The Spine Institute at UHealth – University of Miami Health System can provide your patients with the most innovative diagnostics and cutting-edge treatments available for complex spinal disorders and injuries.

We use a multi-disciplinary team approach to treat a full spectrum of spine problems. Our team includes world-renowned neurosurgical and orthopaedic spine surgeons, as well as physicians and other specialists in rehabilitation medicine, neurology, neuroradiology, anesthesiology, and pain management.

Patients treated at UHealth’s Spine Institute also benefit from the scientific research being conducted at the Miami Project to Cure Paralysis at the University of Miami Leonard M. Miller School of Medicine. This research is developing more effective treatments for paralysis caused by spinal cord injury and other neurological injuries and disorders. A key focus of this research is nerve regeneration in the hopes of restoring mobility in paralyzed patients. The goal is to, one day, enable these patients to walk.

We practice at the specialty University of Miami Hospital & Clinics attached to the Sylvester Comprehensive Cancer Center; at the 560-bed, acute-care University of Miami Hospital; and at Jackson Memorial Hospital, a 1,500-bed tertiary care facility on our medical campus.
OUR TEAM

**NEUROLOGICAL SURGERY**

Barth A. Green, M.D., F.A.C.S.
Allan D. Levi, M.D., Ph.D., F.A.C.S.
Ryan Trombly, M.D.
Steve Vanni, D.O., D.C.
Michael Y. Wang, M.D., F.A.C.S.

Pier McCarr, A.R.N.P., B.C.
Sherri Patcher, A.R.N.P., B.C., C.N.R.N.
Ruth Perez, A.R.N.P., B.B., C.N.R.N.
Cathy Rosenberg, A.R.N.P., B.C., C.N.R.N.

**ORTHOPAEDIC SURGERY**

Mark D. Brown, M.D., Ph.D.
Frank J. Eismont, M.D.
Nathan H. Lebwohl, M.D.
Seth Williams, M.D.

Laurie Roberti, A.R.N.P., C.R.R.N.
Toni Cawley, R.N., O.N.C.

**REHABILITATION MEDICINE**

Diana D. Cardenas, M.D.
Tamar Ference, M.D.
Robert Irwin, M.D.
Andrew L. Sherman, M.D.
Erin Wolff, M.D.

**NEUROLOGY**

Alberto Martinez-Arizala, M.D.

**NEURORADIOLOGY**

Rita Bhatia, M.D.
Brian Bowen, M.D., Ph.D.
Steve Falcone, M.D.
Judith Post, M.D.
Robert Quencer, M.D.
Efrat Saraf-Lavi, M.D.
Evelyn Sklar, M.D.

**ANESTHESIOLOGY/PAIN MANAGEMENT**

Salahadin Abdi, M.D, Ph.D.
Denis Patin, M.D.
BARTH A. GREEN, M.D., F.A.C.S.

Chairman, Department of Neurological Surgery, Miller School of Medicine
Professor, Department of Neurological Surgery, Orthopaedics, and Rehabilitation, Miller School of Medicine
President and Clinical Program Director for Applied Research, The Miami Project to Cure Paralysis, Miller School of Medicine

AREAS OF SPECIALIZATION

Spinal surgery for degenerative disease/stenosis/herniated disc
Spinal surgery for spinal cord injury and trauma
Spinal cord tethering/cord cyst
Chiari I malformation and syringomyelia
Spinal cord and nerve root tumors

EDUCATION AND TRAINING

Undergraduate – Indiana University
Medical School – Indiana University School of Medicine
Residency – Northwestern University School of Medicine

OTHER KEY APPOINTMENTS

Chief of Neurosurgery Service, Jackson Memorial Hospital

CERTIFICATIONS

American Board of Neurological Surgery
American College of Surgeons

ALLAN D. LEVI, M.D., Ph.D., F.A.C.S.

