнилась. Начиная от затылочно-шейного спондилодеза и до фиксации крестцово-подвздошного сочленения, современный хирург-вертебролог сталкивается с огромным разнообразием хирургических ситуаций. Вместе с тем, вертебрологи, как и их коллеги вынуждены прилагать все силы, чтобы не отставать от быстрых темпов развития технологического оснащения в этой области. Постоянно увеличивающееся разнообразие способов хирургического лечения повреждений и заболеваний позвоночника делают процесс принятия решений, касающихся какого-либо конкретного подхода, процедуры или технологии, все более и более сложным.

Помимо появления нового инструментария, все большее распространение в хирургии позвоночника получают новые минимально инвазивные методики. Разрезы уменьшаются, что вынуждает хирургов-вертебрологов оперировать через относительно небольшой доступ, а, следовательно, в условиях ограниченной видимости. Без выделения прилежащих анатомических структур применение таких методик может оказаться весьма сложной задачей. Подобные сложности возникают не только при

декомпрессии, но и при чрескожном размещении инструментов.

Такие инструменты и методики в настоящее время начинают применяться у все возрастающего числа пациентов. Инструменты хирурга-вертебролога используются не только при травмах или дегенеративных заболеваниях, но и все чаще применяются при опухолевых или инфекционных процессах.

В свете многочисленных нововведений, весьма актуально современное описание затылочно-шейного спондилодеза, включая технику установки шейных пластин, наряду с атланто-аксиальной фиксацией. Кроме того, здесь представлен обзор шейно-грудного и грудопоясничного сочленений, так как эти переходные зоны вызывают еще большие сложности. Наконец, появление длинных конструкций для остеосинтеза, сделало возможной фиксацию крестцово-подвздошного сочленения, что также нашло отражение в этом издании.

При освоении новых инструментов или минимально инвазивных методик хирург-вертебролог должен основываться на знаниях анатомии и технических приемов. Таким образом, подобные существенно важные вопросы в хирургии позвоночника рассматриваются как арсенал, необходимый хирургу, приступающему к изучению более сложных актуальных проблем сегодняшнего дня.

*Макс С. Ли
доктор медицинских наук,
клинический руководитель
отделения нейрохирургии
Медицинского центра Стэнфордского университета
Стэнфорд, Калифорния*

Соредакторы

Dosang Cho, MD, PhD

Associate Professor
Department of Neurosurgery
Ewha Womens University Medical Center
Seoul, Korea

Curtis A. Dickman, MD

Director, Spinal Research
Associate Chief, Spine Section
Division of Neurological Surgery
Barrow Neurological Institute
Phoenix, Arizona
Clinical Assistant Professor
Division of Neurosurgery
University of Arizona College of Medicine
Tucson, Arizona

Ilsup Kim, MD

Assistant Professor
Department of Neurosurgery
St. Vincent's Hospital
The Catholic University of Korea
Suwon, Korea

Sangkook Lee, MD

Clinical Professor
Department of Neurosurgery
Guri Hospital
Hanyang University Medical Center
Guri, Gyeonggi-do, Korea

Alexander R. Vaccaro, MD, PhD

Professor of Orthopaedic Surgery
Thomas Jefferson University
The Rothman Institute
Philadelphia, Pennsylvania

Соавторы

Daniel Aghion, MD

Resident, Department of Neurosurgery, Brown University, Rhode Island Hospital and Hasbro Children's Hospital, Providence, Rhode Island
Surgical Approaches to the Craniovertebral Junction in Rheumatoid Arthritis

Henry Ahn, MD

Scientist, Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital; Assistant Professor, Division of Orthopaedic Surgery; Assistant Professor, University of Toronto Spine Program, University of Toronto, Toronto, ON, Canada
Surgical Approach to Posttraumatic Thoracic Kyphosis

Jaren D. Ament, MD

Resident, Department of Neurological Surgery, University of California–Davis School of Medicine, Sacramento, California
Cervical Microforaminotomy and Decompressive Laminectomy

Anubhav G. Amin, MD

Resident, Department of Neurosurgery, New York Medical College, Valhalla, New York
Posterior Approaches to the Craniovertebral Junction: Lateral Transcondylar Approach

Howard S. An, MD

Professor of Orthopedic Surgery, Rush University Medical Center, Chicago, Illinois
Cervical Laminoplasty

Frank Attenello, MD

Resident, Department of Neurological Surgery, Keck School of Medicine, University of Southern California, Los Angeles, California
Lumbar Microdisectomy: Midline Open and Far-Lateral Techniques

Ioannis Avramis, MD

Orthopedic Surgeon, Minimally Invasive Spine Institute, Dallas, Texas
Iliac Fixation

