

ORTHOPEDIC SURGERY

PHYSICIAN UPDATE E-EDITION



October 2019



Patient Care

[Approach to treating proximal humeral fractures prioritizes patients](#)

Mayo Clinic's orthopedic surgeons have experience with both surgical repair and reverse total shoulder replacement. The breadth of available options facilitates individualized treatment.

[Novel techniques can manage back pain after back surgery](#)

Mayo Clinic's approach focuses on the sacroiliac (SI) joint, an underrecognized source of pain. The SI joint can react adversely to increased forces after spinal fusion.

[Unique testing aids individuals with upper motor neuron syndrome](#)

A Mayo Clinic laboratory uses dynamic electromyography with motion analysis to identify candidates for muscle transfer surgery. The procedure can help restore upper-body function and reduce pain.

[Subspecialized foot and ankle care facilitates return to play](#)

Mayo Clinic's orthopedic surgeons specializing in foot and ankle procedures can help athletes to safely achieve their goals.

[Clinical trial evaluates tool to lessen morbidity after sarcoma surgery](#)

Wound-healing complications are common after surgical resection for soft tissue sarcoma. Intraoperative fluorescence angiography assesses blood flow and tissue perfusion, allowing for the surgical removal of nonviable tissue.

[Team approach enhances surgery for complex spinal oncology](#)

Mayo Clinic's orthopedic surgeons work alongside neurosurgeons and ENT surgeons to optimize the results of complex procedures.



Research

[See all Orthopedic Surgery Clinical Trials at Mayo Clinic](#)



Education

[Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2020](#)

Jan. 25-26, 2020, in Scottsdale, Ariz.

This course provides information on the latest treatment options for shoulder and elbow arthroplasty, arthroscopy, fracture and reconstruction. Topics include the best current practice in diagnosis, treatment and new technology.

[10th Annual Comprehensive Sports Medicine Update and Board Review 2020](#)

June 17-20, 2020, in Minneapolis

This course provides a comprehensive review of all subjects contained in the sports medicine board examination. The faculty includes internationally recognized experts in the field of sports medicine.

[See all Orthopedic Surgery Continuous Professional Development courses](#)



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