



Quality

Musculoskeletal
CENTER OF EXCELLENCE



UMassMemorial
Health Care



University of
Massachusetts
UMASS Medical School



Among the clinical interests of Mark Price, MD, PhD, are complex shoulder procedures, including reverse shoulder replacements.

“Our selection to lead a landmark national study of total joint replacement patients to assess their quality of life after surgery is recognition that we provide the highest-quality orthopedics care to you.”

~ David Ayers, MD
Director, UMass Memorial Health Care
Musculoskeletal Center of Excellence

Expertise



Victoria Quattrucci, PT, is just one of the outstanding physical therapists who help our patients return to full function



David Magit, MD, examines a patient's range of motion following elbow surgery.

Nationally recognized care, conveniently close to home

When musculoskeletal problems such as joint or back pain or a sports injury or arthritis interfere with your ability to enjoy life fully, there's no need to travel far to get the very best care.

The UMass Memorial Health Care Musculoskeletal Center of Excellence provides a depth and breadth of expertise in orthopedics, physical rehabilitation, plastic and hand surgery, spine care, neurosurgery and rheumatology — for adults and children that is unmatched in this region. And our patient

outcomes are among the best.

One of the reasons we're considered a Center of Excellence is because our highly trained surgeons consistently perform high volumes of procedures. In other words, experience matters — and our surgeons' skills are reflected in how well our patients do.

Musculoskeletal CENTER OF EXCELLENCE

We offer a comprehensive range of musculoskeletal services, from orthopedic and joint surgery to arthritis care, from joint replacement to spine and back care, from complete physical, occupational and hand therapy services to sports medicine, in convenient, close-to-home locations.

If the quality of your life is being affected by arthritis, joint pain, back pain or other musculoskeletal problems, we can help.

Here's a closer look at all that the UMass Memorial Musculoskeletal Center of Excellence has to offer.

About Our Centers of Excellence

The Cancer, Diabetes, Heart and Vascular, and Musculoskeletal Centers of Excellence deliver seamless programs of quality and compassionate care for patients across our health care system. Developed to meet the needs of our community, our centers offer an experienced team approach to specialized treatment, advanced therapies and breakthrough clinical trials. Our highly trained physicians and staff provide patient-centered care in modern facilities with the latest technologies as we educate tomorrow's health care leaders and advance science through research at the University of Massachusetts Medical School.



Physical Therapist Victoria Quattrucci works to restore knee motion with patient Michael Valle.

Complete Subspecialty Care, All in One Place

At our Musculoskeletal Center of Excellence, we've brought together an outstanding team of national experts who provide care in every specialty area of orthopedics:

- **Arthritis and Joint Replacement Center** – A team of orthopedic surgeons, physiatrists, and physical therapists offers a full range of surgical and nonsurgical treatment options.
- **Spine Center** – Our spine-care orthopedists, neurosurgeons, physiatrists and rheumatologists treat congenital, degenerative and traumatic spine disorders in adults and children.
- **Rheumatology Center** – We are a regional referral center for the diagnosis and care of patients with arthritis and autoimmune and musculoskeletal disorders of the joints, bones and muscles.
- **Sports Medicine Center** – Our staff are recognized for their skill in diagnosing and treating injuries associated with sports and athletics, and returning patients to an active lifestyle quickly and safely.
- **Foot and Ankle Center** – For patients with acute and chronic foot and ankle disorders, our fellowship-trained foot and ankle specialists and podiatrists provide state-of-the-art care.
- **Hand and Upper Extremity Center** – A skilled team provides complete diagnosis and treatment for injuries and disorders of the hand, wrist, elbow and shoulder.
- **Orthopedic Oncology (Cancer)** – Our fellowship-trained orthopedic oncologist offers advanced subspecialty care for patients with benign, malignant and metastatic bone and soft-tissue cancers.
- **Pediatric Orthopedics** – Our pediatric orthopedic specialists provide care for the entire range of orthopedic problems from birth through adolescence.
- **Physical Medicine and Rehabilitation (Physiatry)** – Physiatrists — board-certified medical doctors who specialize in physical medicine and rehabilitation — use exercise-based rehabilitation and pain management techniques.
- **Fractures and Emergency Orthopedics** – Our fellowship-trained orthopedic trauma specialists care for adults and children in the region's only accredited Level One Trauma Center.

As part of our comprehensive care, our Center of Excellence also offers specialized services dedicated to women's health and children, and hand, physical and occupational therapy, including outpatient centers conveniently located near you.

“Now I have my life back, and I look forward to flying with my son, who has just joined me as a pilot with Continental Airlines.”

~ Bob Minarik, Douglas, MA
Knee Replacement Patient

Motion

Why Choose Us for Your Musculoskeletal Care?