Neil Badlani, MD

Orthopedic Surgeon/Spine Surgeon, The Orthopedic Sports Clinic, Houston, Texas
Cervical Laminoplasty

Rahul Basho, MD

Riverside County Regional Medical Center, Los Angeles, California
Surgical Approaches to Cervical Kyphosis and Deformity

Justin E. Bird, MD

Assistant Professor; Orthopaedic Oncology & Spine Surgery; MD Anderson Cancer Center; Houston, Texas
Anterior Retroperitoneal Approach to the Lumbar Spine

Monique J. Boomsaad, MD

Resident, Department of Neurosurgery, University of Michigan, Ann Arbor, Michigan
Surgical Decompression and Stabilization Techniques in Thoracic Trauma

Darrel S. Brodke, MD

Professor and Vice Chairman, Department of Orthopedics, Director of the University Spine Center, University of Utah School of Medicine, Salt Lake City, Utah
Anterior Transthoracic Approaches to the Thoracic Spine

Colin C. Buchanan, MD

Department of Neurosurgery, David Geffen School of Medicine, University of California–Los Angeles, Los Angeles, California
Transmaxillary and Transmandibular Approaches to the Clivus and Upper Cervical Spine

Kevin S. Cahill, MD, PhD, MPH

Department of Neurological Surgery, University of Miami Miller School of Medicine, Miami, Florida
Anterior Lumbar Interbody Fusion

Thomas D. Cha, MD, MBA

Instructor, Orthopaedic Surgery, Harvard Medical School; Orthopaedic Spine Surgeon, Massachusetts General Hospital, Boston, Massachusetts
Lumbar Facet Screw Fixation Techniques

Fady T. Charbel, MD

Department of Neurosurgery, College of Medicine, University of Illinois at Chicago, Chicago, Illinois
Vascular Lesions of the Spinal Cord

Samuel K. Cho, MD

Assistant Professor, Adult and Pediatric Spinal Surgery, Leni & Peter W. May Department of Orthopaedics, Mount Sinai School of Medicine and Hospital, New York, New York
Surgical Anatomy and Biomechanics in the Cervicothoracic Junction and Thoracic Spine

Gun Choi, MD, PhD

President, Medical Affairs, Wooridul Spine Hospital; Chief, Endoscopic Spinal Treatment Center; Invited Assistant Professor, College of Medicine, Hanyang University, Seoul, Korea
Percutaneous Endoscopic Discectomy

Haroon F. Choudhri, MD

Associate Professor, Department of Neurosurgery, Chief, Section of Adult Neurosurgery, Director, Neurosurgery Spine Service at Georgia Health Sciences University, Augusta, Georgia
Anterior Cervical Instrumentation Techniques

Omar Choudhri, MD

Resident, Department of Neurosurgery, Stanford University, Stanford, California
Cervical Corpectomy, Fusion, and Vertebral Restoration Techniques

John S. Claff, MD

Department of Orthopaedic Surgery, Massachusetts General Hospital, Boston, Massachusetts
Lumbar Facet Screw Fixation Techniques

Nader S. Dahdaleh, MD

Department of Neurosurgery, University of Iowa, Iowa City, Iowa
Surgical Stabilization Techniques for Thoracolumbar Fractures

Andrew Dailey, MD

Department of Neurosurgery, University of Utah, Salt Lake City, Utah
Ossification of the Posterior Longitudinal Ligament

Curtis A. Dickman, MD

Director, Spinal Research and Associate Chief, Spine Section, Division of Neurological Surgery, Barrow Neurological Institute, Phoenix, Arizona; Clinical Assistant Professor, Division of Neurosurgery, University of Arizona College of Medicine, Tucson, Arizona
C1–C2 Trauma Injuries and Stabilization Techniques
Bone Graft Harvesting Techniques

Dzung Dinh, MD, MBA

Professor of Neurosurgery, University of Illinois College of Medicine, Peoria, Illinois
Surgical Anatomy and Biomechanics of the Craniovertebral Junction

Mark S. Eskander, MD

Orthopaedic Surgeon, Christiana Spine Center, Christiana Health Care System, Newark, Delaware
Spondylolisthesis Reduction

Kyle M. Fargen, MD

Resident, Department of Neurosurgery, University of Florida College of Medicine, Gainesville, Florida
Transoral Approach to the Craniocervical Junction and Upper Cervical Spine
Approaches to the Craniocervical Junction: Posterior and Lateral Approaches

Farrokh R. Farrokhi, MD

Department of Neurosurgery, University of Washington, Seattle, Washington
Ossification of the Posterior Longitudinal Ligament

Iman Feiz-Erfan, MD

Department of Neurosurgery, St. Joseph's Hospital and Medical Center, Phoenix, Arizona
C1–C2 Trauma Injuries and Stabilization Techniques

