

BEST CASES OF THE AIRP

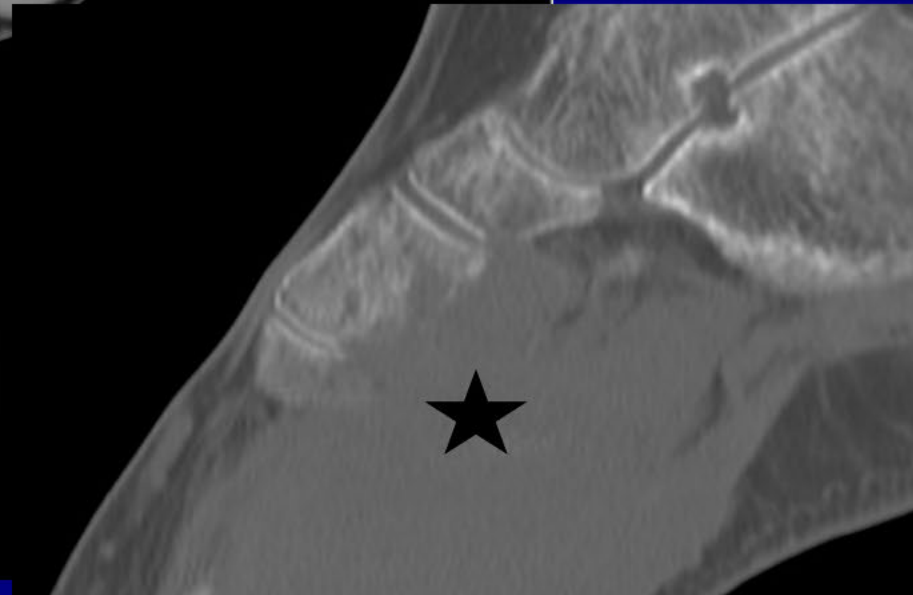
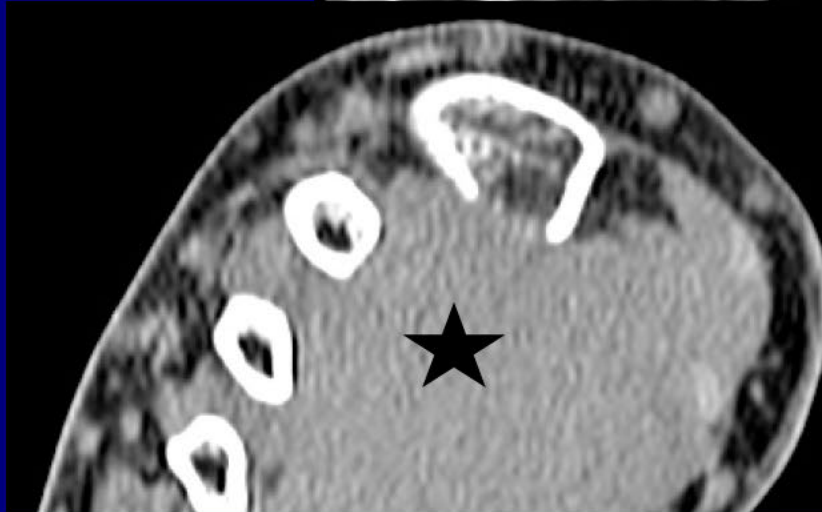
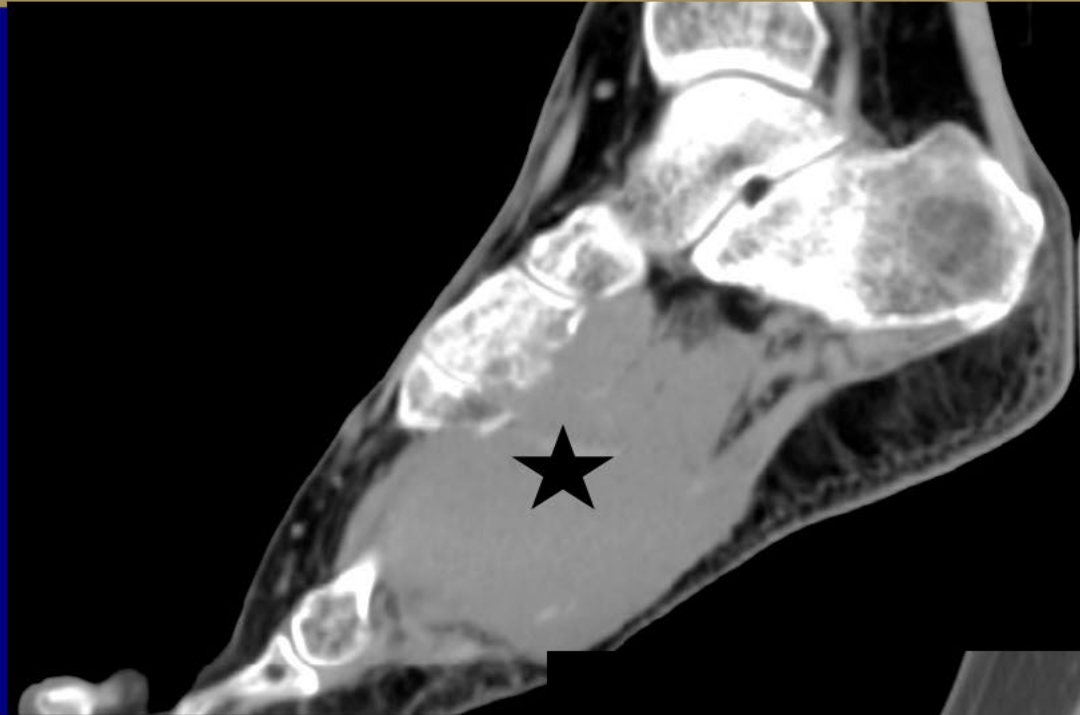
April 25 – May 20, 2011

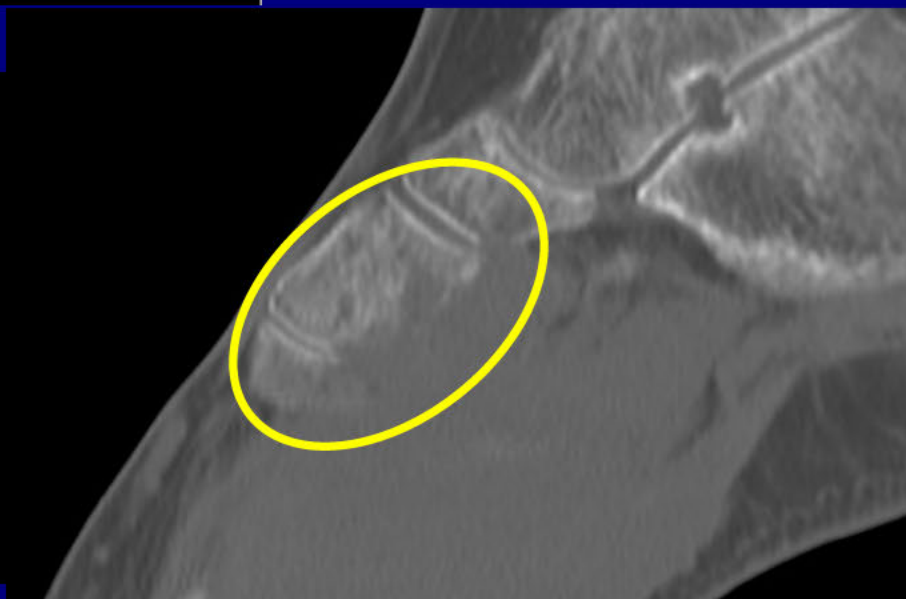
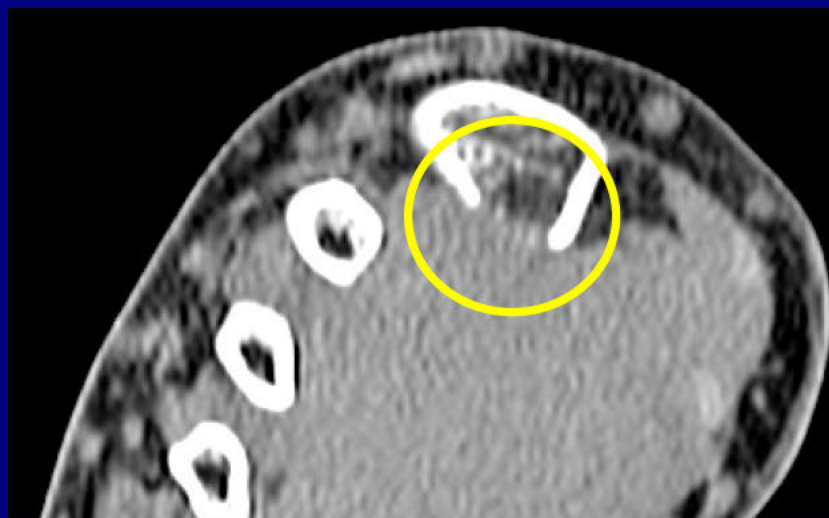
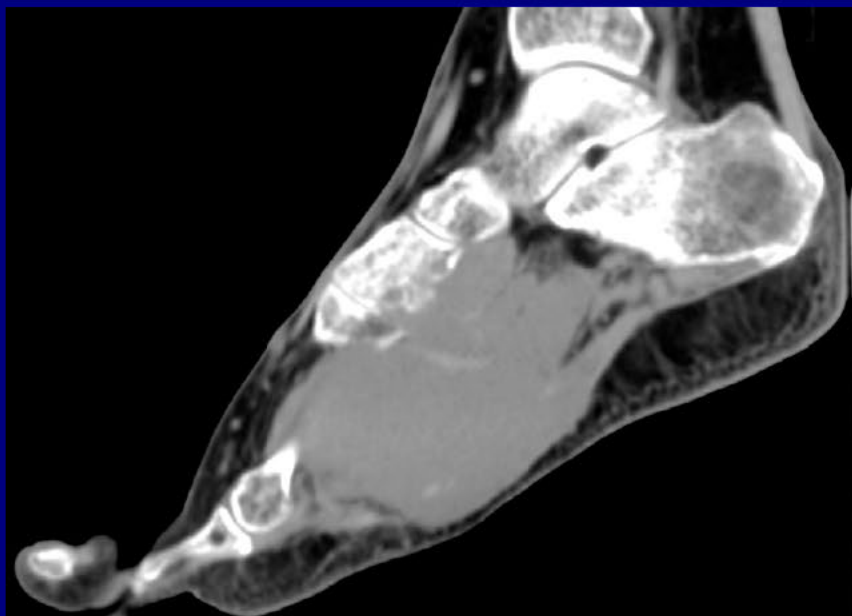
Musculoskeletal Best Case

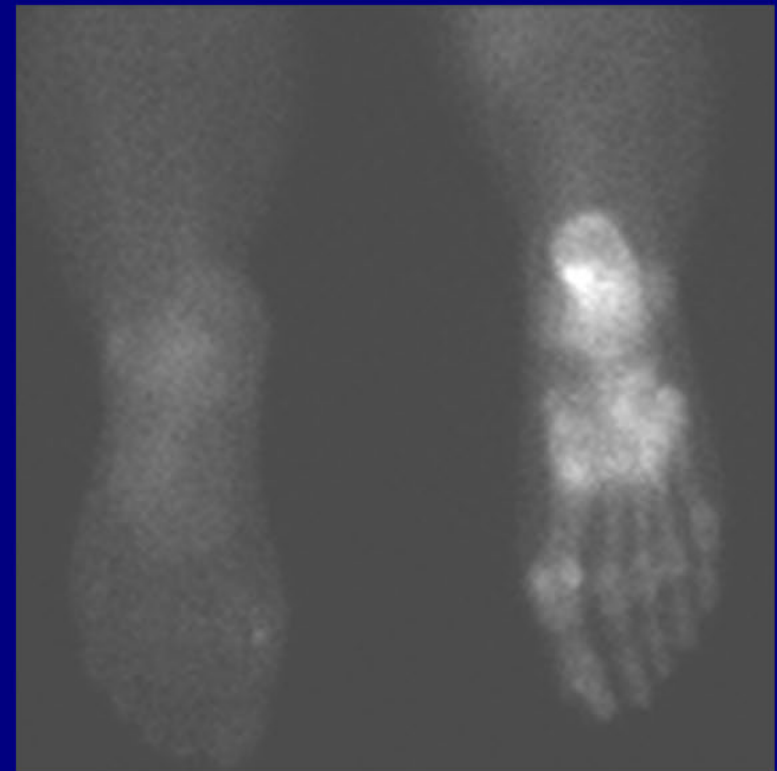
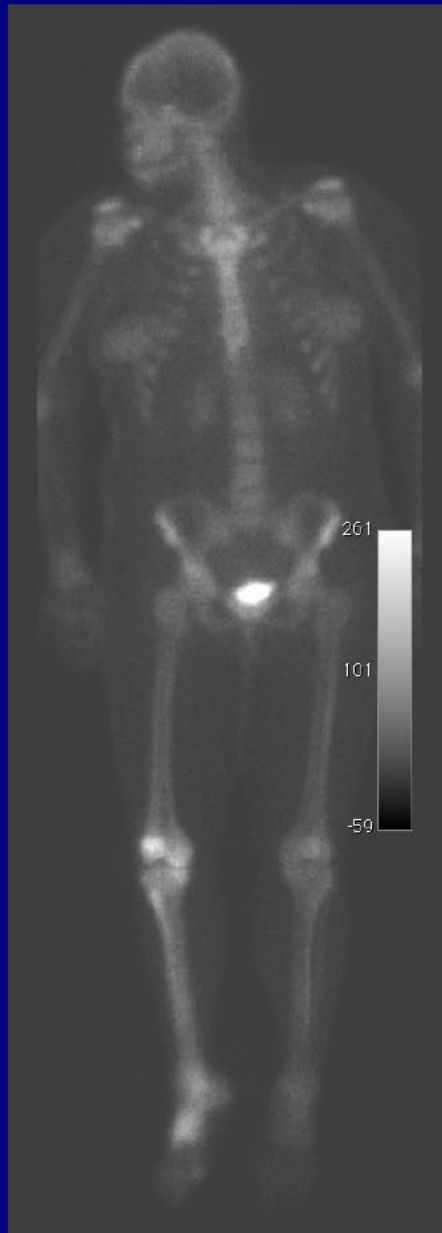
29 year old female with
foot pain for several
months.

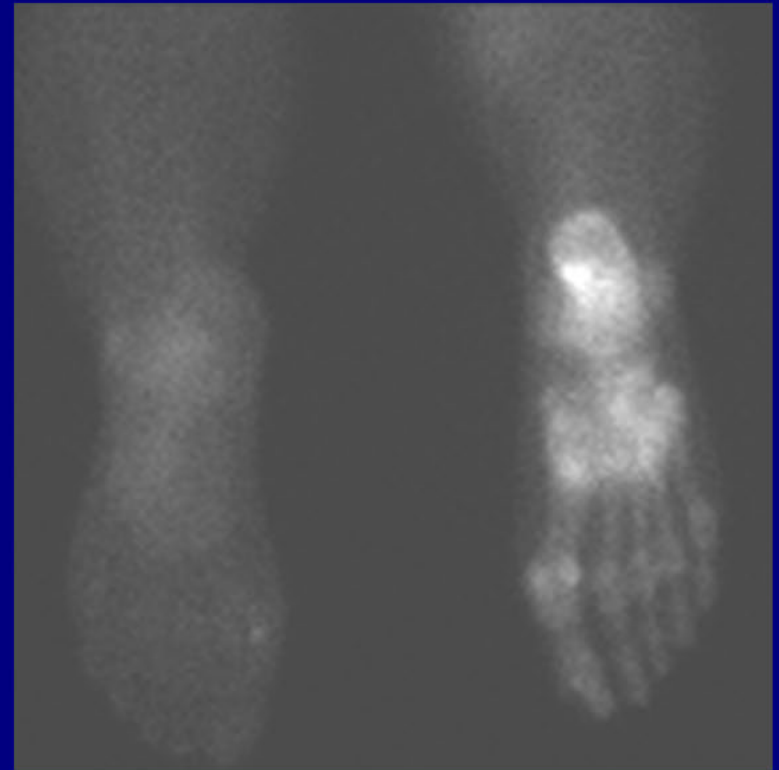
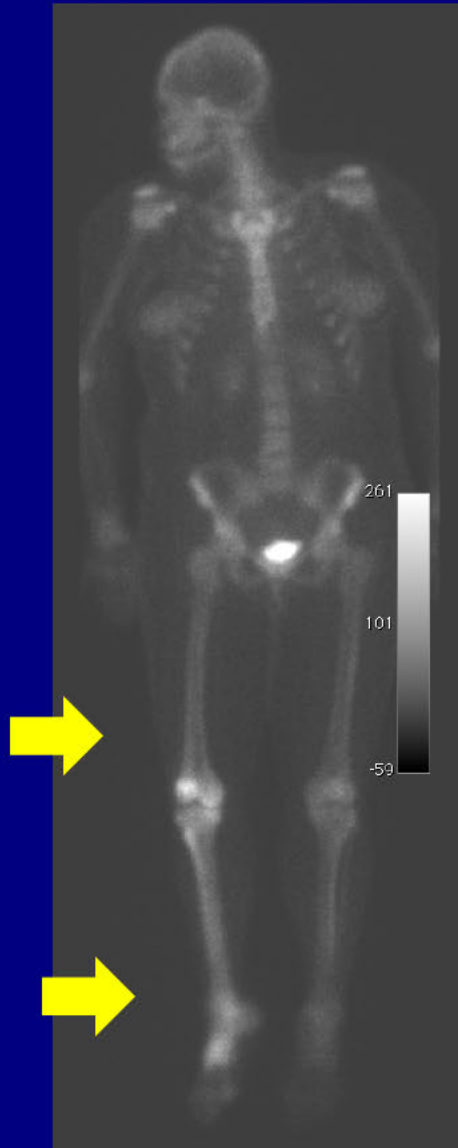