Professor, Department of Neurological Surgery, Orthopaedics, and Rehabilitation, Miller School of Medicine
Chief of Neurosurgery, University of Miami Hospital
Staff Scientist, The Miami Project to Cure Paralysis, Miller School of Medicine

AREAS OF SPECIALIZATION

Spinal surgery for trauma, degenerative disk disease, tumors, rheumatoid arthritis
Craniovertebral junction pathology/CIC2 instability
Complex spinal instrumentation
Artificial cervical disc
Peripheral nerve surgery
Minimally invasive spinal surgery

EDUCATION AND TRAINING

Undergraduate – University of Ottawa
Medical School – University of Ottawa
Residency – University of Toronto
Doctorate – Miller School of Medicine
Fellowship – Barrow Neurological Institute, Phoenix

OTHER KEY APPOINTMENTS

Director, Neurosurgical Spine Fellowship Program, Jackson Memorial Hospital
Chief, Neuropsychiatric Services, Jackson Memorial Hospital
Member, AANS/CNS Joint Spine Section Executive Committee

CERTIFICATIONS

American Board of Neurological Surgery
Royal College of Physicians and Surgeons of Canada
American College of Surgeons
Ryan S. Trombly, M.D.

Assistant Professor of Clinical Neurological Surgery, Orthopaedics, and Rehabilitation, Miller School of Medicine

Areas of Specialization
- Spinal surgery for trauma, degenerative disk disease, neoplasm
- Complex spinal instrumentation
- Spine fractures/kyphoplasty
- Conservative management and alternative management of back pain, back injuries

Education and Training
- Undergraduate – Harvard University Medical School – Tufts University School of Medicine
- Internship – Miller School of Medicine
- Residency – Miller School of Medicine

Certifications
- Neurological Surgery by the Osteopathic Medical Examiners
- National Board Of Osteopathic Medical Examiners
- National Board of Chiropractic Examiners
- Florida Board of Chiropractic Medicine
- Physiotherapy

Steven Vanni, D.O., D.C.

Assistant Professor of Clinical Neurological Surgery, Orthopaedics, and Rehabilitation, Miller School of Medicine

Areas of Specialization
- Spinal surgery for trauma, degenerative disk disease, neoplasm, rheumatoid arthritis
- Complex spinal instrumentation
- Degenerative scoliosis/XLIF
- Spine fractures/kyphoplasty
- Artificial lumbar disc
- Conservative management and alternative management of back pain, spine infections, and back injuries
- Minimally invasive spinal surgery

Education and Training
- Undergraduate – Miami-Dade Community College
- Chiropractic Medicine – Life Chiropractic College
- Medical School – Nova Southeastern University
- Residency – Long Island Jewish Medical Center/North Shore University Hospital
- Fellowship – Miller School of Medicine, Jackson Memorial Hospital

Certifications
- Neurological Surgery by the Osteopathic Medical Examiners
- National Board Of Osteopathic Medical Examiners
- National Board of Chiropractic Examiners
- Florida Board of Chiropractic Medicine
- Physiotherapy
MICHAEL Y. WANG, M.D., F.A.C.S.

Associate Professor of Neurological Surgery and Rehabilitation, Miller School of Medicine

- Complex spinal instrumentation
- Cervical and lumbar disc replacement
- Syringomyelia
- Spinal cord injury
- Sports related injuries
- Surgery for neuropathic pain
- Minimally invasive spinal surgery

EDUCATION AND TRAINING

- Undergraduate – Stanford University Medical School
- Medical School – Stanford University Medical School
- Residency – University of Southern California
- Fellowship – Miller School of Medicine

OTHER KEY APPOINTMENTS

- Co-director, Acute Spinal Cord Injury Unit, Jackson Memorial Hospital
- Executive Committee, AANS/CNS Joint Spine Section Executive Committee
- Executive Member, Congress of Neurological Surgeons Educational Committee
- Chairman, AANS/CNS Joint Spine Section Education Committee

CERTIFICATIONS

- American Board of Neurological Surgery

FRANK J. EISMONT, M.D.

Chairman, Department of Orthopaedics, Miller School of Medicine

- Director, Orthopaedic Residency Education Program, Miller School of Medicine
- Co-Director, Acute Spinal Cord Injury Unit, Jackson Memorial Hospital
- Professor of Orthopaedics, Miller School of Medicine
- Clinical Professor, Department of Neurosurgery, Miller School of Medicine
- George and Marla Bergmann Endowed Chair in Orthopaedics

AREAS OF SPECIALIZATION

- Disorders of the cervical, thoracic, and lumbar spine
- Spinal surgery for trauma, degenerative disease, tumors, rheumatoid arthritis, infection
- Spinal instrumentation; C1-2 instability
- Sacral tumors