Michael Finn, MD

Assistant Professor, Department of Neurosurgery, University of Colorado School of Medicine, Aurora, Colorado
Dural Tears

Todd B. Francis, MD

Department of Neurosurgery, Cleveland Clinic, Cleveland, Ohio
Transpedicular Screw Fixation: Open and Percutaneous Techniques

Anthony K. Frempong-Boadu, MD

Associate Professor, Director of Neuro Residency Training Program, Director, Division of Spinal Surgery, Department of Neurosurgery, New York University Langone Medical Center, New York, New York
Posterior Approaches to the Cervicothoracic Junction: Transpedicular, Costotransversectomy, Lateral Extracavitary, and Paraspinal Extraleural Approaches

Jared Fridley, MD

Resident, Department of Neurosurgery, Baylor College of Medicine, Houston, Texas
Surgical Decompression and Stabilization for Lumbar Lesions: Osteomyelitis and Tumors

Aruna Ganju, MD

Department of Neurological Surgery, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Facet Dislocation Injuries and Surgical Management
Surgical Anatomy and Operative Techniques of Lumbar Stenosis

Maurice Goins, MD

Surgeon, Resurgens PC Orthopaedics, Morrow, Georgia
Ankylosing Spondylitis: Posterior Approaches (Osteotomy) to the Cervical and Lumbar Spine in the Management of a Fixed Sagittal Plane Deformity

Andrew Grossbach, MD

Department of Neurosurgery, University of Iowa, Iowa City, Iowa
Surgical Stabilization Techniques for Thoracolumbar Fractures

Munish Gupta, MD

Professor, Co-Director of Spine Center, Chief of Orthopaedic Spinal Disorders Service, University of California–Davis, Sacramento, California
Sacral Screw Fixation and Plating Techniques
Iliac Fixation
Anterior and Posterior Treatment for Thoracolumbar and Lumbar Scoliosis

Sachin Gupta, MD

University of California–Davis, Sacramento, California
Anterior and Posterior Treatment for Thoracolumbar and Lumbar Scoliosis

Yoon Ha, MD, PhD

Department of Neurosurgery, Severance Hospital, College of Medicine, Yonsei University, Seoul, Korea
Posterior Cervical Stabilization Techniques: Cervical Pedicle Screw Fixation, Lateral Mass Screw Fixation, and Wiring

Jeffrey S. Henn, MD

Assistant Professor, Department of Neurosurgery, University of Florida, Gainesville, Florida
Bone Graft Harvesting Techniques

Sarah Henry, MPH

Professional Research Assistant, Department of Orthopaedics, University of Colorado, Denver, Colorado
Dural Tears

Joshua P. Herzog, MD

Department of Orthopaedic Surgery, Massachusetts General Hospital, Boston, Massachusetts
Lumbar Facet Screw Fixation Techniques

Alan Hilibrand, MD

Professor of Orthopaedic Surgery and Neurosurgery, Rothman Institute and Jefferson Medical College, Philadelphia, Pennsylvania
Ankylosing Spondylitis: Posterior Approaches (Osteotomy) to the Cervical and Lumbar Spine in the Management of a Fixed Sagittal Plane Deformity

Jayme R. Hiratzka, MD

Department of Orthopaedics, University of Utah School of Medicine, Salt Lake City, Utah
Anterior Transthoracic Approaches to the Thoracic Spine

Patrick W. Hitchon, MD

Professor of Neurosurgery and Bioengineering, Director, Spine Fellowship, Department of Neurosurgery, University of Iowa, Iowa City, Iowa
Surgical Stabilization Techniques for Thoracolumbar Fractures

Daniel J. Hoh, MD

Assistant Professor of Neurological Surgery, University of Florida Malcom Randall VA Medical Center; Joint Assistant Professor of Neuroscience, University of Florida, Gainesville, Florida
Transoral Approach to the Craniocervical Junction and Upper Cervical Spine
Approaches to the Craniocervical Junction: Posterior and Lateral Approaches

Patrick Hsieh, MD

Assistant Professor of Clinical Neurological Surgery, Keck School of Medicine, University of Southern California, Los Angeles, California
Lumbar Microdisectomy: Midline Open and Far-Lateral Techniques

Steven W. Hwang, MD

Division of Pediatric Neurosurgery, Floating Children's Hospital, Department of Neurosurgery, Tufts University, Boston, Massachusetts
Surgical Approaches to Craniovertebral Junction Congenital Malformations, Chiari Malformations, and Cranial Settling (Invagination)
Anterior Release and Fusion Techniques for Scoliosis

Daniel S. Ikeda, MD

Department of Neurological Surgery, The James Comprehensive Cancer Center and The Wexner Medical Center at the Ohio State University, Columbus, Ohio
Surgical Approaches to Thoracic Primary and Secondary Tumors