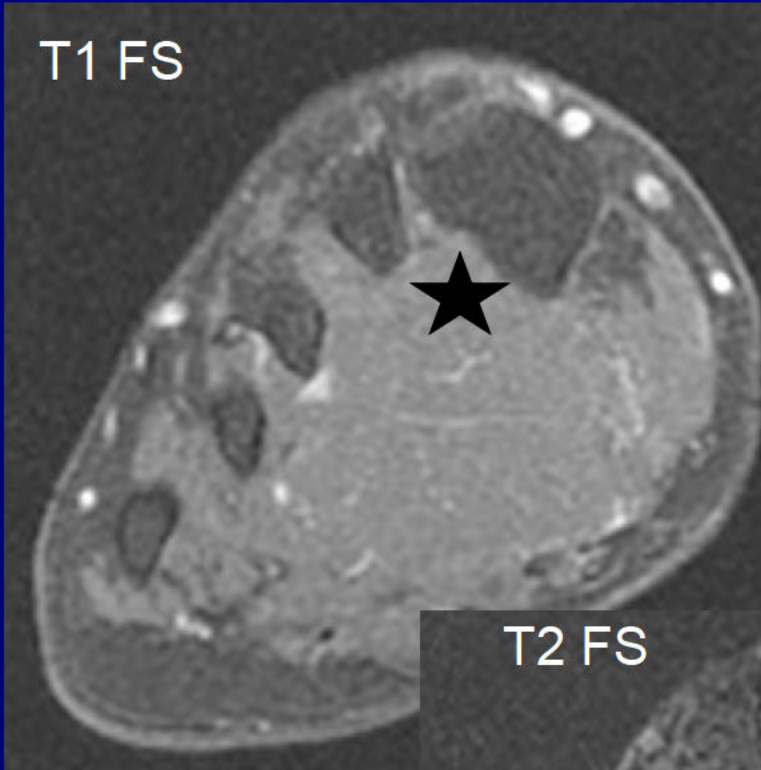




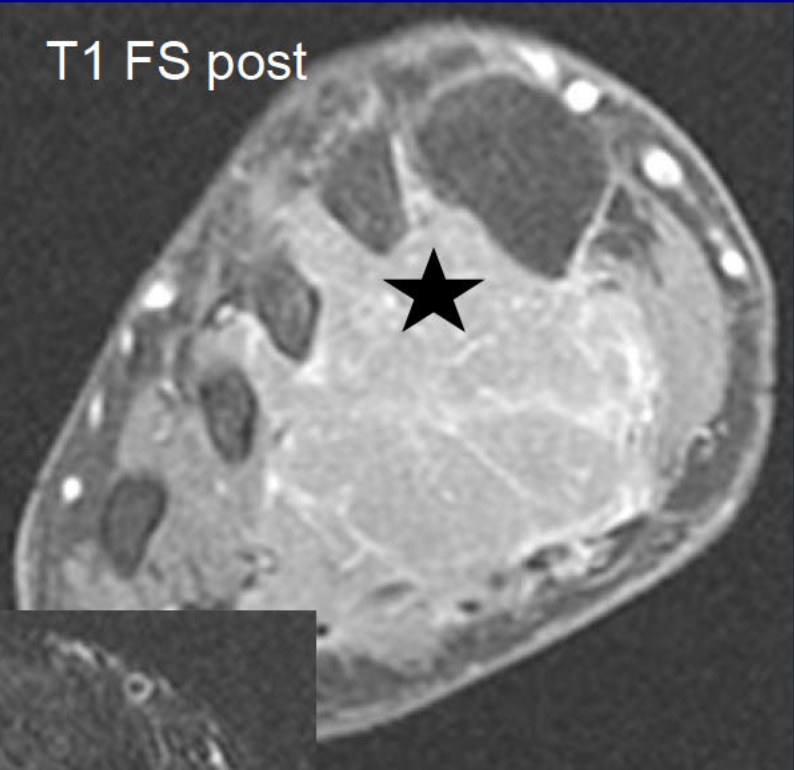




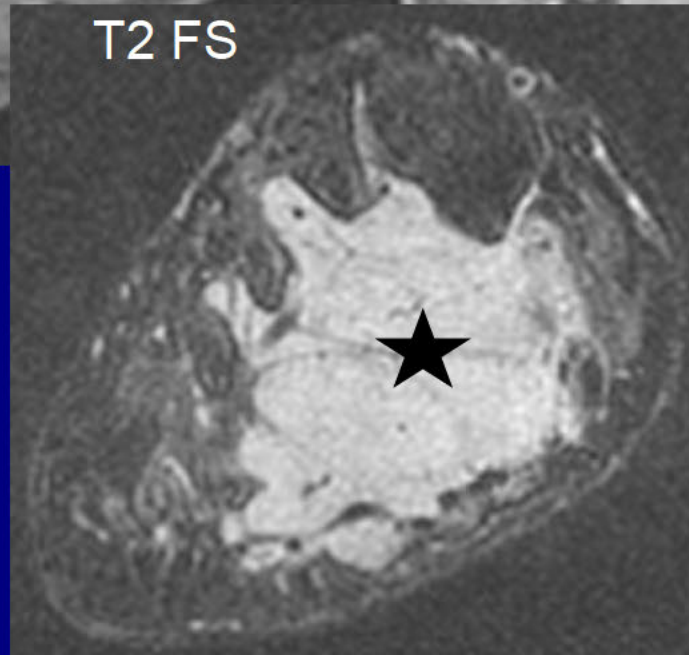
T1 FS



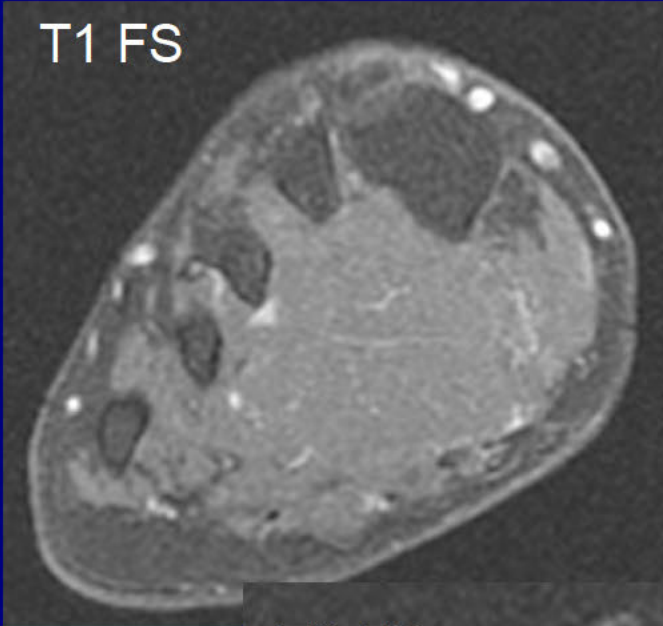
T1 FS post



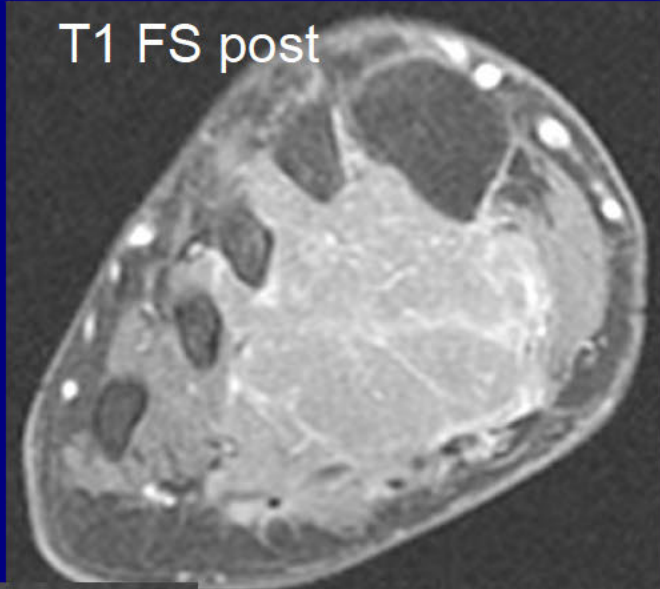
T2 FS



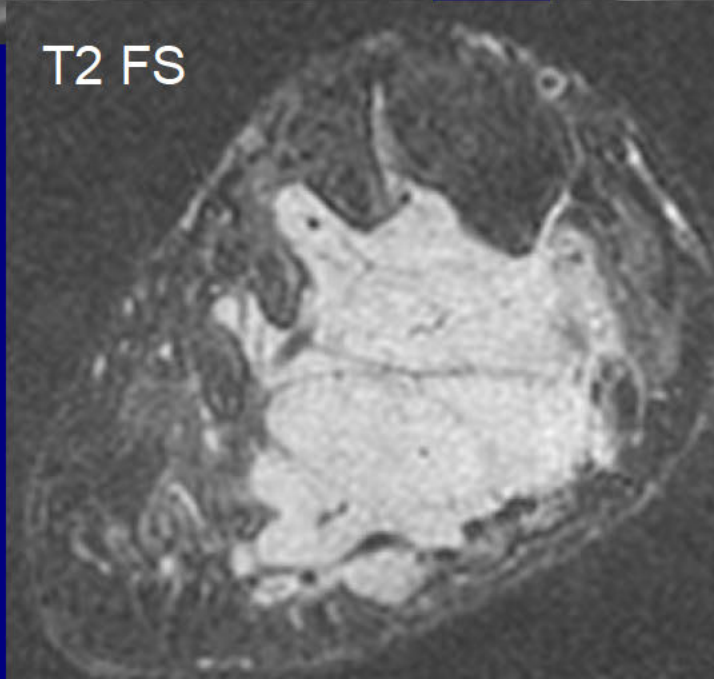
T1 FS



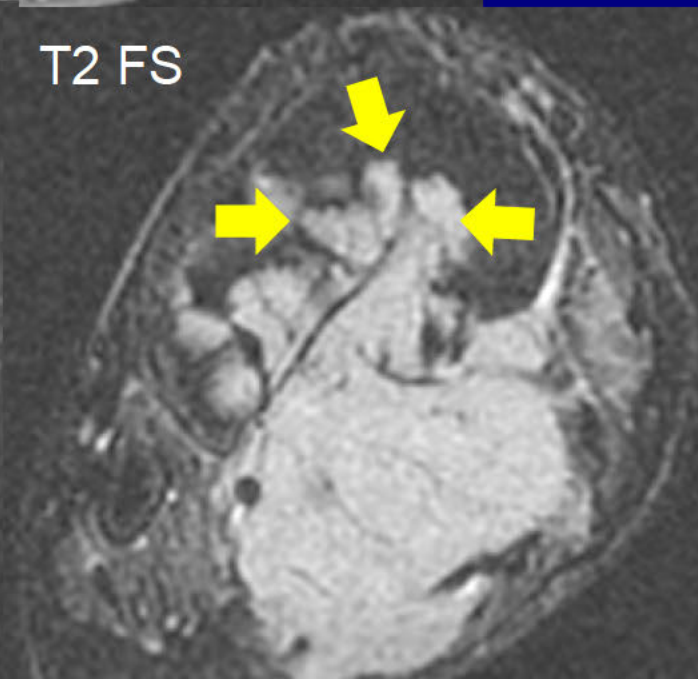
T1 FS post



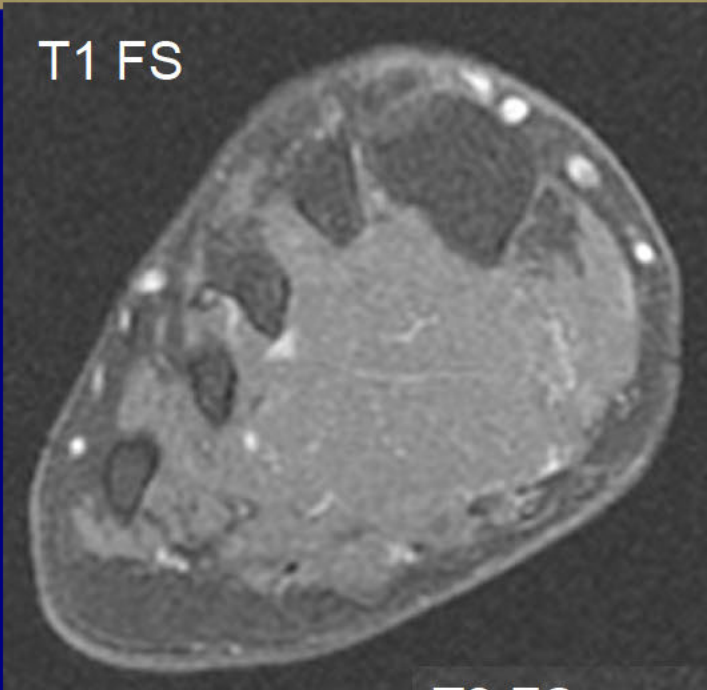
T2 FS



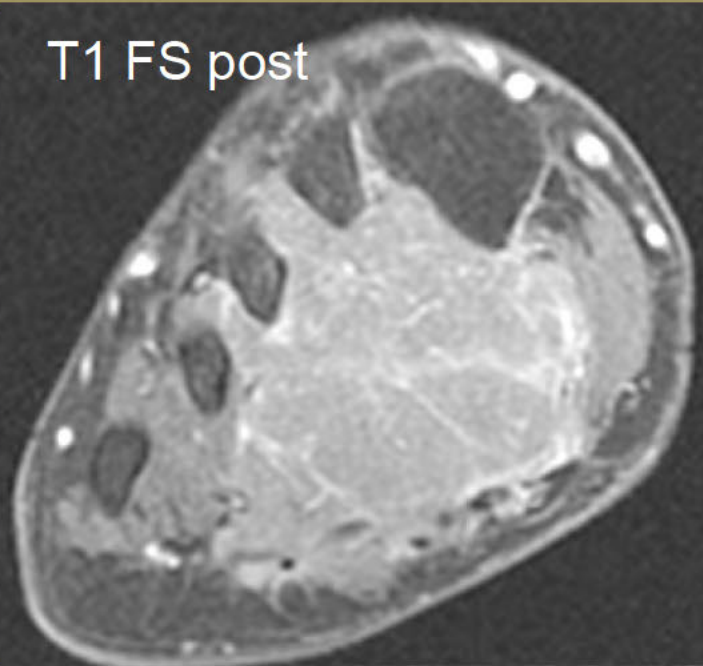
T2 FS



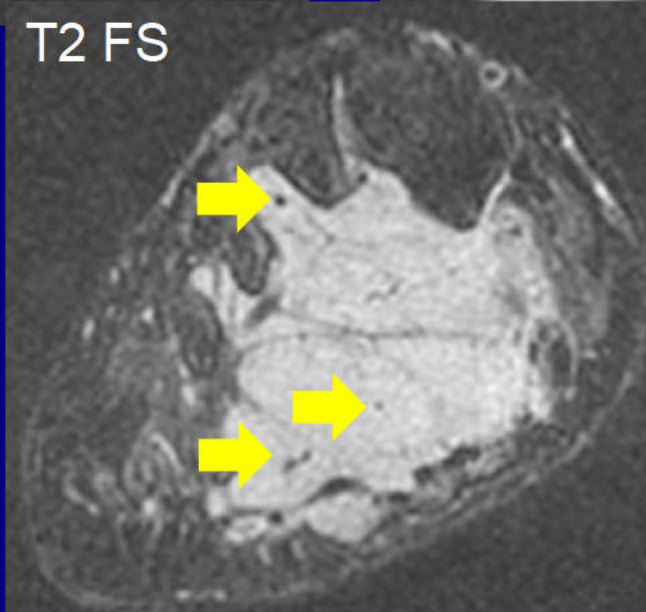
T1 FS



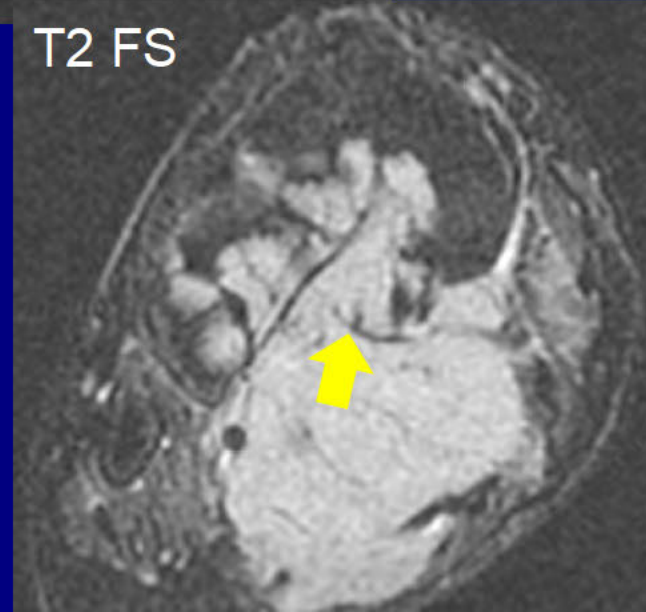
T1 FS post



T2 FS

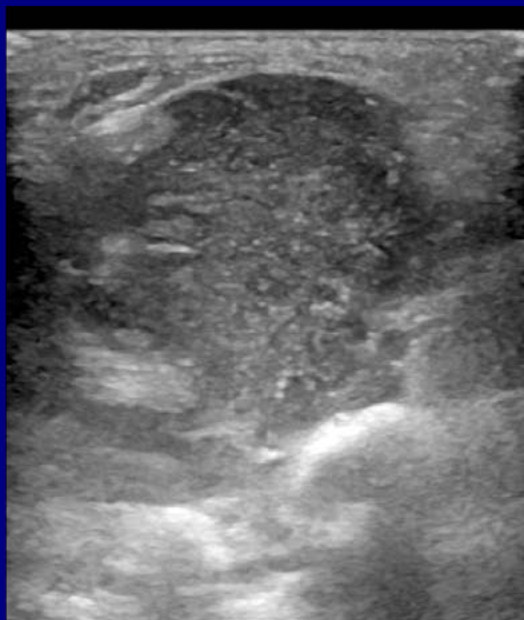


T2 FS



MSK LESIONS WITH HIGH FLOW VESSELS

- Vascular lesions particularly more aggressive lesions such as hemangiopericytoma
- Rhabdomyosarcoma
- Synovial sarcoma (25%-30%)
- Alveolar soft part sarcoma
- Extraskeletal Ewing sarcoma
- Metastasis (Renal)

