Musculoskeletal Best Case
14-year-old female with two months of thigh pain
Coronal dynamic MRA

Early arterial

Early venous
MYOSITIS OSSIFICANS

Dr. Ryan Murphy
University of Texas Southwestern
Dallas, Texas
Gastrointestinal Best Case
Clinical information

36-year-old white male with liver failure.
Langerhans cell histiocytosis of liver

Negaur Iranpour, MD
University of Pittsburgh Medical Center
Pittsburgh, PA
Neuroradiology Best Case
Clinical Information

8-year-old female with oppressive frontal headaches, sonophobia, and photophobia for 1 year. Presented to local hospital with intense headache awakening her from sleep and vomiting.
Echinococcosis

Luisa Fernanda Londoño Villa, M.D.
Hospital Universitario y Politecnico La Fe
València, Spain
Cardiovascular Best Case
Clinical information

21 y.o. male with generalized malaise and shortness of breath.
Contrast-enhanced axial CT
Pericardium

Intrapericardial Lesion

Right Ventricle
H & E Stain

- Spindle cells (red arrow)
- Epithelial cells (blue arrow)
- Compatible with a BIPHASIC SARCOMA
Cytokeratin Immunohistochemistry

- Cytokeratin cytoplasmic staining of epithelial cells (red arrow)
Biphasic Synovial Sarcoma of the Pericardium

Guylaine Gleeton
IUCPQ Hospital
Quebec, Canada
Pediatric Best Case
Clinical information

Term infant presented at birth with prenatal ultrasound findings concerning for multiple anomalies including VSD, aortic arch abnormality, hemivertebrae, single umbilical artery, and omphalocoele.
Interrupted Aortic Arch

Megan Sue, MD
Ronald Reagan UCLA Medical Center
Los Angeles, CA
Clinical information

62-year-old woman with abnormal screening mammogram. History of prior benign breast biopsy.
Primary Amyloidosis of the Breast

Rimpi Saini, MD
Truman Medical Center
Kansas City, Missouri
Genitourinary Best Case
Clinical information

30 year old female with prior history of caesarean section. Second trimester ultrasound demonstrated a complex fetal cardiac anomaly with posterior low lying placenta.
Vasa previa with velamentous cord insertion

Michael Weintraub, MD
University of Utah
Salt Lake City, UT