Sivakumar Jaikumar, MD

Assistant Professor, Section Chief of Spinal Neurosurgery, Department of Neurosurgery, University of North Carolina School of Medicine, Chapel Hill, North Carolina
Surgical Approaches to Lumbar Fractures

Andrew Jea, MD

Assistant Professor, Neuro-Spine Program, Division of Pediatric Neurosurgery, Texas Children's Hospital, Department of Neurosurgery, Baylor College of Medicine, Houston, Texas
Surgical Approaches to Craniovertebral Junction Congenital Malformations, Chiari Malformations, and Cranial Settling (Invagination)
Anterior Release and Fusion Techniques for Scoliosis

David H. Jho, MD, PhD

Neurosurgery Service, Massachusetts General Hospital and Harvard Medical School, Boston, Massachusetts
Endoscopic Anterior Cervical Foraminotomy (Jho Procedure)

Diana H. Jho, MD

Department of Neuroendoscopy, Jho Institute for Minimally Invasive Neurosurgery, Allegheny General Hospital, Drexel University College of Medicine, Pittsburgh, Pennsylvania
Endoscopic Anterior Cervical Foraminotomy (Jho Procedure)

Hae-Dong Jho, MD, PhD

Professor and Chairman, Department of Neuroendoscopy, Jho Institute for Minimally Invasive Neurosurgery, Allegheny General Hospital, Drexel University College of Medicine, Pittsburgh, Pennsylvania
Endoscopic Anterior Cervical Foraminotomy (Jho Procedure)

Sungsam Jung, MD, PhD

Department of Neurosurgery, Eulji University School of Medicine, Daejeon, Korea
High Cervical Retropharyngeal Approach to the Craniocervical Junction

M. Yashar S. Kalani, MD

Resident, Division of Neurological Surgery, Barrow Neurological Institute, Phoenix, Arizona
C1–C2 Trauma Injuries and Stabilization Techniques

Iain H. Kalfas, MD

Department of Neurosurgery, Cleveland Clinic, Cleveland, Ohio
Transpedicular Screw Fixation: Open and Percutaneous Techniques

James D. Kang, MD

Vice Chairman, Department of Orthopaedic Surgery, Director of the Ferguson Laboratory for Spine Research, Professor of Orthopaedic and Neurological Surgery, UPMC Endowed Chair in Orthopaedic Spine Surgery, University of Pittsburgh and UPMC, Pittsburgh, Pennsylvania
Spondylolisthesis Reduction

Sadashiv Karanth, MD

Resident, Department of Neurosurgery, University of Illinois College of Medicine, Peoria, Illinois
Surgical Anatomy and Biomechanics of the Craniovertebral Junction

Abhishek Kashyap, MD

Assistant Professor, Central Institute of Orthopedics, VMMC and Safdarjang Hospital, New Delhi, India
Percutaneous Endoscopic Discectomy

Noojan Kazemi, MD

Senior Fellow, Department of Neurosurgery, University of Washington, Seattle, Washington
Anterior and Posterior Cervicothoracic Junction Stabilization Techniques

Michael Kelly, MD

Assistant Professor, Orthopaedic Surgery, Washington University School of Medicine, St. Louis, Missouri
Surgical Treatment of Adolescent Idiopathic Scoliosis: Lenke Curve Types 1 Through 6

Christopher Kepler, MD, MBA

Professor of Orthopaedic Surgery, Jefferson University Hospitals; Spine Surgeon, Rothman Institute and Jefferson Medical College, Philadelphia, Pennsylvania
Ankylosing Spondylitis: Posterior Approaches (Osteotomy) to the Cervical and Lumbar Spine in the Management of a Fixed Sagittal Plane Deformity

Edward E. Kerr, MD

Resident, Department of Neurological Surgery, University of California, Davis Medical Center, Sacramento, California
Surgical Technique for Resection of Intradural Tumors

Daniel H. Kim, MD

Director, Reconstructive Spinal and Peripheral Nerve Surgery, Mischer Neuroscience Institute; Professor, Vivian L. Smith Department of Neurosurgery, University of Texas Health Science Center, Houston, Texas
Anterior Approaches to the Cervicothoracic Junction Thoracoscopic and Posterior Endoscopic Approaches to the Thoracic Spine

Surgical Anatomy and Posterior Approach to the Thoracic and Thoracolumbar Spine
Thoracoabdominal Approach to the Thoracolumbar Junction
Posterior and Transforaminal Lumbar Interbody Fusion
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Ilsep Kim, MD

Assistant Professor, Department of Neurosurgery, St. Vincent's Hospital, The Catholic University of Korea, Suwon, Korea
Anterior Approaches to the Cervicothoracic Junction
Thoracoscopic and Posterior Endoscopic Approaches to the Thoracic Spine
Posterior and Transforaminal Lumbar Interbody Fusion
Surgical Resection of Sacral Tumors/Sacrectomy and Lumbopelvic Reconstruction