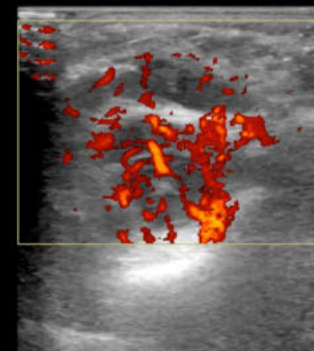


RT FOOT

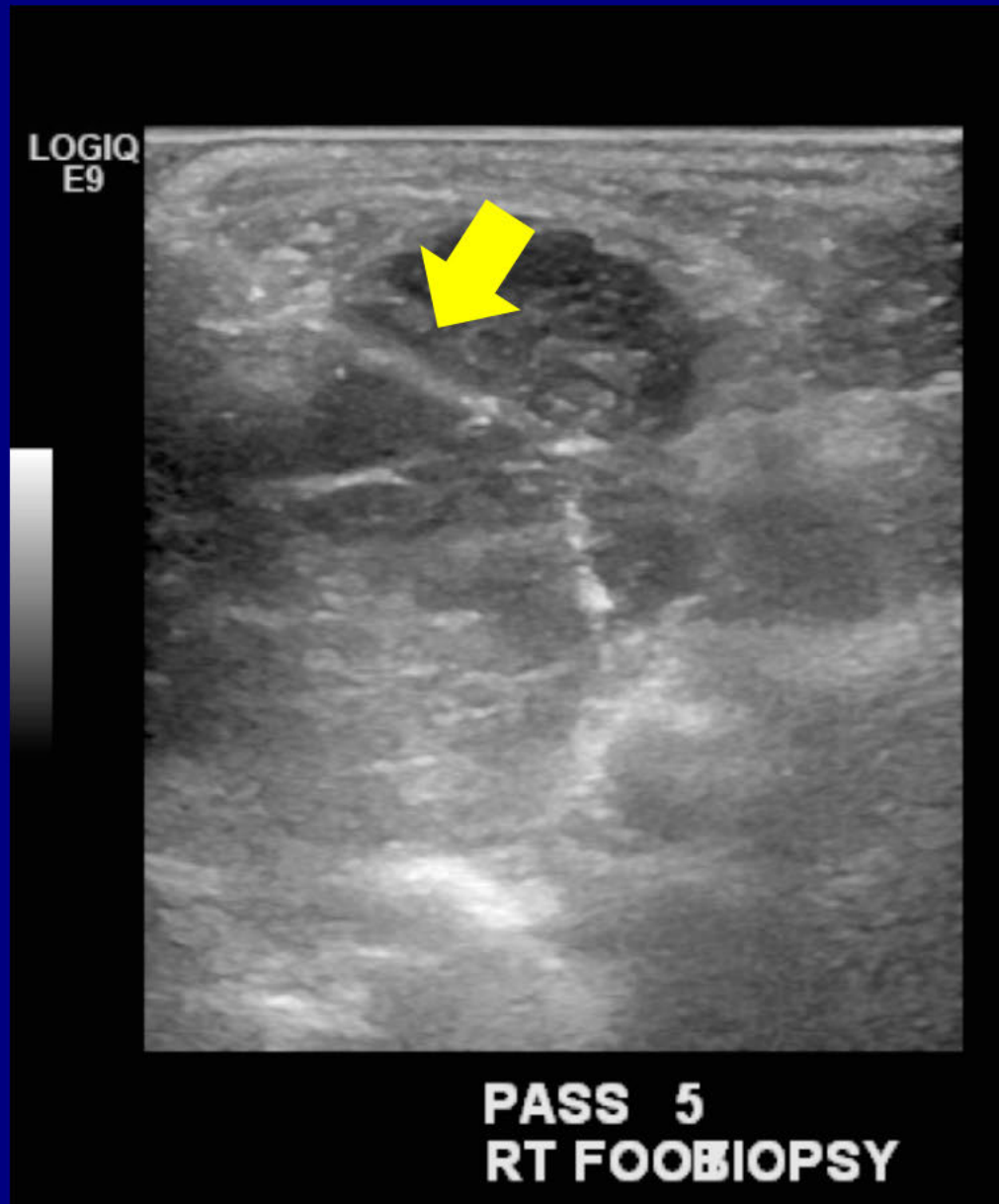


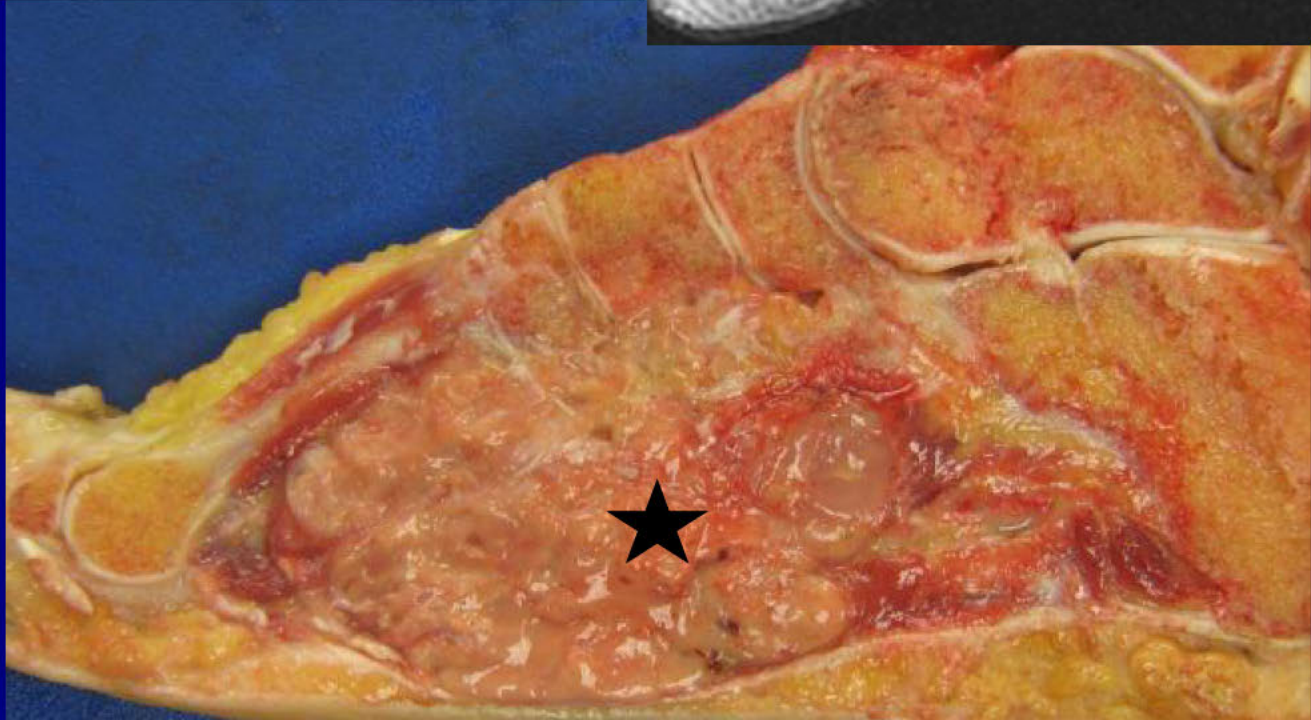
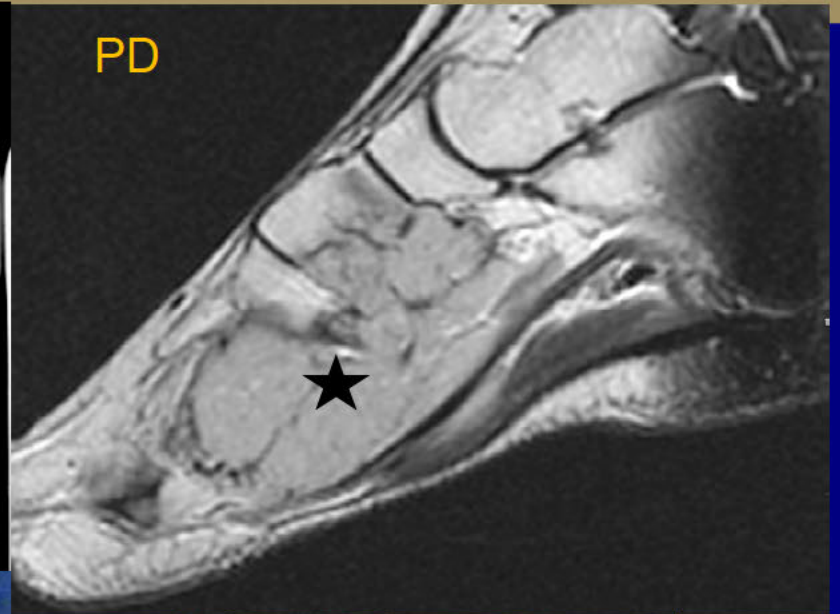
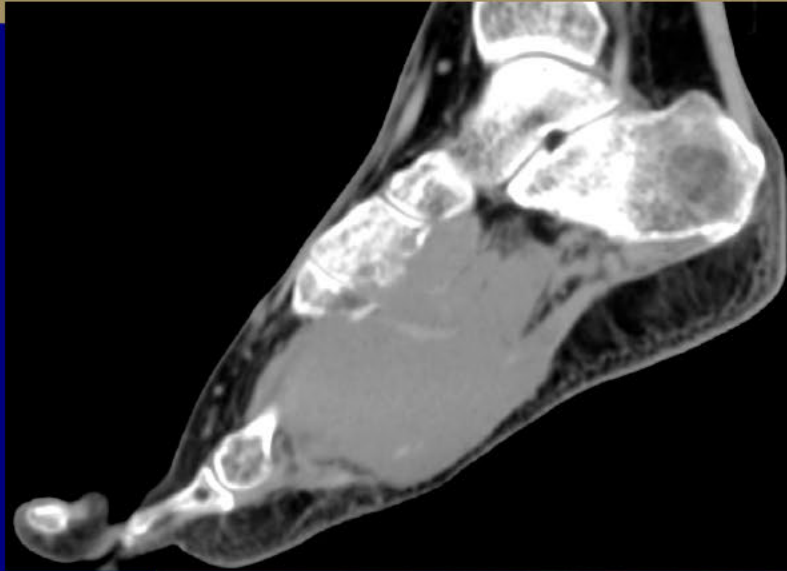
RT

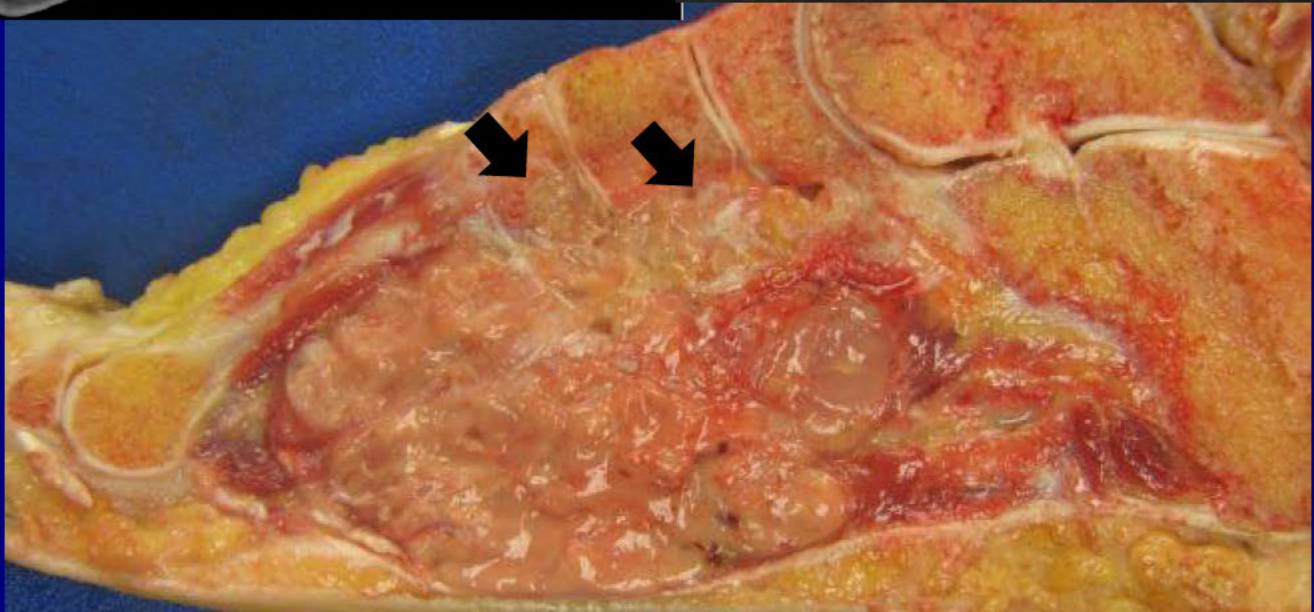
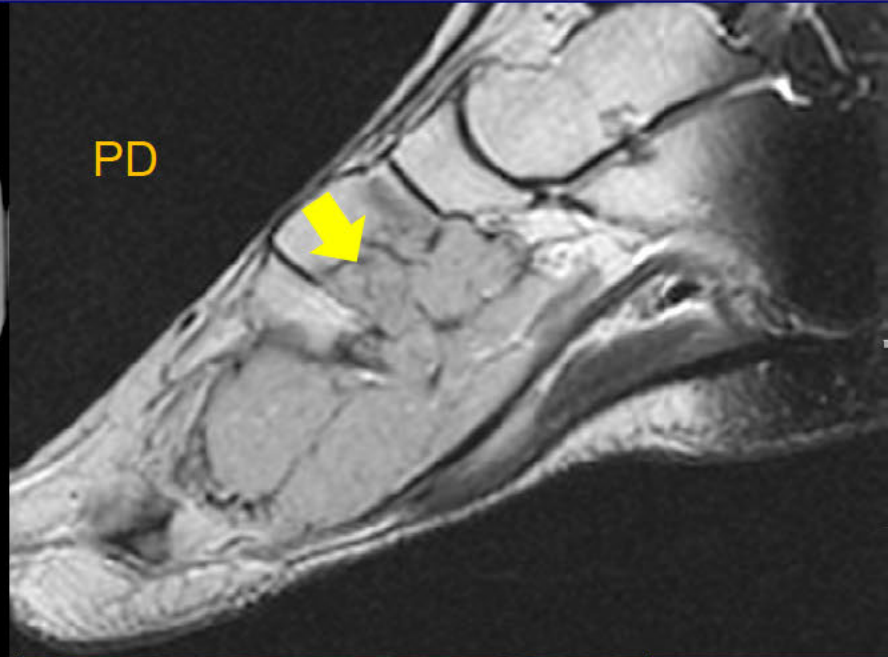
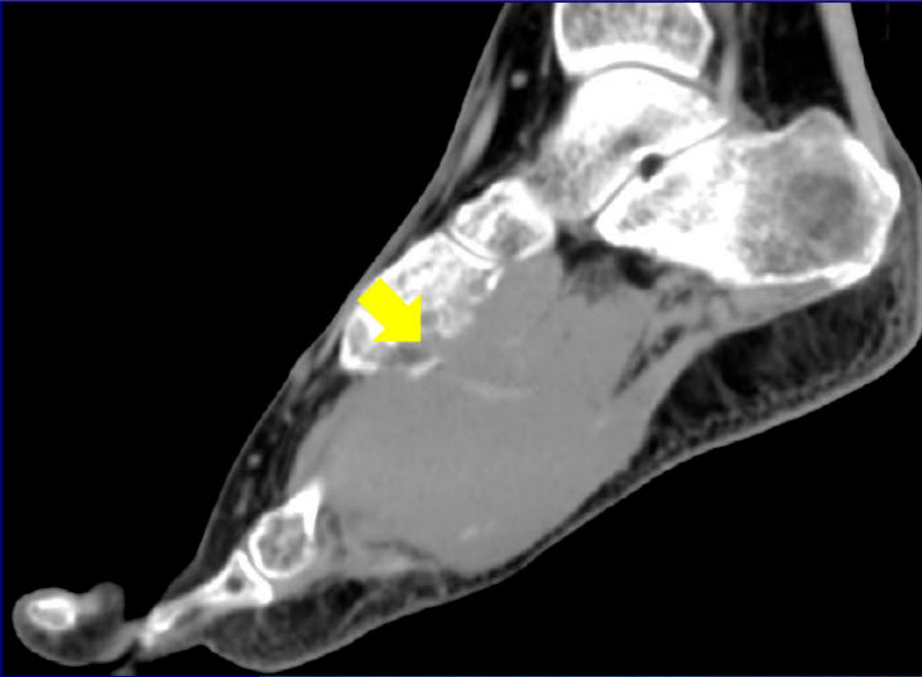
LOGIQ
E9

