

COLLEGE OF MEDICINE TUCSON Medical Imaging

# Grand Rounds

# IMAGING OF SOFT TISSUE TUMORS: A SYSTEMATIC APPROACH



presented by

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# 10/5/22, 12:00 – 1:00 pm COM-T Room 2117

Attendance Code: **929080** Live streaming via <u>Zoom</u>

Dr. Mark Kransdorf is recognized as an accomplished musculoskeletal radiologist with expertise in radiologic pathology. He received his Bachelor of Science degree from the United States Military Academy at West Point, and his M.D. degree from the Medical College of Virginia. He completed his internship and residency in Diagnostic Radiology at Walter Reed Army Medical Center in Washington, D.C. and an Orthopedic Radiologic Pathology Fellowship at the Armed Forces Institute of Pathology. He concluded his Army service as the Chief of Musculoskeletal Radiologic Pathology at the Armed Forces Institute of Pathology in Washington, D.C, in April 1993. Following his retirement from the Army, he entered private practice, subsequently joining the Mayo Clinic in 1999.

Dr. Kransdorf is a past President of the Society of Skeletal Radiology; the organization representing musculoskeletal radiology in North America. He is currently an Editor of Skeletal Radiology, the Journal of the International Skeletal Society and the Official Journal of the Society of Skeletal Radiology. Additionally, he was a Visiting Professor in Musculoskeletal Radiology, Department of Radiologic Pathology, Armed Forces Institute of Pathology, Washington, DC, for more than 25 years.



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## ABSTRACT

Imaging technology plays an essential role in the diagnosis of soft tissue tumors as well as in surgical planning. Not only can imaging studies such as CT and MRI determine the relationship between a tumor and adjacent vessels and nerves, but, because some soft tissue tumors possess specific radiologic presentations, imaging can help pinpoint the tumor type.

### OBJECTIVES

 Establish a systematic approach to the evaluation of soft tissue tumors.
Identify features useful in distinguishing benign and malignant tumors.

 Recognize methodology needed to form a differential diagnosis.
Apply advanced quantitative techniques when appropriate.

#### CME CREDIT/DISCLAIMER ACCREDITATION STATEMENT

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