

**MASSACHUSETTS GENERAL HOSPITAL  
DEPARTMENT OF ORTHOPAEDIC SURGERY**

**GRAND ROUNDS**

**Lawrence G. Lenke, MD**

*Surgeon-in-Chief*

*The Daniel and Jane Och Spine Hospital at New York-Presbyterian*

*Allen Professor and Chief of Spinal Surgery*

*Chief of Spinal Deformity Surgery*

*Co-Director, Adult and Pediatric Comprehensive Spine Surgery Fellowship*

*Department of Orthopedic Surgery*

*Columbia University*

***“Adult Idiopathic Scoliosis (AdIS): A New Classification  
System and Treatment Recommendations”***



**Thursday, October 29, 2020  
6:45am - 7:45am**

**Live Streamed & Recorded  
on Zoom**





**Lawrence G. Lenke, MD** is the Chief of Spinal Surgery of Columbia University Department of Orthopedics and Surgeon-In-Chief at The Spine Hospital at New York Presbyterian/The Allen Hospital. His practice is devoted exclusively to the treatment of complex pediatric and adult spinal deformity. He treats patients at The Spine Hospital and The Children’s Hospital of New York, both located in Manhattan.

Dr. Lenke graduated Summa Cum Laude from the University of Notre Dame and attended medical school at Northwestern University in Chicago, also graduating with honors. He completed his surgical internship and orthopaedic surgical residency at Washington University School of Medicine, where he also completed a pediatric and adult spinal surgery fellowship. Dr. Lenke remained at Washington University as an attending spinal surgeon, rising from the ranks of Assistant Professor to the Jerome J. Gilden Distinguished Professor of Orthopaedic Surgery in less than 10 years. He was in practice there for 22 years and moved his practice to Columbia University/New York-Presbyterian Hospital System in New York in July 2015.

Dr. Lenke is world-renowned for the surgical treatment of pediatric and adult patients with various forms of spinal pathology with expertise in the most complex deformities. Thus, he is a leading authority on such spinal deformities as scoliosis, kyphosis, kyphoscoliosis, flatback syndrome, high-grade spondylolisthesis, and major coronal and sagittal malalignment and imbalance. His prolific clinical research culminating in numerous publications (over 450), presentations (over 1000), as well as presiding as chair of over 100 spinal surgery courses worldwide has led to innovative treatments for his patients and many others globally. He has edited several textbooks on spinal deformity surgery and serves as editor for such notable medical journals as Spine, The Journal of Bone and Joint Surgery, The Spine Journal, The Journal of Spinal Disorders & Techniques, Spine Deformity, Journal of Neurosurgery: Spine, and the Journal of Pediatric Orthopaedics. Dr. Lenke has been listed in America’s Top Doctors for the past 11 years and Best Doctors in America the past 16 years. Dr. Lenke was honored with the North American Spine Society’s 2013 Leon Wiltse Award for excellence in leadership and/or clinical research in spine care. Also in 2013, Dr. Lenke was listed in Orthopedics This Week as one of “The Top 28 Spine Surgeons in North America”. He served as president of the Scoliosis Research Society (SRS) in 2010-2011, the oldest and most prestigious spine society in the world whose single focus is the advancement of care in patients with spinal deformity. While president of the SRS, he chaired a task force that led to the development of Spine Deformity, which debuted in January 2013 as the official journal of the SRS.

Dr. Lenke’s clinical research has centered on the indications, radiographic and clinical outcomes, technical improvements, complications, and safety for pediatric and adult patients with various forms of spinal deformities undergoing operative intervention. Through retrospective analysis and prospective studies, many landmark studies have been presented at societal meetings and published in highly respected peer-review journals which have helped shape the evaluation and treatment of both the straight-forward to the most complex spinal deformity patients. He is principal investigator of a landmark international research study, “Evaluation of Neurologic Complications Associated with Surgical Correction of Adult Spinal Deformity (Scoli-RISK-1): A Prospective, Observational, Multi-center Study” in collaboration with AO Spine International and the SRS, which won the Russell A. Hibbs Clinical Award for Best Clinical Paper at the 48th SRS Annual Meeting in 2013 in Lyon, France. He also leads the Fox Pediatric Spinal Deformity Study (PSDS) group of 15 nationally renowned pediatric spinal surgeons investigating surgical treatment of the most severe pediatric spinal deformities with the goal of optimizing intraoperative and postoperative safety.

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6:45am	<b><i>Welcome</i></b>	Stuart H. Hershman, MD <i>Spine Surgeon Department of Orthopaedic Surgery Massachusetts General Hospital</i>
6:50am	<b><i>“Adult Idiopathic Scoliosis (AdIS): A New Classification System and Treatment Recommendations”</i></b>	Lawrence G. Lenke, MD
7:30am	<b><i>Discussion</i></b>	Moderator: Stuart H. Hershman, MD
7:45am	<b><i>Wrap-up / Adjourn</i></b>	Stuart H. Hershman, MD