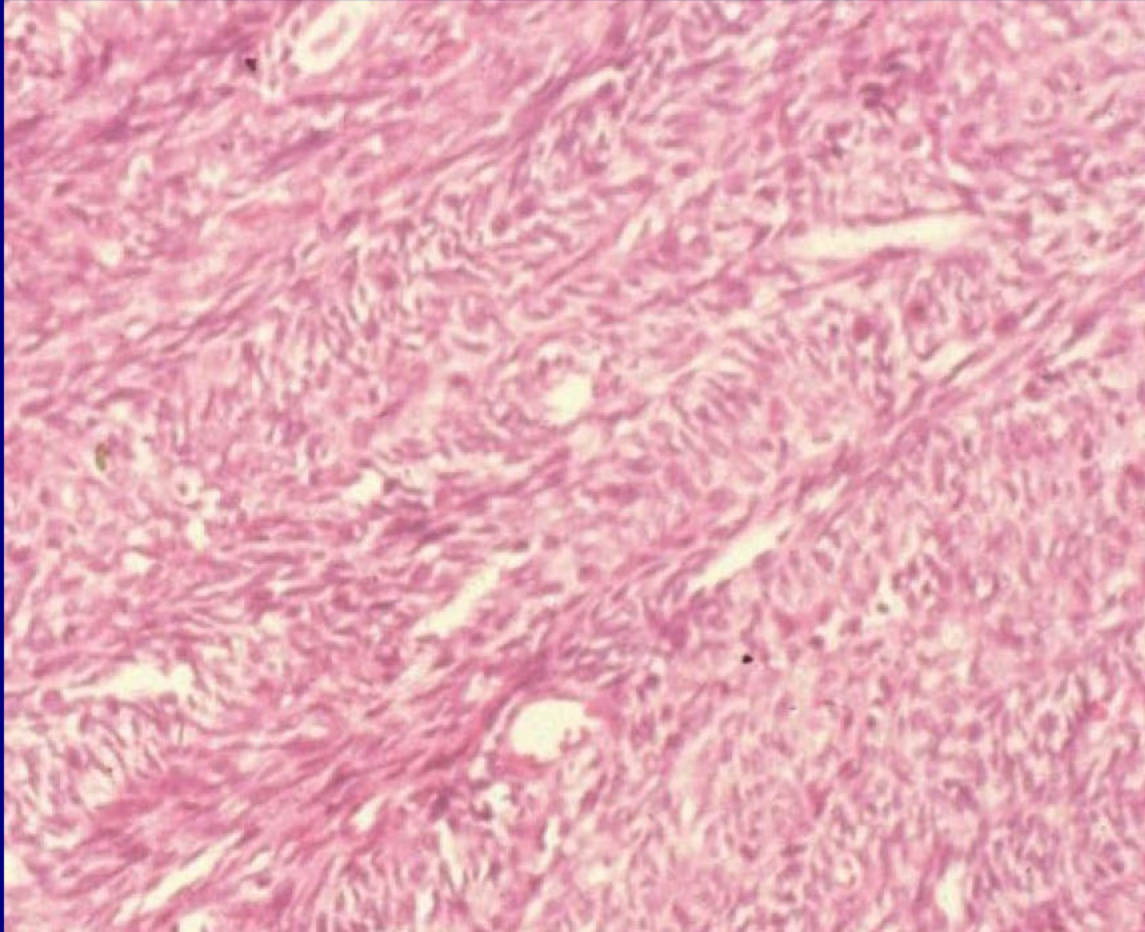


RT FOOT









Histology: Monophasic Synovial Sarcoma

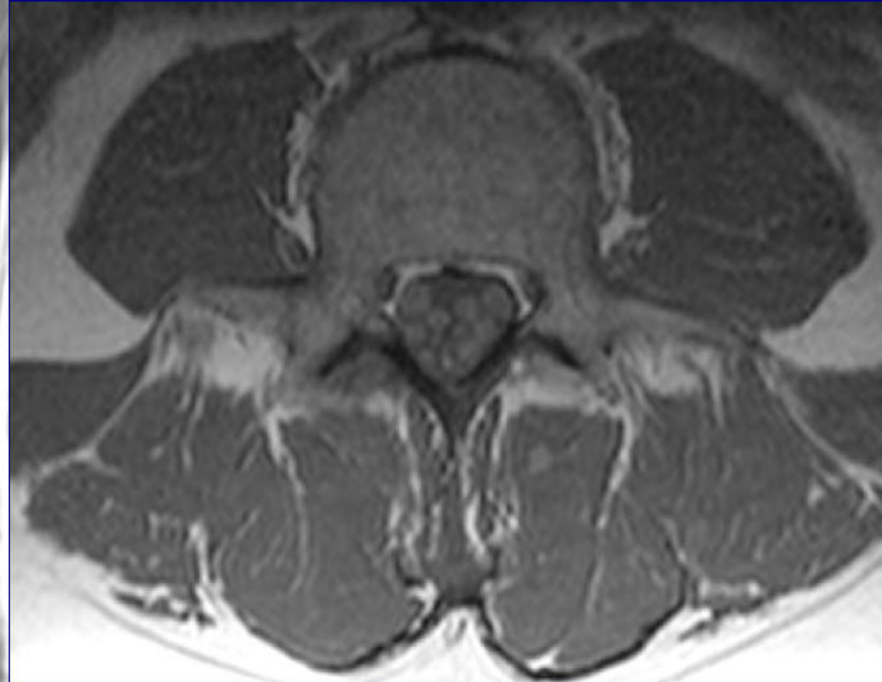
Diagnosis: Synovial Sarcoma

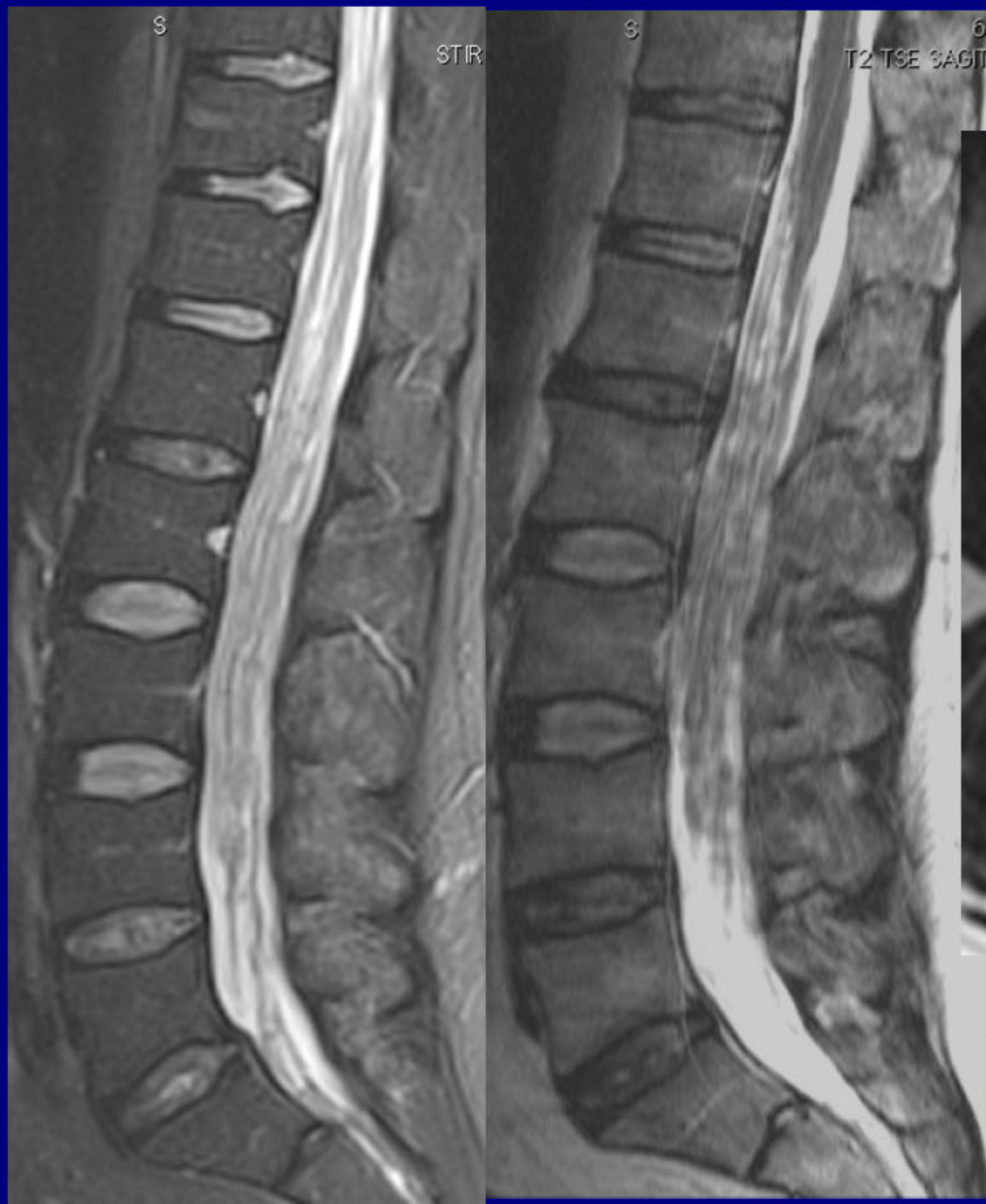
Carrie Bolton
Henry Ford Hospital
Detroit, MI, USA

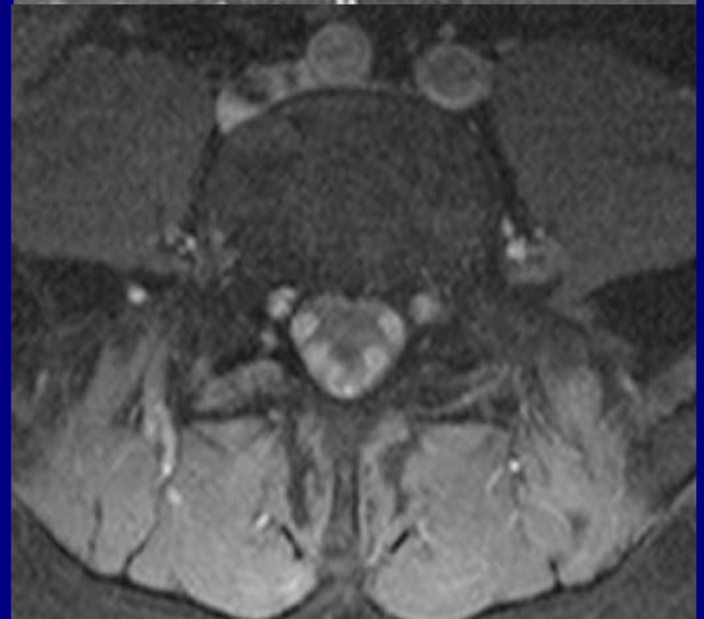
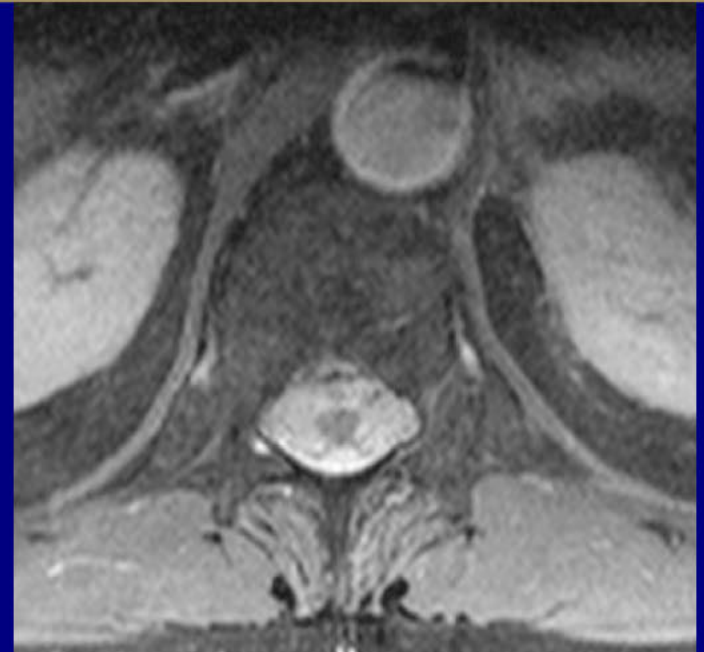
Neuroradiology Best Case