Kee D. Kim, MD

Associate Professor, Chief, Spinal Neurosurgery, University of California–Davis School of Medicine, Sacramento, California
Cervical Microforaminotomy and Decompressive Laminectomy
Primary Malignant and Benign Tumors of the Spine
Secondary Metastatic Tumors of the Spine
Surgical Technique for Resection of Intradural Tumors

Yong-Chul Kim, MD

Professor, Department of Anesthesiology and Pain Medicine, Seoul National University College of Medicine; Director, Pain Management Center, Seoul National University Hospital, Seoul, Korea
Vertebroplasty and Kyphoplasty

Matthew M. Kimball, MD

Resident, Department of Neurosurgery, University of Florida College of Medicine, Gainesville, Florida
Transoral Approach to the Craniocervical Junction and Upper Cervical Spine
Approaches to the Craniocervical Junction: Posterior and Lateral Approaches

Eric O. Klineberg, MD

Assistant Professor, Spine Fellowship Program Director, Assistant Residency Director, University of California–Davis, Sacramento, California
Primary Malignant and Benign Tumors of the Spine

Brian Kwon, MD

Assistant Clinical Professor, Department of Orthopedic Surgery, Tufts University School of Medicine, New England Baptist Hospital, Boston, Massachusetts
Posterior and Posterolateral Approaches to the Lumbar Spine

Heum Dai Kwon, MD

Visiting Scholar, Department of Neurological Surgery, University of California–Davis School of Medicine, Sacramento, California
Cervical Microforaminotomy and Decompressive Laminectomy

Matthew Lafleur, MD

Orthopaedic Surgeon, North Oaks Health System, Hammond,
Louisiana
Axial Lumbar Interbody Fusion

Carl Laurysen, MD

Department of Neurological Surgery, Cedars Sinai Medical Center,
Los Angeles, California
Anterior Lumbar Interbody Fusion

Tien V. Le, MD

Department of Neurosurgery and Brain Repair, University of South
Florida, Tampa, Florida
*Surgical Anatomy and Biomechanics in the Mid and Lower
Cervical Spine*

John Y.K. Lee, MD

Assistant Professor of Neurosurgery, Attending Neurosurgeon, and
Medical Director, Penn Gamma Knife, Pennsylvania Hospital,
University of Pennsylvania School of Medicine, Philadelphia,
Pennsylvania
Endoscopic Approaches to the Craniovertebral Junction

Jun Ho Lee, MD

Neurosurgeon, Wooridul Spine Hospital, Seoul, Korea
*Anterior and Posterior Endoscopic Approaches to the Cervical
Spine*

Peter Lee, MD

Department of Neurological Surgery, Northwestern University
Feinberg School of Medicine, Chicago, Illinois
Surgical Anatomy and Operative Techniques of Lumbar Stenosis

Sang-Ho Lee, MD, PhD

Founder and President, Wooridul Spine Hospital; President-Elect,
International Musculoskeletal Laser Society (IMLAS) and
Founding President of Asian Academy of Minimally Invasive
Spinal Surgery, Seoul, Korea
Percutaneous Endoscopic Discectomy

William Lee, MD

Resident, Department of Neurosurgery, University of Illinois
College of Medicine, Peoria, Illinois
*Surgical Anatomy and Biomechanics of the Craniovertebral
Junction*

Ronald Lehman, MD

Department of Orthopaedics and Rehabilitation, Walter Reed
National Military Medical Center,
Division of Orthopaedics, Department of Surgery, Uniformed
Services University of the Health Sciences, Bethesda, Maryland
Surgical Treatment of Flat Back Deformity

G. Michael Lemole Jr, MD

Division of Neurological Surgery, Department of Surgery,
University of Arizona Health Sciences Center, Tucson, Arizona
Vascular Lesions of the Spinal Cord

Lawrence G. Lenke, MD

The Jerome J. Gilden Endowed Professor, Orthopaedic Surgery; Chief,
Orthopedic Spine Surgery; Co-Director, Adult/Pediatric Scoliosis
and Reconstructive Spinal Surgery; Professor, Neurological Surgery,
Washington University School of Medicine, St. Louis, Missouri
*Surgical Treatment of Adolescent Idiopathic Scoliosis: Lenke
Curve Types 1 Through 6*

Michael Lim, MD

Assistant Professor of Neurosurgery and Oncology, Director of
the Metastatic Brain Tumor Center, Director of Brain Tumor
Immunotherapy, Johns Hopkins University School of Medicine,
Baltimore, Maryland
*Posterior Approaches to the Craniovertebral Junction: Lateral
Transcondylar Approach*