- **Our patients do exceptionally well.** The most important measure of the quality of musculoskeletal care is how a patient's activity and physical functioning improve after treatment. According to the federal Agency for Healthcare Research and Quality, the Musculoskeletal Center of Excellence is a model program that is nationally recognized for the quality of our care and exceptional patient results.
- **We provide an unmatched depth of experience.** The more surgeons perform a procedure, the more skillful they become — and the better patients do. Our orthopedic surgeons, plastic surgeons and neurosurgeons consistently perform high volumes of procedures each year.
- **You have access to innovative new treatments.** We're actively engaged in medical research and clinical trials to develop new treatments and improve the quality of life for orthopedic patients. In fact, we're one of the top hospitals in the United States to receive research funding in orthopedics, proof of our expertise in this field. Advances we've helped to pioneer include less-invasive orthopedic surgery, knee replacements specific to men and women and new, longer-lasting artificial components.
- **The advantages of a teaching hospital enhance your care.** As a teaching hospital affiliated with the University of Massachusetts Medical School, our physicians remain up to date on the latest treatments, techniques and technology because they're teaching the next generation of physicians.
- **Educational services that go the extra mile.** Patients receiving care at any of our UMass Memorial Health Care hospitals learn what to expect before, during, and after knee and hip replacement surgery at the free Joint Replacement School, hosted by member hospital, HealthAlliance.
- **All the resources you need are all in one place.** In our patient-focused Center of Excellence, all the specialists you need are in a single location for fast, efficient access. And you don't have to travel into Boston to receive high-quality orthopedic care. It's all right here.

“My experience was truly amazing. I had a great surgeon who did fantastic work. You represent the essence of 21st century health care.”

~ Louis Lucas, Millbury, MA
Hip Replacement Patient

Comprehensive



Pediatric orthopedic surgeon Errol Mortimer, MD, enjoys caring for our smaller patients with bone and joint disorders, including Jaedin Villa (right).

But Don't Just Take Our Word for It



Strength



The UMass Memorial Musculoskeletal Center of Excellence has received local and regional recognition for its exceptional patient results, the region's most extensive team of specialists and a depth of experience that places us in the top ten percent of orthopedic programs in the nation.

- Our Center of Excellence is designated a **Blue Distinction Center for Specialty Care®** in knee and hip replacement.
- In 2010, the **Agency for Healthcare Research and Quality** selected the Musculoskeletal Center of Excellence to lead five other nationally respected orthopedic programs in recruiting patients and collecting data for a first-of-its-kind registry of total joint replacement patients to assess outcomes and quality of life.
- Orthopedic researchers at the Musculoskeletal Center of Excellence and the University of Massachusetts Medical School have achieved **national recognition and awards** for their work in improving functional results in patients who undergo total joint replacement surgery.

“The entire staff was very responsive, professional and really put my mind at ease. I was extremely happy with my experience at UMass Memorial.”

~Mel Cutler, Shrewsbury, MA
Hip Replacement Patient

Brian Busconi, MD, chief, Sports Medicine, often cares for members of one family, like Connor (seated) and sister Casey Roche. Mom Michelle (left) looks on.

Turn to Us with Confidence

At the UMass Memorial Musculoskeletal Center of Excellence, we're committed to helping you lead an active life. If joint or back pain, a sports- or work-related injury or other orthopedic or musculoskeletal problem prevents you from enjoying your regular activities, we're here to help — from initial consultation to diagnosis through treatment and recovery.

When you turn to us for care, you can feel confident that you'll receive the highest-quality care from a respected team of experienced musculoskeletal experts. You'll have access to the most advanced diagnostic and treatment resources. And it's all right here, close to home.

For more information about the care we provide at each of our hospitals, visit us at www.umassmemorial.org.

To schedule an appointment at the UMass Memorial Musculoskeletal Center of Excellence, please call 888-358-6277.

“For surgery, my mother and I researched different surgeons and hospitals. We chose UMass Memorial. I'm playing at 100 percent now.”

~ Laura Aloisi, Worcester, MA
Torn Anterior Cruciate Ligament
(ACL) Patient



Function



Spine Center Nurse Practitioner Patty MacCulloch, MS, APRN, ANP, teaches patient Renee Merolli about the anatomy of the spine.

Musculoskeletal

CENTER OF EXCELLENCE

The UMass Memorial Health Care Musculoskeletal Center of Excellence provides world-class care to patients in Central Massachusetts at convenient, close-to-home locations. With our member and affiliate community hospitals and our teaching and research partner, the University of Massachusetts Medical School, our multi-departmental center offers the most advanced and complete musculoskeletal and orthopedic specialty services in the region. Our experienced team excels in the diagnosis, treatment and rehabilitation of musculoskeletal conditions to meet our patients' needs and return them to full function and renewed quality of life.

Based on our longstanding recognition as a model musculoskeletal program that provides quality care and successful results for our patients, the Musculoskeletal Center of Excellence was selected to lead a landmark national study of total joint replacement patients. This decade-long study holds tremendous promise for further improving treatments and functional outcomes.

www.umassmemorial.org/ortho

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