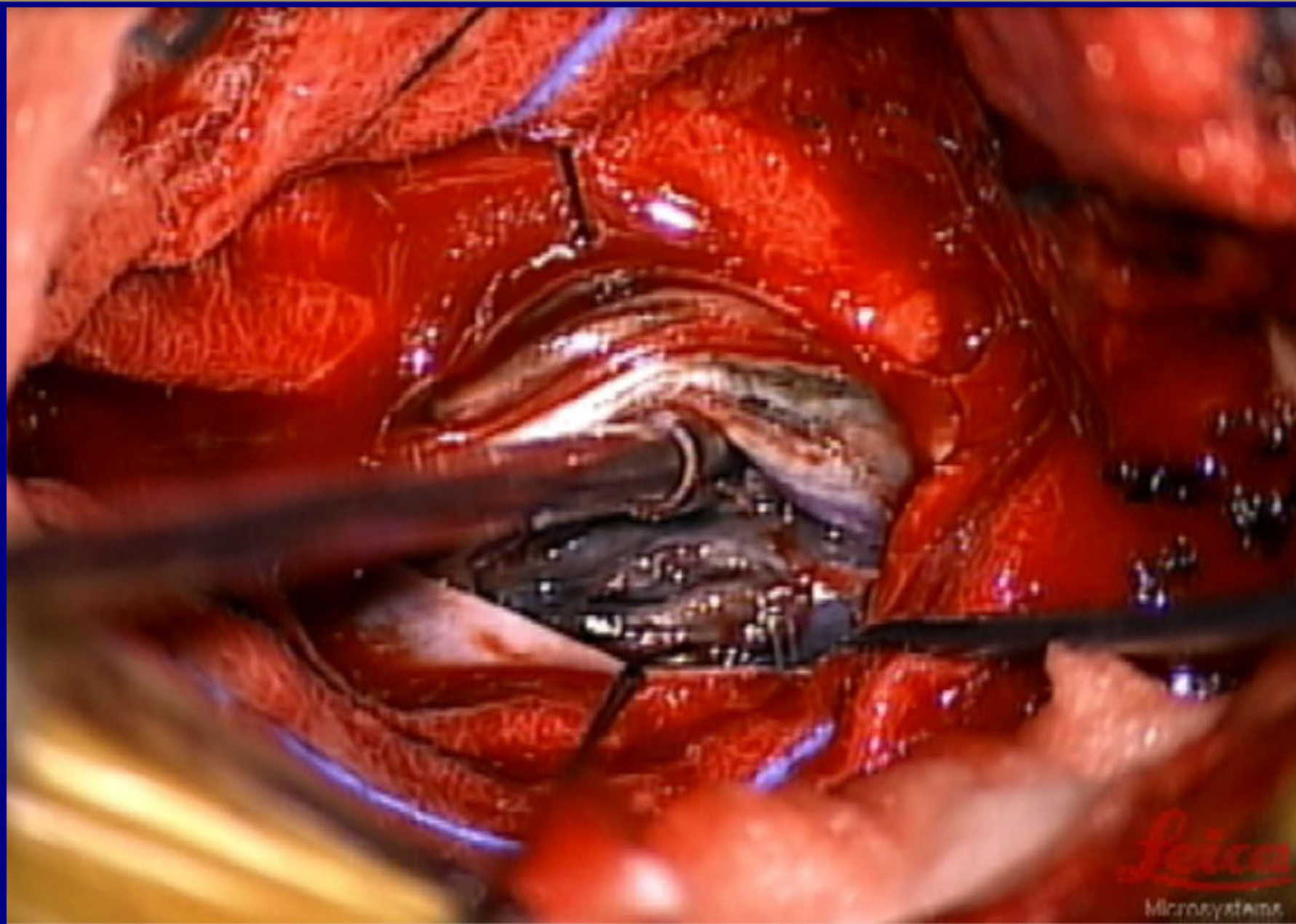
History

51 Yo m with worsening headache, nausea and vomiting. Noted that the patient's reflexes were absent at the knee.







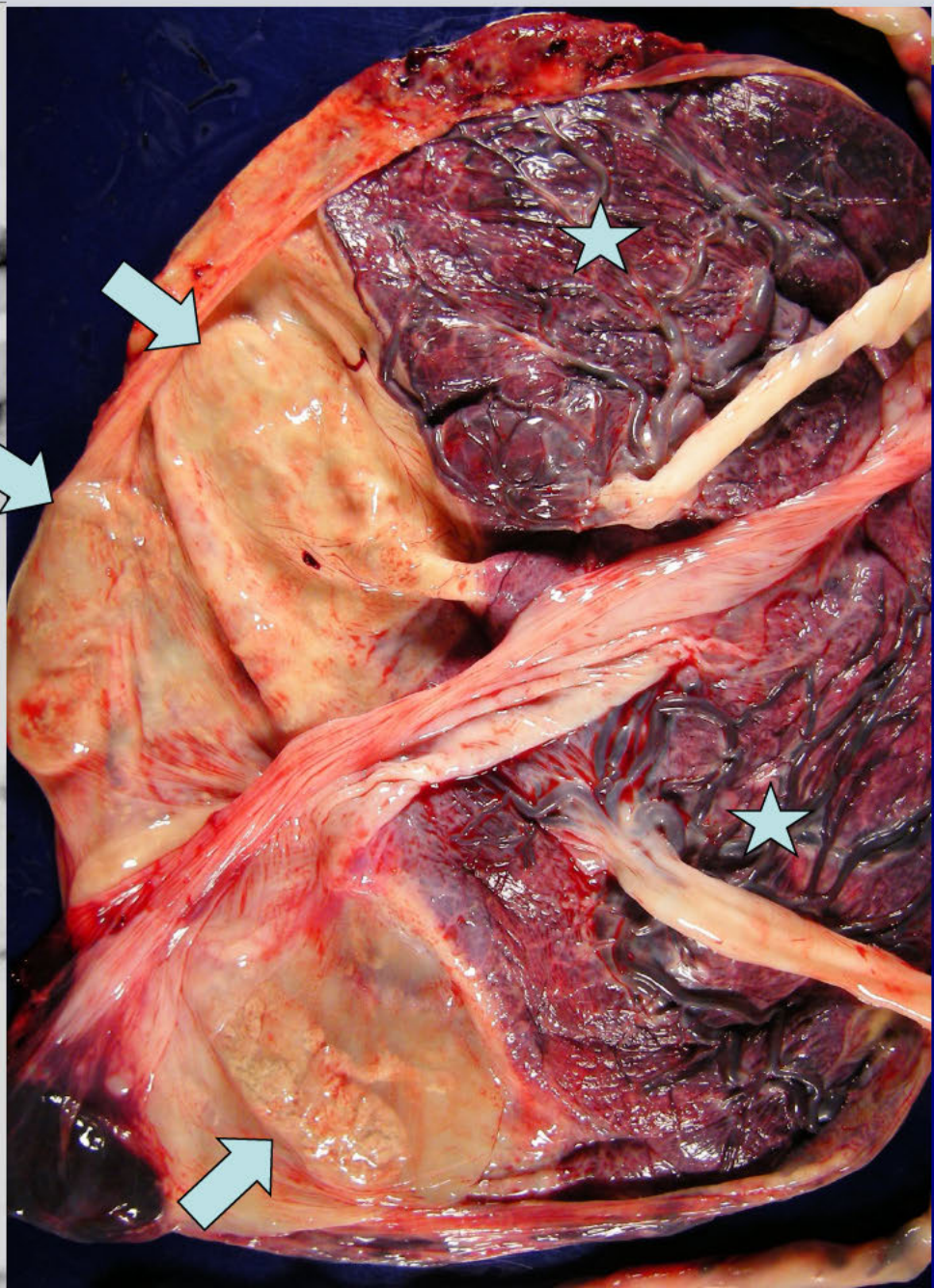


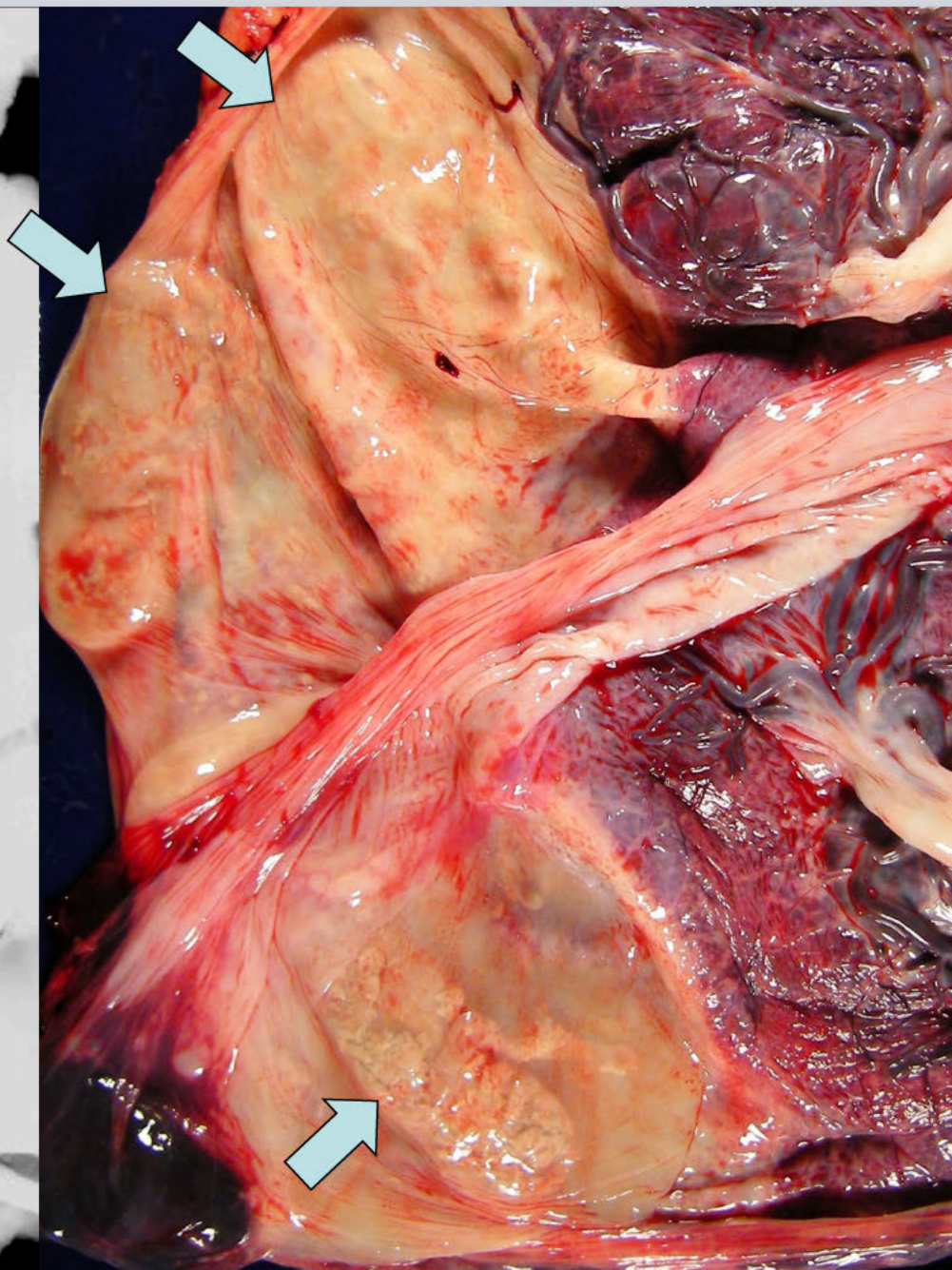
Diagnosis: Melanoma with leptomeningeal spread

Krynn Stegelmeier
University of New Mexico Hospital
Albuquerque, NM

Genitourinary Best Case

Healthy dichorionic diamniotic
twins delivered at 34 weeks with
report of triplet to twin conversion
early in the pregnancy