John C. Liu, MD

Department of Neurological Surgery, Cedars Sinai Medical Center,
Los Angeles, California
Lateral Lumbar Interbody Fusion

Steven C. Ludwig, MD

Associate Professor of Orthopaedics, Department of Orthopaedics,
University of Maryland, Baltimore, Maryland
Surgical Management of Sacral Fractures

Hani R. Malone, MD

Resident, Department of Neurosurgery, Columbia University
Medical Center, New York, New York
*Thoracic Microdiscectomy: Lateral and Posterolateral
Approaches*

Rex A.W. Marco, MD

Associate Professor of Surgery, Chief of Spine Surgery and
Musculoskeletal Oncology, University of Texas Medical School;
Clinical Assistant Professor, Department of Orthopaedic
Surgery, Baylor College of Medicine; Adjunct Assistant
Professor, Department of Bioengineering, Rice University,
Houston, Texas
*Anterior Retroperitoneal Approach to the Lumbar Spine
Surgical Management of Degenerative Lumbar Scoliosis*

Nikolay L. Martirosyan, MD

Division of Neurological Surgery, Department of Surgery,
University of Arizona Health Sciences Center, Tucson, Arizona
Vascular Lesions of the Spinal Cord

Tobias A. Mattei, MD

Fellow, Department of Neurosurgery, University of Illinois College
of Medicine, Peoria, Illinois
*Surgical Anatomy and Biomechanics of the Craniovertebral
Junction*

Marcus D. Mazur, MD

Resident, Department of Neurosurgery, University of Utah School
of Medicine, Salt Lake City, Utah
Odontoid Fractures and Screw Fixation

Beck Deal McAllister, MD

Tri-Parish Orthopedic & Neurological Institute, Houma, Louisiana

Todd McCall, MD

Assistant Professor of Neurosurgery, University of Illinois College of Medicine, Peoria, Illinois
Surgical Anatomy and Biomechanics of the Craniovertebral Junction

Ehud Mendel, MD

Department of Neurological Surgery, The James Comprehensive Cancer Center and The Wexner Medical Center at the Ohio State University, Columbus, Ohio
Surgical Approaches to Thoracic Primary and Secondary Tumors

Ahmed Mohyeldin, MD

Department of Neurological Surgery, The James Comprehensive Cancer Center and The Wexner Medical Center at the Ohio State University, Columbus, Ohio
Surgical Approaches to Thoracic Primary and Secondary Tumors

Robert A. Morgan, MD

Assistant Professor of Orthopaedic Surgery, University of Minnesota; Orthopaedic Surgeon, Regions Hospital, St. Paul, Minnesota
Surgical Management of Scheuermann Kyphosis

Sergey Neckrysh, MD

Department of Neurosurgery, College of Medicine, University of Illinois at Chicago, Chicago, Illinois
Vascular Lesions of the Spinal Cord

Alfred T. Ogden, MD

Director, Minimally Invasive Spine Surgery Program, New York Presbyterian Hospital/Columbia University Medical Center, New York, New York
Thoracic Microdisectomy: Lateral and Posterolateral Approaches

Jae Keun Oh, MD

Spine Center, Department of Neurosurgery, Hallym University Sacred Heart Hospital, Seoul, Korea
Posterior Cervical Stabilization Techniques: Cervical Pedicle Screw Fixation, Lateral Mass Screw Fixation, and Wiring

Ibrahim Omeis, MD

Assistant Professor, Department of Neurosurgery, Baylor College of Medicine, Houston, Texas
Surgical Decompression and Stabilization for Lumbar Lesions: Osteomyelitis and Tumors

Jennifer Orning, MD

Resident, Department of Neurosurgery, University of North Carolina School of Medicine, Chapel Hill, North Carolina
Surgical Approaches to Lumbar Fractures

Adetokunbo Oyelese, MD, PhD

Assistant Professor, Department of Neurosurgery, Brown University, Providence, Rhode Island
Surgical Approaches to the Craniovertebral Junction in Rheumatoid Arthritis

Donato Pacione, MD

Department of Neurosurgery, New York University Langone Medical Center, New York, New York
Posterior Approaches to the Cervicothoracic Junction: Transpedicular, Costotransversectomy, Lateral Extracavitary, and Parascapular Extrapleural Approaches

Ripul R. Panchal, DO

Assistant Professor, Department of Neurological Surgery, University of California, Davis Medical Center, Sacramento, California
*Primary Malignant and Benign Tumors of the Spine
 Secondary Metastatic Tumors of the Spine
 Surgical Technique for Resection of Intradural Tumors*

Paul Park, MD

Assistant Professor, Neurological Surgery, University of Michigan, Ann Arbor, Michigan
Surgical Decompression and Stabilization Techniques in Thoracic Trauma