EDUCATION AND TRAINING

- Undergraduate – University of Rochester Medical School
- Medical School – University of Rochester Medical School
- Residency – Case Western Reserve University/University Hospitals of Cleveland
- Fellowship – Case Western Reserve University/University Hospitals of Cleveland
- Fellowship – The Pennsylvania Hospital

OTHER KEY APPOINTMENTS

- Attending Orthopaedic Surgeon, Miami Veterans Administration Hospital
- Consultant to Spinal Cord Injury Unit, Miami Veterans Administration Hospital

CERTIFICATIONS

- American Board of Orthopaedic Surgeons
- American College of Surgeons
- National Board of Medical Examiners
MARK D. BROWN, M.D., Ph.D.

Chairman Emeritus, Department of Orthopaedics, Miller School of Medicine
Director, Miami Center for Orthopaedic Research and Education (Miami CORE)
Professor of Orthopaedics, Miller School of Medicine
Professor, Department of Neurological Surgery, Miller School of Medicine

Disorders of the lumbar spine

AREAS OF SPECIALIZATION

EDUCATION AND TRAINING

Undergraduate – University of Delaware Medical School – Jefferson Medical College
Doctorate – Thomas Jefferson University
Residency – Thomas Jefferson University Hospital

OTHER KEY APPOINTMENTS

Associate Director, University of Miami Tissue Bank
Chief of Service, Orthopaedics and Rehabilitation, Jackson Memorial Hospital
Sabbatical, Departments of Orthopaedics and Anatomy, University of Göteborg, Sweden
Staff Orthopaedic Surgeon, Bethesda Naval Hospital

CERTIFICATIONS

American Board of Orthopaedic Surgery

NATHAN H. LEBWOHL, M.D.

Chief of Spinal Deformity Surgery
Associate Professor of Orthopaedics, Voluntary, Miller School of Medicine
Associate Professor, Department of Neurological Surgery, Miller School of Medicine
Medical Director, Spine and Orthopaedic Units, Jackson Memorial Hospital
Medical Director, Outpatient Department I (OPD-I), University of Miami Hospital and Clinics (UMHC)

AREAS OF SPECIALIZATION

Spinal deformity/scoliosis, adult and child
Degenerative disorders
Spine fractures/kyphoplasty
Spinal stenosis, herniated disks
Spine tumors, spine infections
Special interest in the development of spinal instrumentation

EDUCATION AND TRAINING

Undergraduate – Columbia College Medical School – Harvard Medical School
Residency – New York Orthopaedic Hospital/Columbia Presbyterian Medical Center, New York, NY
Residency – Mount Sinai Medical Center
Kosair Spine Fellowship, Kenton D. Leatherman Spine Center, Norton and Kosair's Children's Hospital, University of Louisville, Louisville, KY

OTHER KEY APPOINTMENTS

Historian of the Scoliosis Research Society

CERTIFICATIONS

American Board of Orthopaedic Surgery
ABOUT UNIVERSITY OF MIAMI HEALTH SYSTEM

UHealth - University of Miami Health System delivers leading-edge patient care by top-ranked physicians. UHealth is a comprehensive network of six hospitals, two dozen outpatient facilities, 1,200 physicians, and more than 8,000 associates. UHealth is powered by the University of Miami Leonard M. Miller School of Medicine, whose groundbreaking research and education transforms patient treatment. As South Florida's only academic medical system, UHealth treats about 400,000 patients each year, delivering more than 1 million patient-care contacts.

ABOUT LEONARD M. MILLER SCHOOL OF MEDICINE

The University of Miami Leonard M. Miller School of Medicine was founded in 1952. Incredible growth has occurred in the last 56 years. In December 2004, the School of Medicine was renamed the Leonard M. Miller School of Medicine in recognition of an historic $100 million gift from the Miller family. More than 2,000 physicians and researchers are working daily to cure disease while training 700 medical students to become our next generation of medical leaders. Key areas of research include stem cells, genetics, paralysis, and diabetes, among others.
HOW TO REACH US

UHealth Spine Institute
UMHC/Sylvester
1475 N.W. 12th Avenue
Miami, Florida 33136

To make an appointment with Orthopaedic Surgery, please call 305-243-3000

To make an appointment with Neurological Surgery, please call 305-243-3274

Or visit us at: www.uhealthspineinstitute.com

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