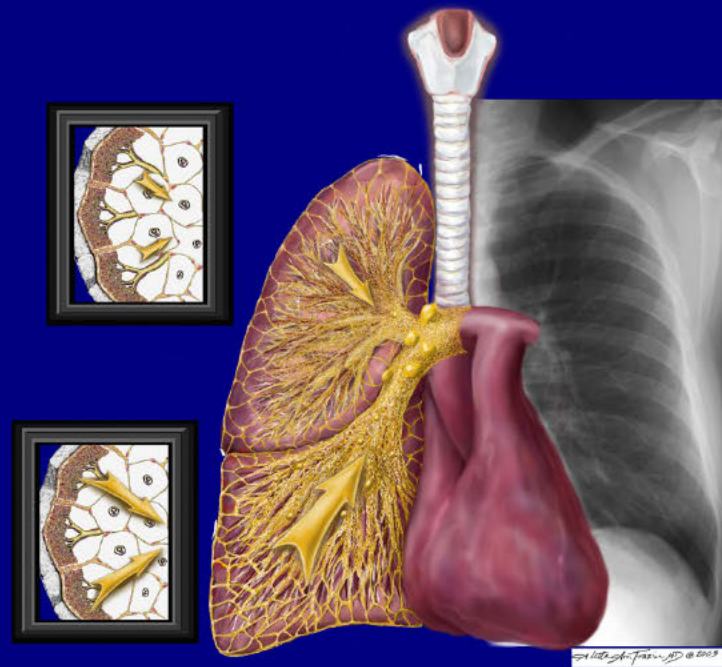
Fetus Papyraceus

Darrin Spoden

Wheaton Franciscan St. Joseph
Hospital

Milwaukee, Wisconsin, USA

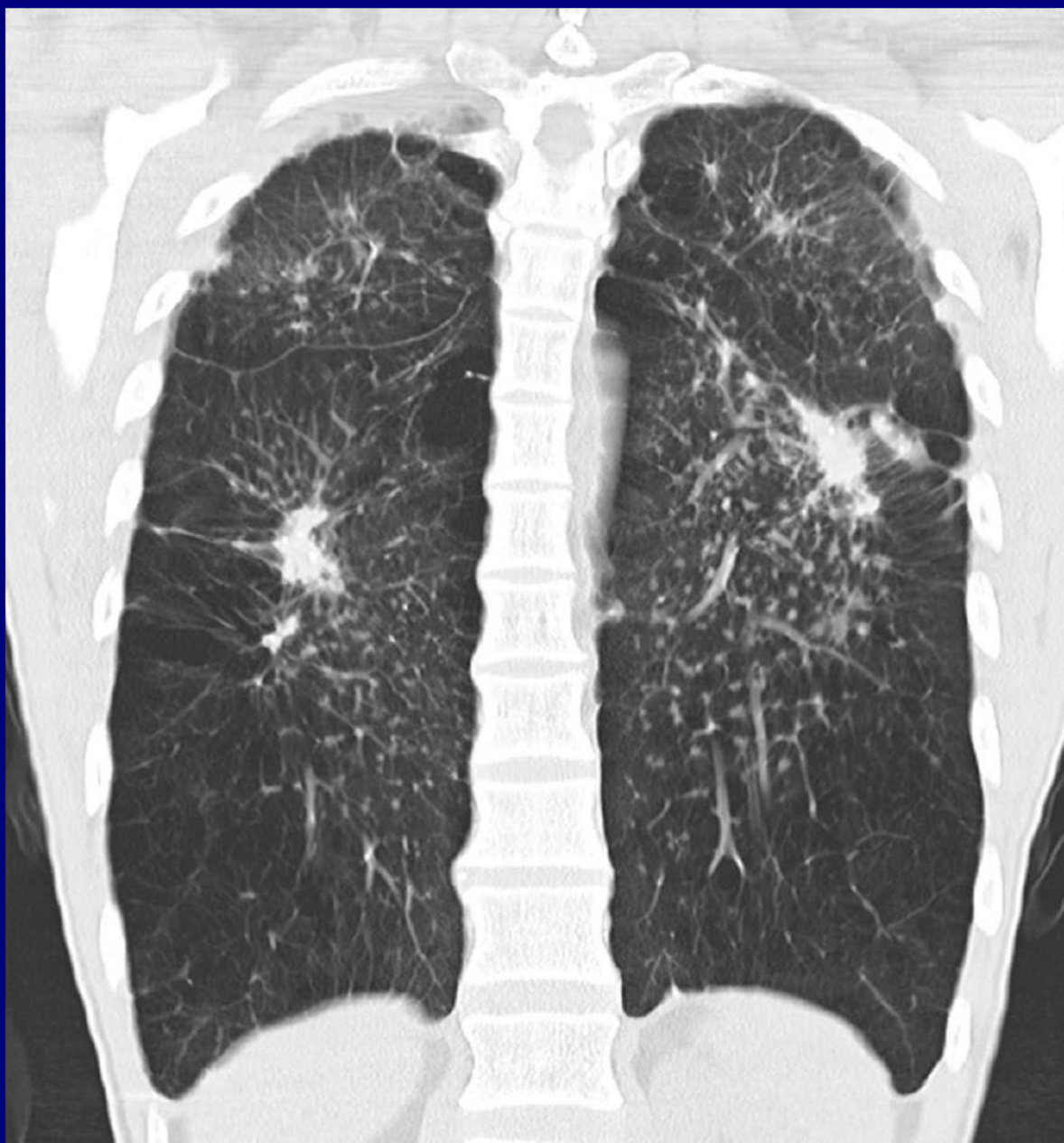
PULMONARY AND MEDIASTINAL IMAGING

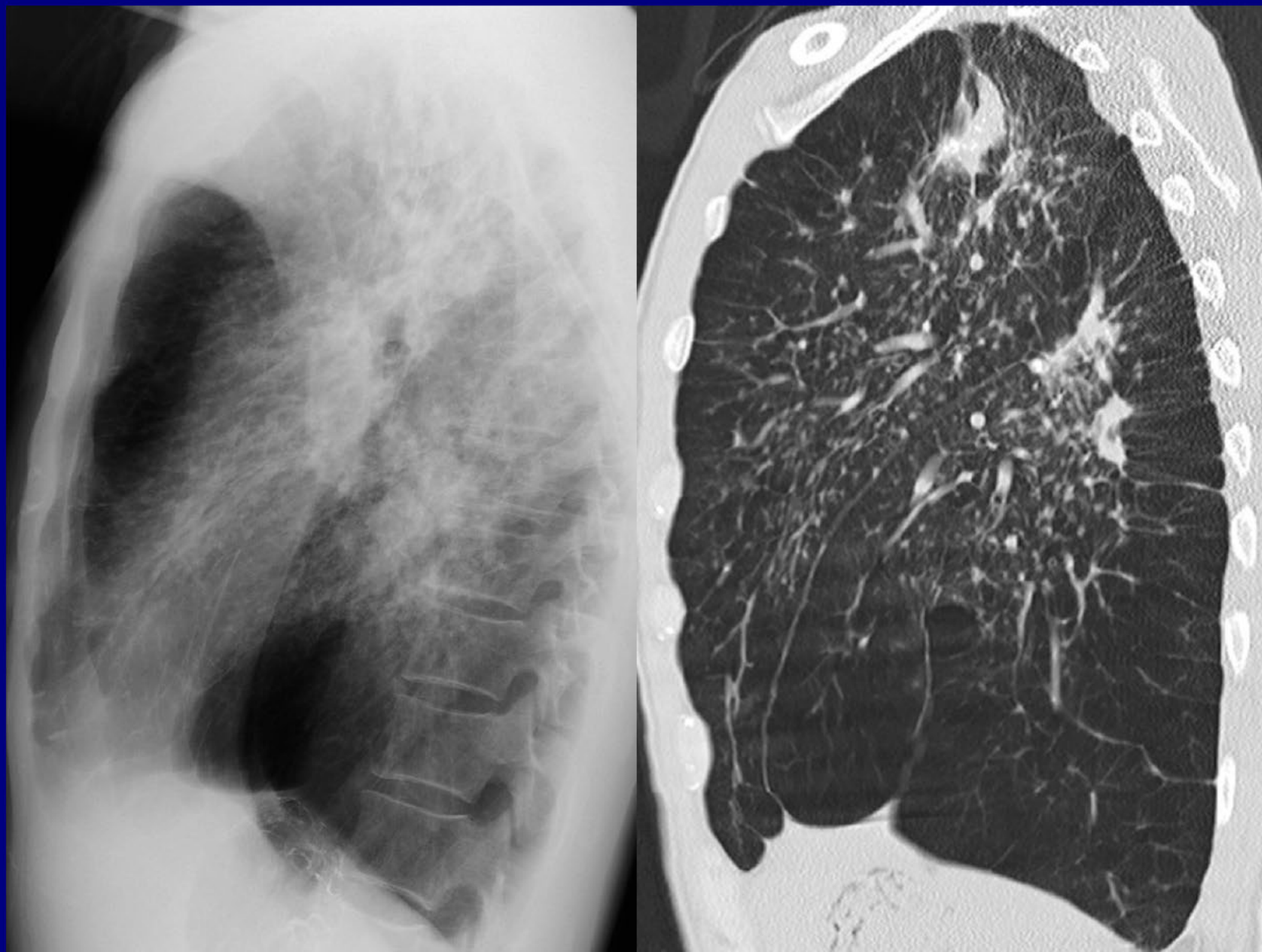


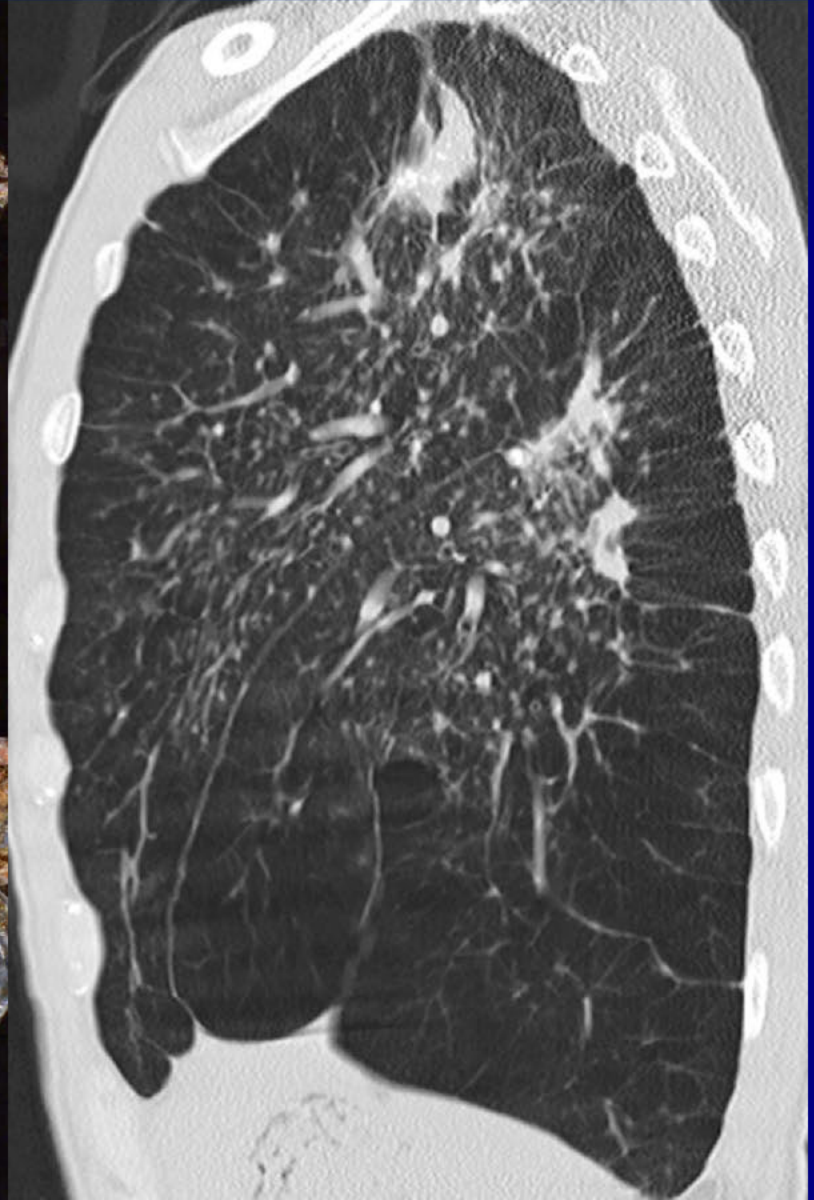
History

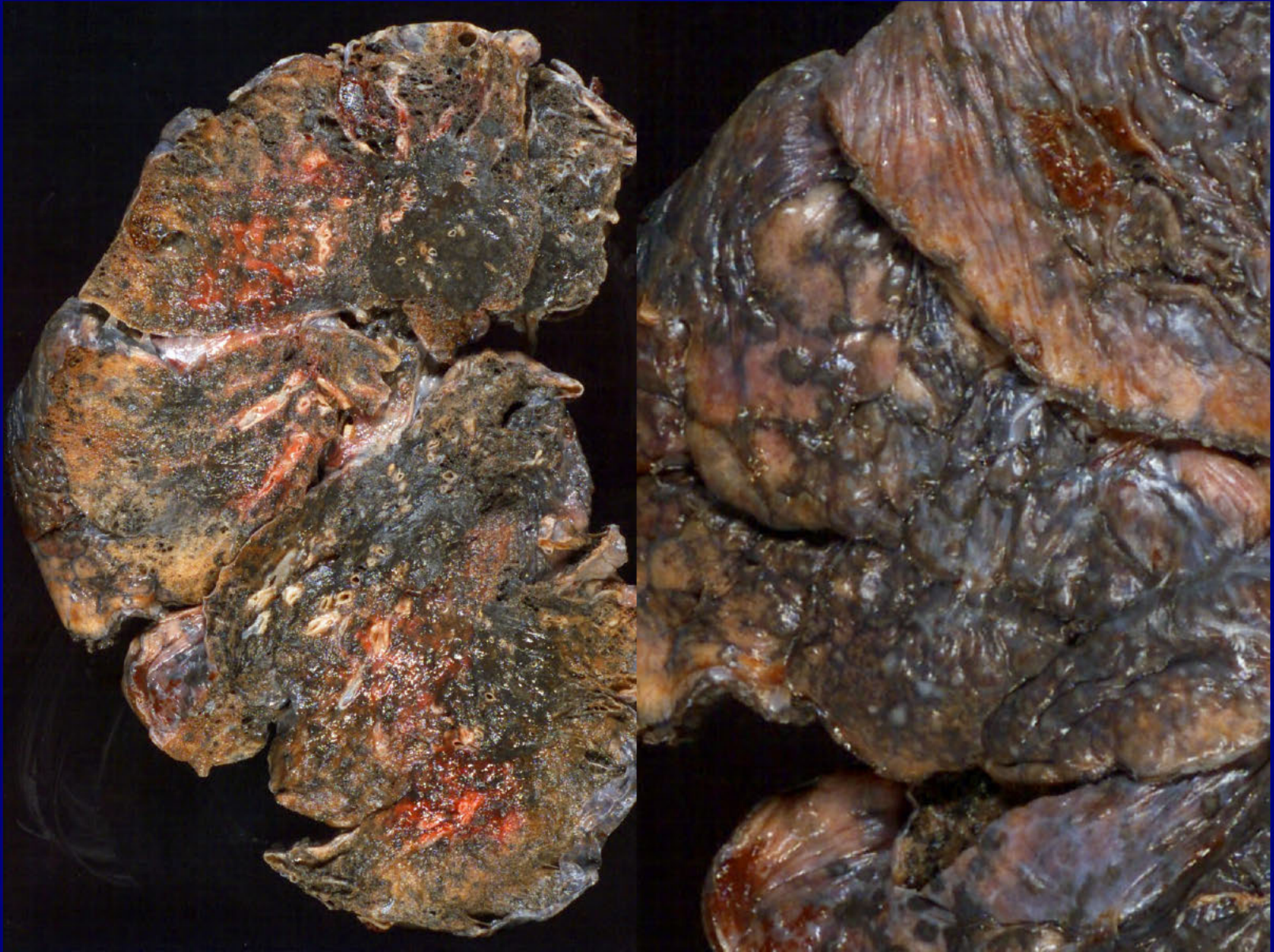
51 year old male miner with severe
obstructive lung disease











Chest

Karen Lee, MD

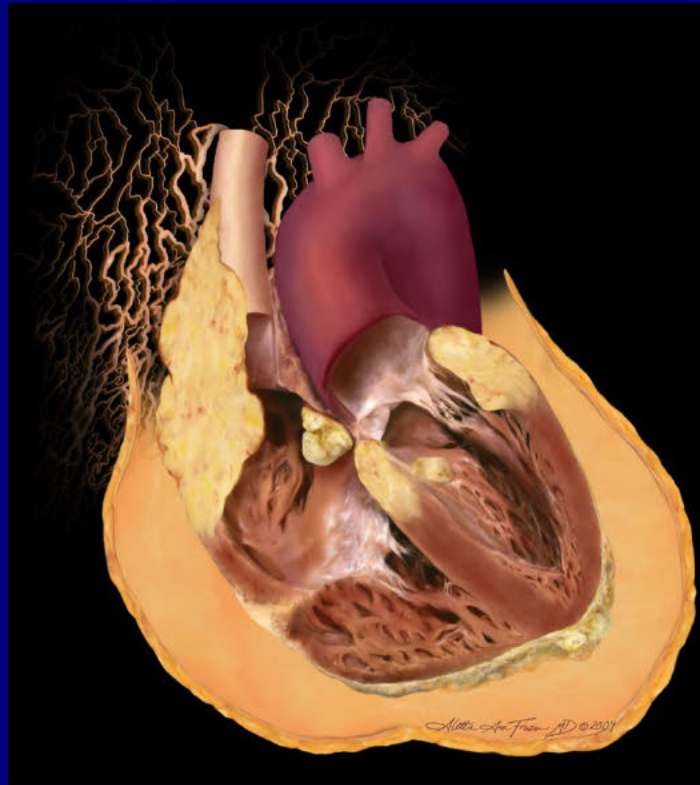
University of Pittsburgh Medical Center

Pittsburgh, PA

Mixed Dust Pneumoconiosis

(silicosis with coal worker's pneumoconiosis)

Cardiovascular Imaging

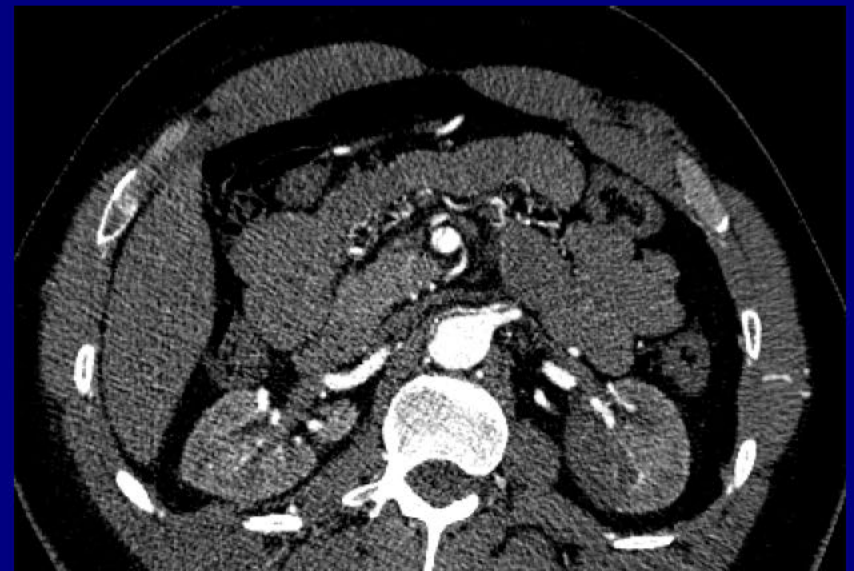


History

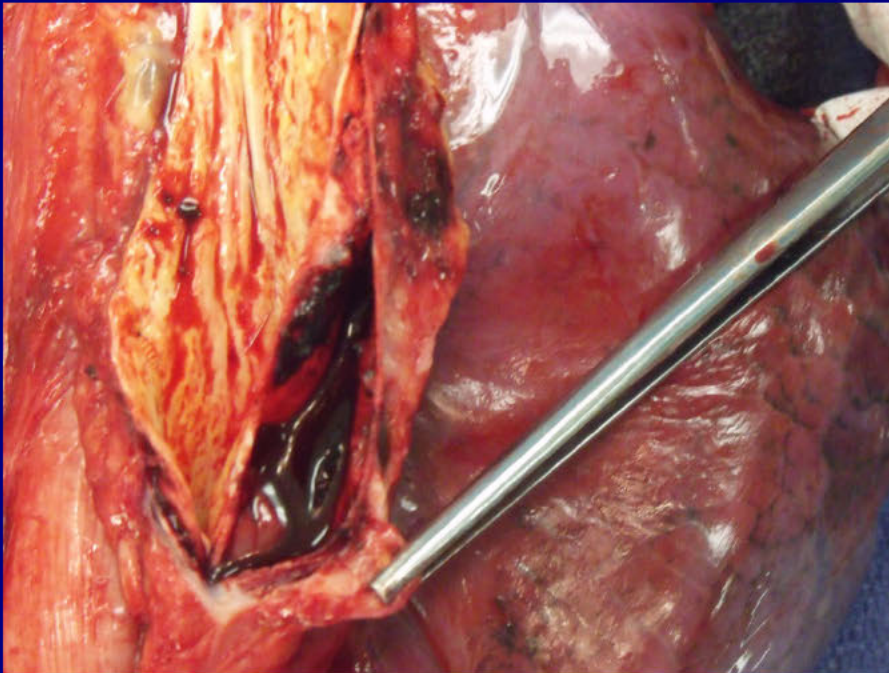
47 yo male with PMH of uncontrolled hypertension presented with acute onset of chest pain, followed by lower extremity weakness and paresthesias. Physical examination revealed hypertensive crisis.



CT was performed. Acute type B aortic dissection identified beginning distal to left subclavian artery with extension into celiac, SMA, left renal artery and right common iliac.

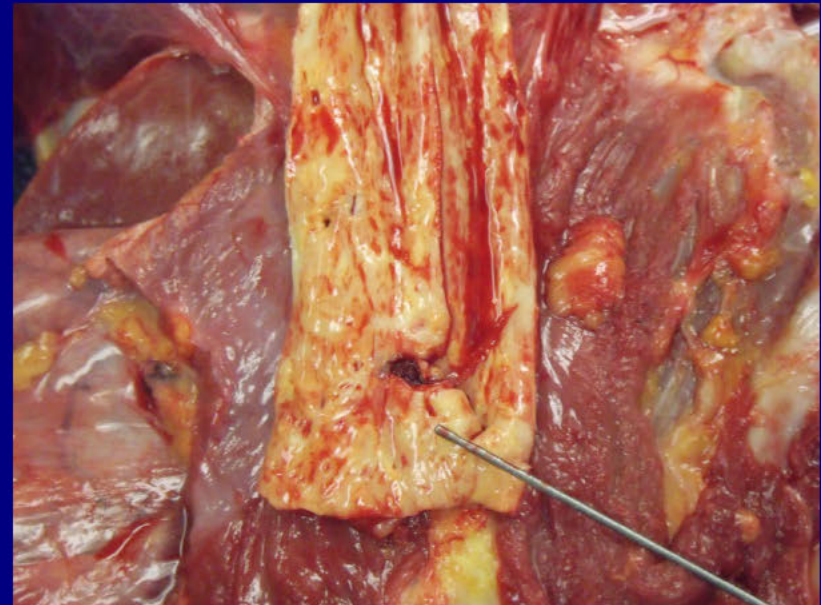


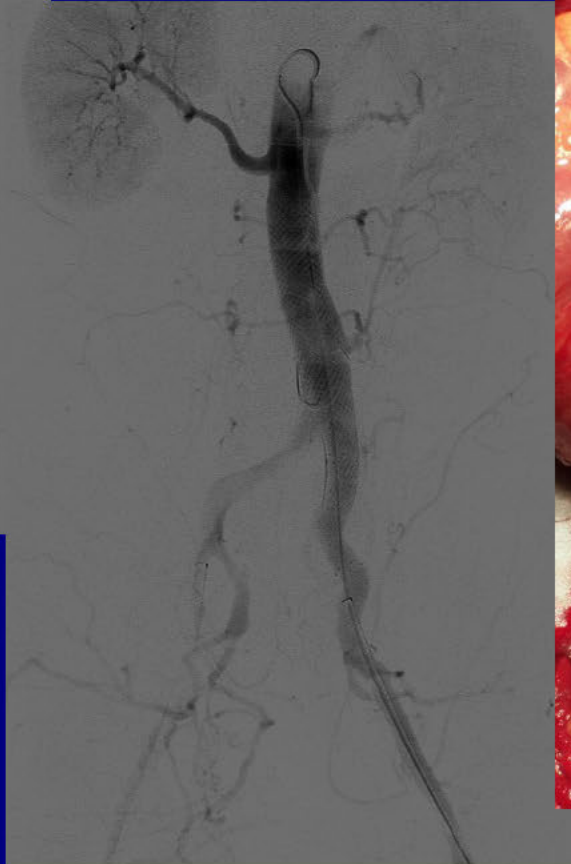
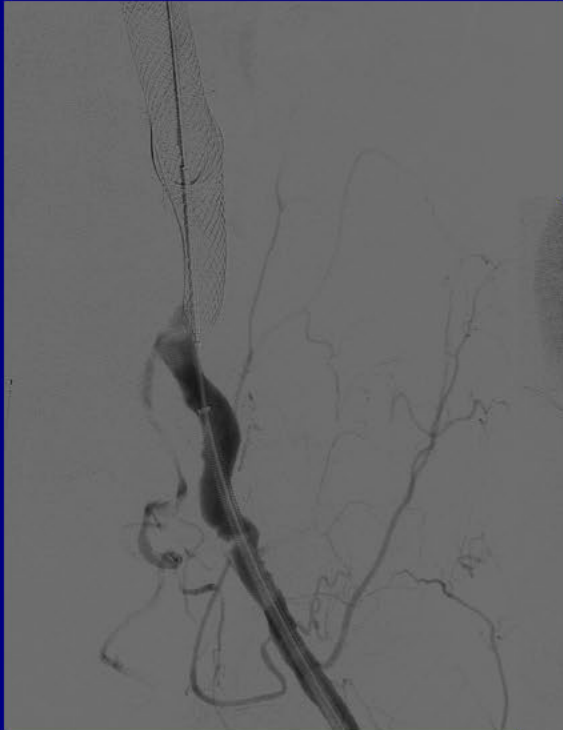
Emergent aortic fenestration, aorto-iliac stent placement, and left to right fem-fem bypass performed. Patency and strong pedal pulses demonstrated post-procedure, but patient died 12 hours later.