Soo Young Park, MD

President of Medical Affairs, Seoul Chungdam Wooidul Spine Hospital, Seoul, Korea
Vertebroplasty and Kyphoplasty

Akash J. Patel, MD

Neuro-Spine Program, Division of Pediatric Neurosurgery, Texas Children's Hospital; Department of Neurosurgery, Baylor College of Medicine, Houston, Texas
*Surgical Approaches to Craniovertebral Junction Congenital Malformations, Chiari Malformations, and Cranial Settling (Invagination)
 Anterior Release and Fusion Techniques for Scoliosis*

Vikas Patel, MD

Associate Professor of Orthopaedic Surgery, University of Colorado School of Medicine; Chief, Orthopaedic Spine Surgery, University of Colorado Hospital, Denver, Colorado
*Axial Lumbar Interbody Fusion
 Dural Tears*

Noel Perin, MD

Professor and Director of Minimally Invasive Spine Surgery, Department of Neurosurgery, New York University Langone Medical Center, New York, New York
Posterior Approaches to the Cervicothoracic Junction: Transpedicular, Costotransversectomy, Lateral Extracavitary, and Parascapular Extrapleural Approaches

Tiffany Grace Perry, MD

Spine Fellowship, Cleveland Clinic, Cleveland, Ohio
Surgical Approaches to Lumbar Fractures

Nicholas Pirnia, MD

General Orthopedic Surgery, Bay Area Bone & Joint Center,
Sacramento, California
Chapter 53

Edwin Ramos, MD

Department of Neurological Surgery, The James Comprehensive
Cancer Center and The Wexner Medical Center at the Ohio State
University, Columbus, Ohio
Surgical Approaches to Thoracic Primary and Secondary Tumors

Wilson Z. Ray, MD

Department of Neurosurgery, University of Utah, Salt Lake City,
Utah
Ossification of the Posterior Longitudinal Ligament

Shaan M. Raza, MD

Chief Resident, Department of Neurosurgery, Johns Hopkins
Medical Institutions, Baltimore, Maryland
*Posterior Approaches to the Craniovertebral Junction: Lateral
Transcondylar Approach*

Brandon J. Rebholz, MD

The Orthopedic Institute of Wisconsin, Milwaukee, Wisconsin

Jay Rhee, MD

Resident, Department of Neurosurgery, Georgetown University
Hospital, Washington, DC
Anterior Cervical Discectomy and Fusion

Albert L. Rhoton Jr, MD

Professor and Chairman, Department of Neurological Surgery,
University of Florida, Gainesville, Florida
*Transoral Approach to the Craniocervical Junction and Upper
Cervical Spine*
*Approaches to the Craniocervical Junction: Posterior and Lateral
Approaches*

Elizabeth S. Robinson, BS

University of Colorado Denver Health Sciences, Denver, Colorado
Dural Tears

Stephen I. Ryu, MD

Staff Neurosurgeon, Palo Alto Medical Foundation and Stanford
University Medical Center; Consulting Professor of Electrical
Engineering, Stanford University, Stanford, California
*Cervical Corpectomy, Fusion, and Vertebral Restoration
Techniques*

Faheem Sandhu, MD

Associate Professor, Department of Neurosurgery, Georgetown
University, Washington, DC
*Craniovertebral Junction Instabilities and Surgical Fixation
Techniques*

Meic H. Schmidt, MD

Chief, Division of Spine Surgery; Associate Professor of
Neurosurgery; Director, Spinal Oncology Service, Huntsman
Cancer Institute; Director, Neurosurgery Spine Fellowship,
University of Utah, Salt Lake City, Utah
Odontoid Fractures and Screw Fixation

Jonathan Sellin, MD

Neurosurgical Resident Physician, Baylor College of Medicine,
Houston, Texas
*Surgical Anatomy, Approaches, and Biomechanics in the
Lumbosacral Pelvic Junction*

Basheer A. Shakir, MD

Resident, Department of Neurosurgery, Georgia Health Sciences
University, Augusta, Georgia
Anterior Cervical Instrumentation Techniques

Jai-Joon Shim, MD, PhD

Associate Professor, Department of Neurosurgery, Soonchunhyang
University Cheonan Hospital, Chungcheongnam-do, Korea
*Surgical Anatomy and Posterior Approach to the Thoracic and
Thoracolumbar Spine*
Thoracoabdominal Approach to the Thoracolumbar Junction
*Surgical Decompression and Stabilization for Lumbar Lesions:
Osteomyelitis and Tumors*

Amit Sood, MD

Resident, Department of Orthopaedics, University of Medicine and
Dentistry–New Jersey Medical School, Newark, New Jersey
*Bacterial, Fungal, and Tuberculosis Diskitis and Osteomyelitis of
the Cervical, Thoracic, and Lumbar Spine*

Patrick A. Sugrue, MD

Department of Neurological Surgery, Northwestern University
Feinberg School of Medicine, Chicago,
Illinois
Facet Dislocation Injuries and Surgical Management
Lateral Lumbar Interbody Fusion

Peter Syre, MD

Resident, Department of Neurosurgery, University of Pennsylvania,
Philadelphia, Pennsylvania
Endoscopic Approaches to the Craniovertebral Junction

Gabriel Tender, MD

Associate Professor of Clinical Neurosurgery, Adjunct Professor,
Family Nursing Department at Louisiana State University School
of Medicine, New Orleans, Louisiana
Surgical Management of Gunshot Wounds to the Spine

Khoi D. Than, MD

Resident, Department of Neurosurgery, University of Michigan,
Ann Arbor, Michigan
*Surgical Decompression and Stabilization Techniques in
Thoracic Trauma*

Nicholas Theodore, MD

Division of Neurological Surgery, Department of Surgery,
University of Arizona Health Sciences Center, Tucson, Arizona
Vascular Lesions of the Spinal Cord

Trent L. Tredway, MD

Department of Neurological Surgery and Department of
Orthopaedics and Sports Medicine, University of Washington,
Seattle, Washington
*Anterior and Posterior Cervicothoracic Junction Stabilization
Techniques*

Juan S. Uribe, MD

Department of Neurosurgery and Brain Repair, University of South
Florida, Tampa, Florida
*Surgical Anatomy and Biomechanics in the Mid and Lower
Cervical Spine*

Juan M. Valdivia-Valdivia, MD

Clinical Lecturer, Neurological Surgery, Department of
Neurosurgery, University of Michigan, Ann Arbor, Michigan
*Surgical Decompression and Stabilization Techniques in
Thoracic Trauma*

Steven Viljoen, MD

Department of Neurosurgery, University of Iowa, Iowa City, Iowa
Surgical Stabilization Techniques for Thoracolumbar Fractures

Michael J. Vives, MD

Associate Professor, Department of Orthopaedics, University of
Medicine and Dentistry–New Jersey Medical School, Newark,
New Jersey
*Bacterial, Fungal, and Tuberculosis Diskitis and Osteomyelitis of
the Cervical, Thoracic, and Lumbar Spine*

Jean-Marc Voyadzis, MD

Assistant Professor, Department of Neurosurgery, Medical Director,
CMH Neurosurgery Program, Georgetown University Hospital,
Washington, DC
Anterior Cervical Discectomy and Fusion

Jeff Wang, MD

University of California–Los Angeles, Los Angeles, California
Surgical Approaches to Cervical Kyphosis and Deformity

Michael Y. Wang, MD

Associate Professor, Departments of Neurological Surgery &
Rehabilitation Medicine, University of Miami Miller School of
Medicine, Miami, Florida
Anterior Lumbar Interbody Fusion

Taylor Wilson, BS

New York University Langone Medical Center, New York, New York
*Posterior Approaches to the Cervicothoracic Junction:
Transpedicular, Costotransversectomy, Lateral Extracavitary, and
Parascapular Extrapleural Approaches*

M. Neil Woodall, MD

Resident, Department of Neurosurgery, Georgia Health Sciences
University, Augusta, Georgia
Anterior Cervical Instrumentation Techniques

Robert J. Woodruff, MD

Physician, Black Hills Orthopedic and Spine Center, Rapid City,
South Dakota
Surgical Management of Degenerative Lumbar Scoliosis

Albert P. Wong, MD

Department of Neurological Surgery, Northwestern University
Feinberg School of Medicine, Chicago, Illinois
Surgical Anatomy and Operative Techniques of Lumbar Stenosis

Kirkham B. Wood, MD

Regions Hospital, St. Paul, Minnesota

Isaac Yang, MD

Department of Neurosurgery, David Geffen School of Medicine,
University of California–Los Angeles, Los Angeles, California
*Transmaxillary and Transmandibular Approaches to the Clivus
and Upper Cervical Spine*

Seong Yi, MD, PhD

Assistant Professor, Department of Neurosurgery, Yonsei University
College of Medicine, Seoul, Korea
Cervical Disk Arthroplasty Techniques

Do Heum Yoon, MD, PhD

Professor, Chief of Spinal Neurosurgery Section, Department of
Neurosurgery, Yonsei University College of Medicine, Seoul,
Korea
*Cervical Disk Arthroplasty Techniques
Posterior Cervical Stabilization Techniques: Cervical Pedicle
Screw Fixation, Lateral Mass Screw Fixation, and Wiring*

Usman Zahir, MD

Spine Fellow, Department of Orthopaedics, University of Maryland,
Baltimore, Maryland
Surgical Management of Sacral Fractures