Aortic dissection: medial hematoma

Iatrogenic aortic fenestration





Overlapping aortic
Wallstents

Cardiovascular: Best Case

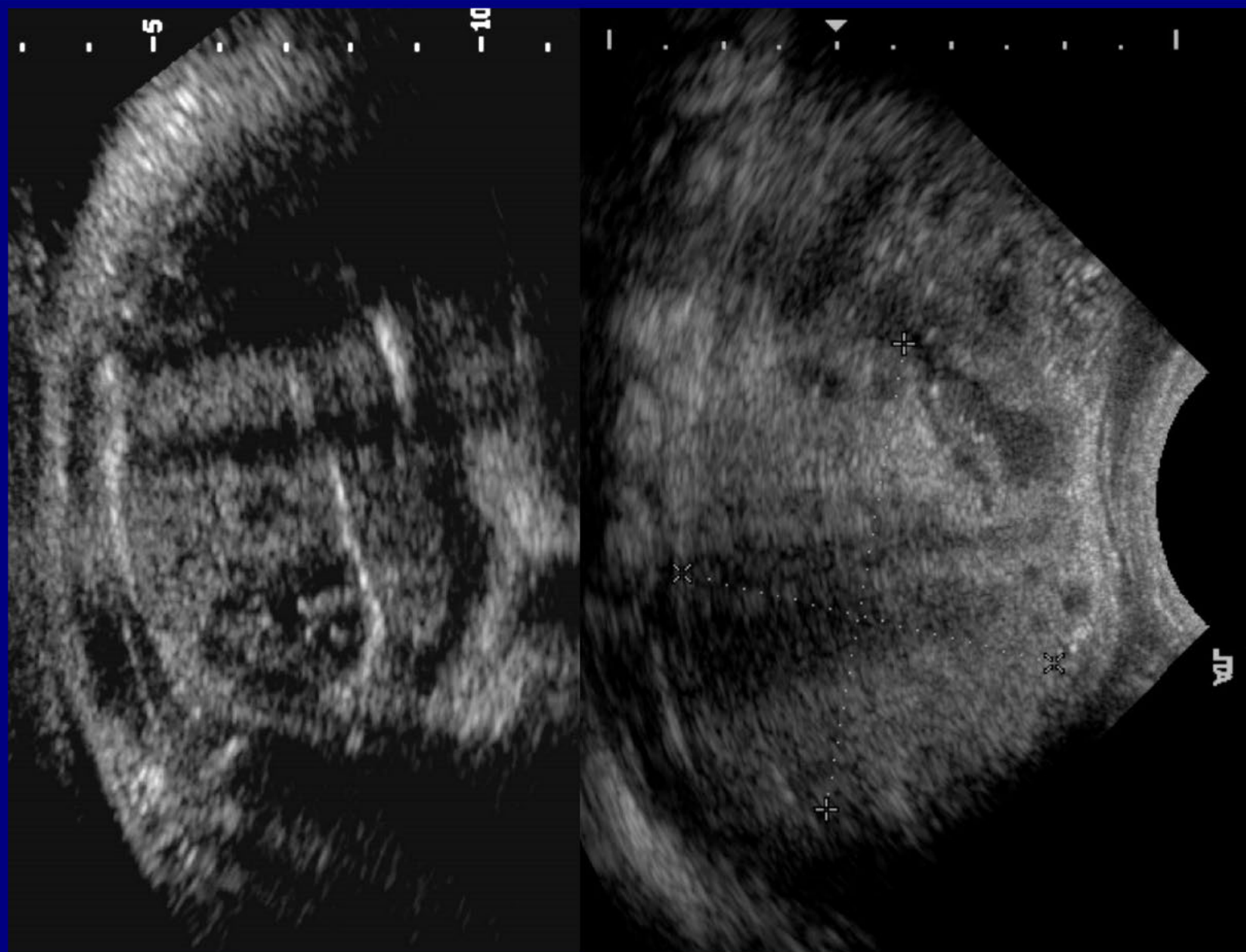
Contributor:

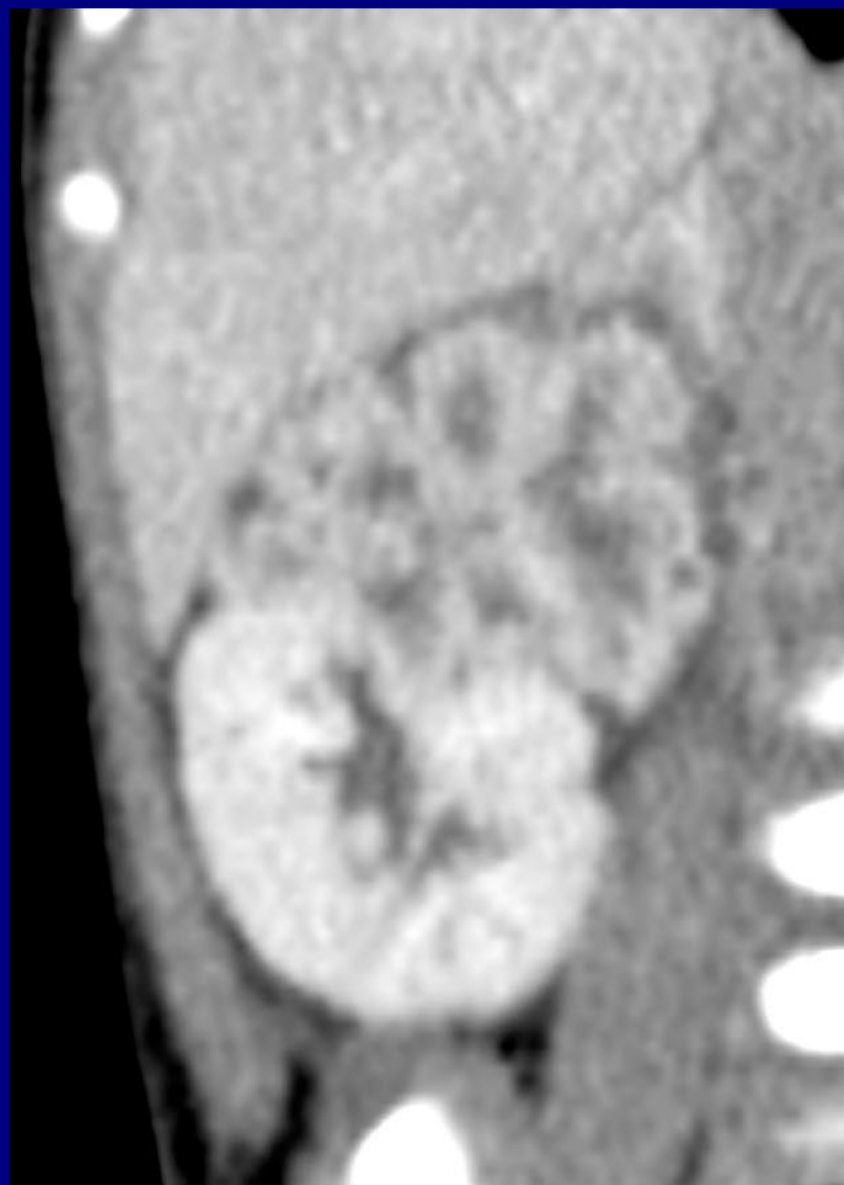
Laurie Vance, MD
Henry Ford Hospital
Royal Oak, Michigan

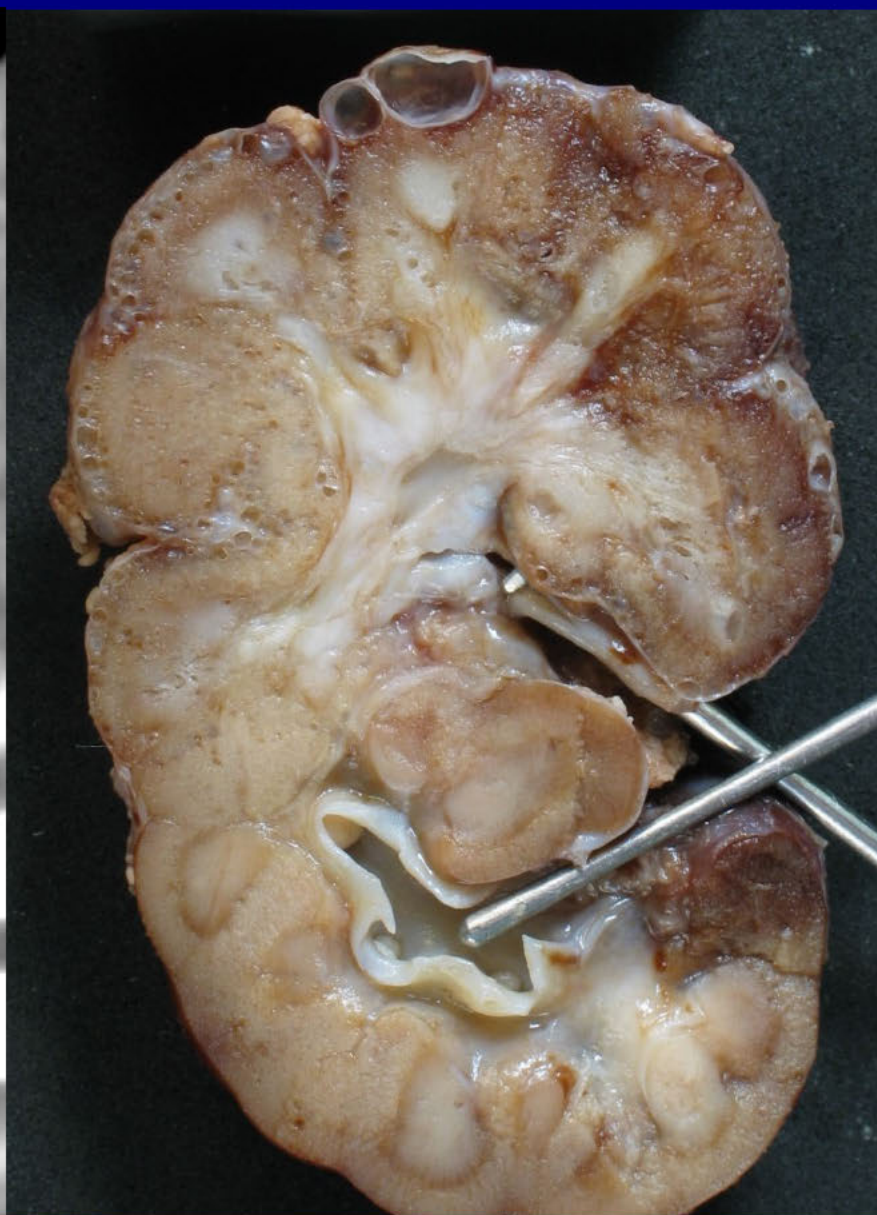
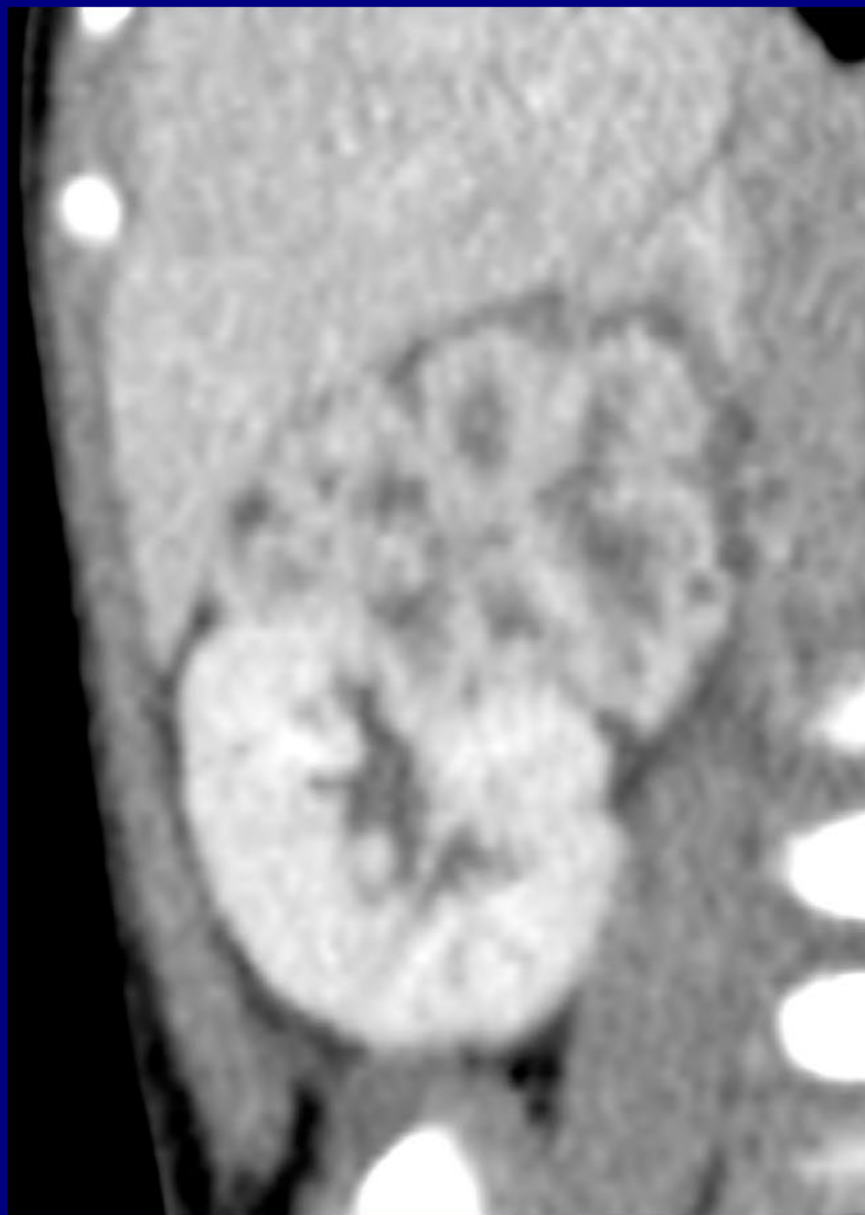
Pediatric Best Case

History

Newborn with prenatal diagnosis of mass in right kidney





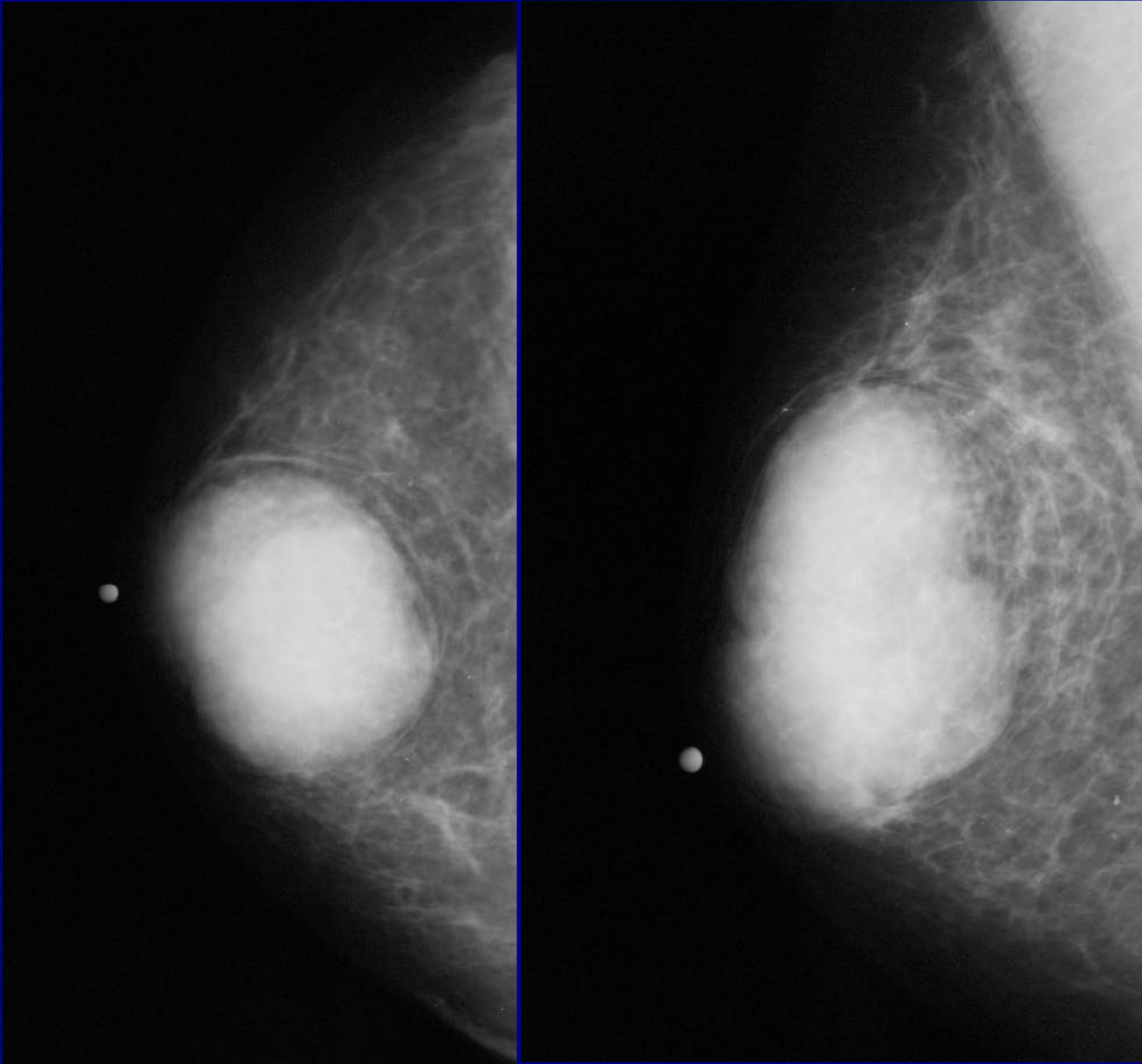


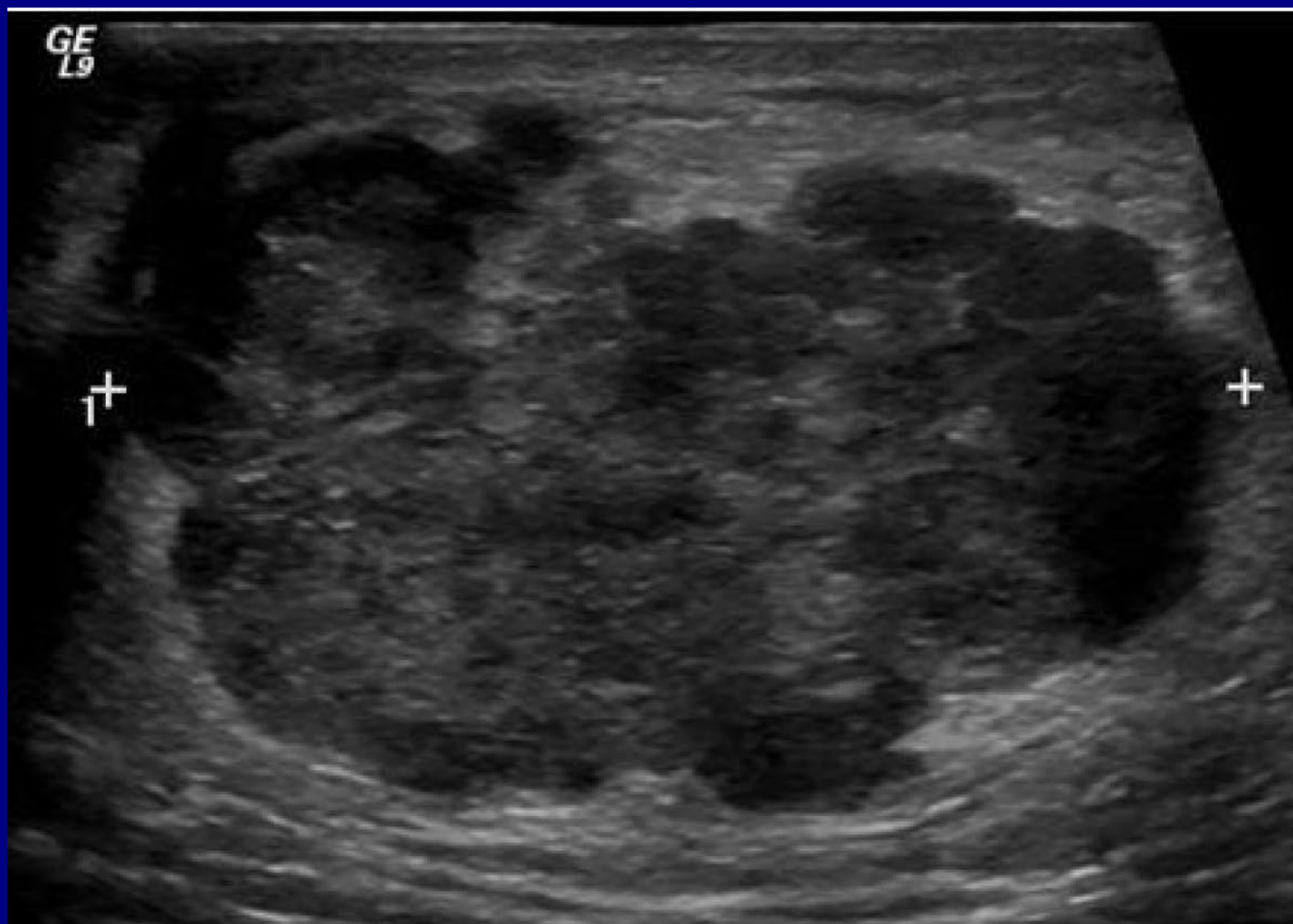
Duplex kidney with upper pole renal dysplasia

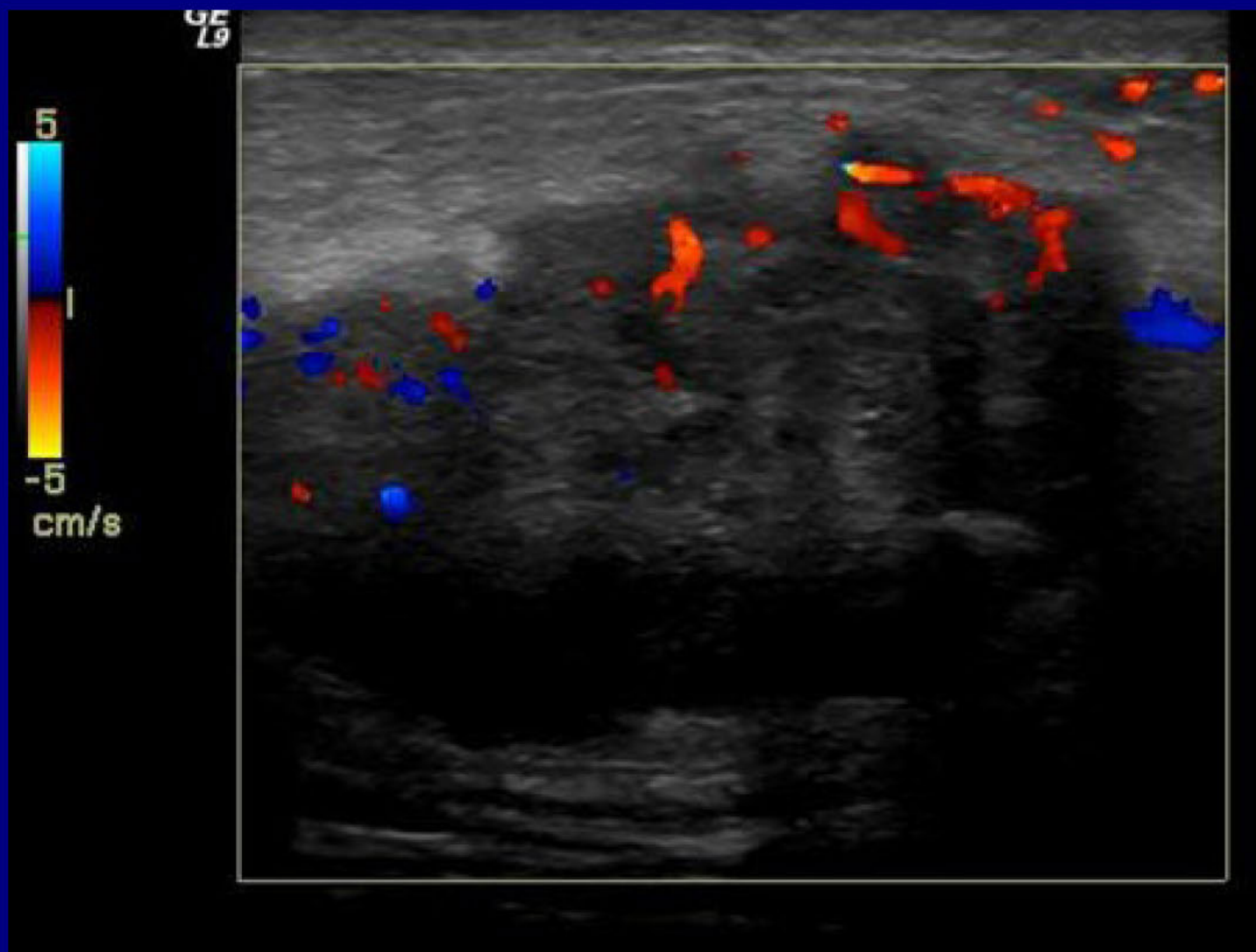
Faisal Raja
University of Western Ontario
Londra, Ontario
Canada

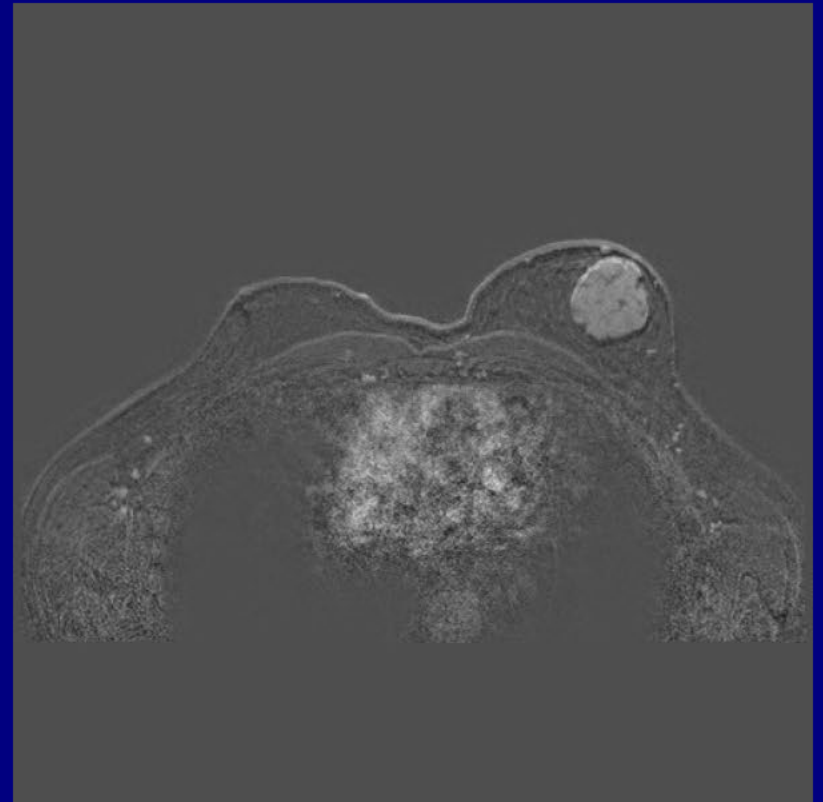
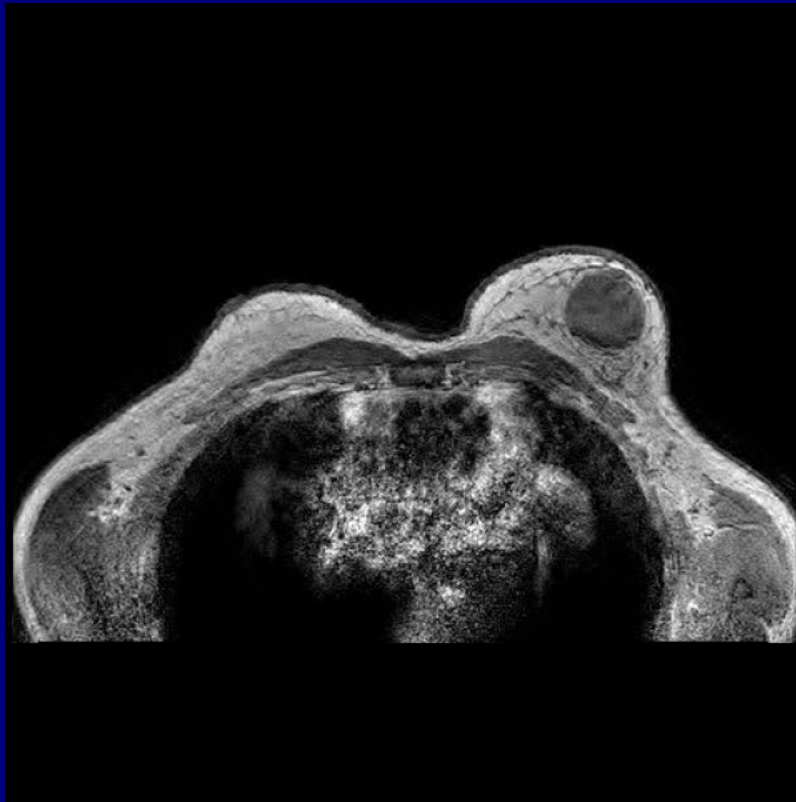
Breast Best Case

A 70 year old male with type 2 diabetes, hypertension, dyslipidemia, and benign prostatic hyperplasia reported a slowly growing left breast mass









Myofibroblastoma

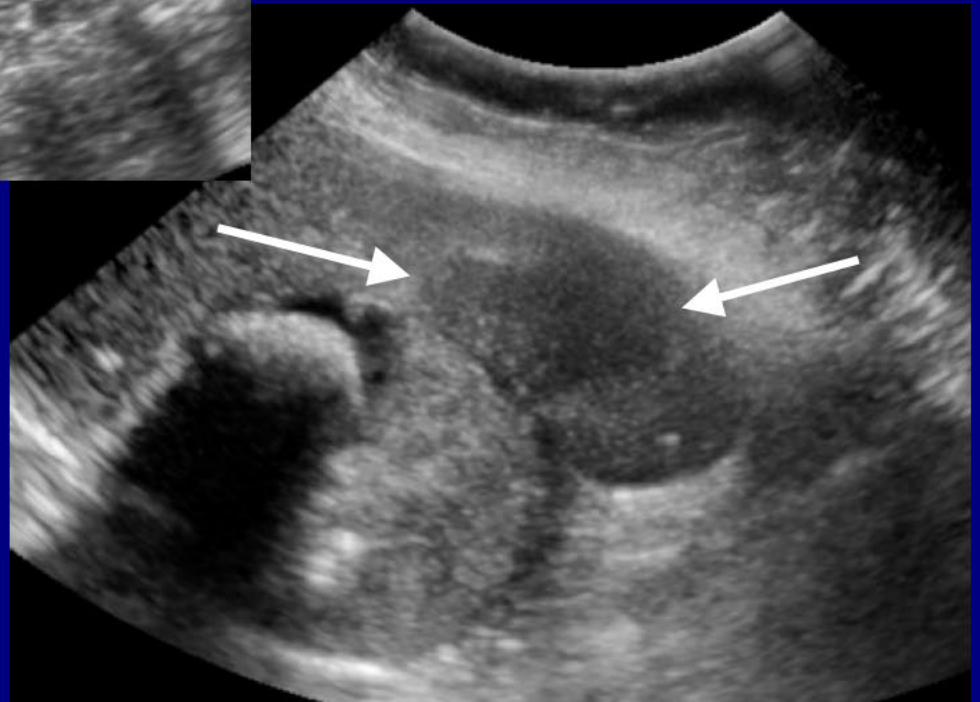
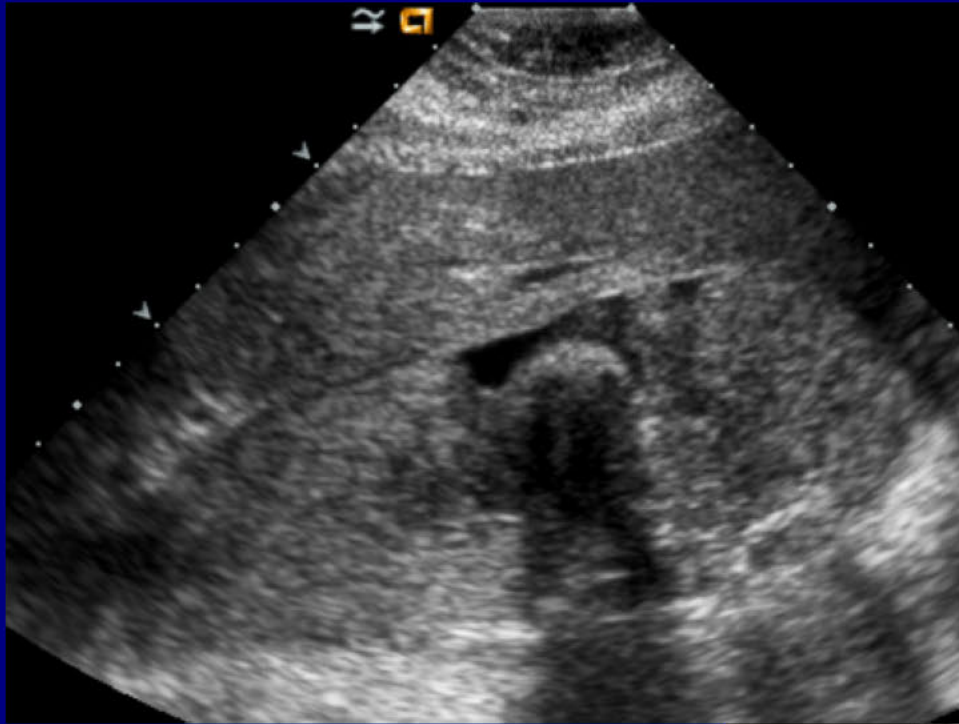


Myofibroblastoma

Louis Gaboury
Hôtel-Dieu of Montreal (CHUM)
Montreal, Quebec
Canada

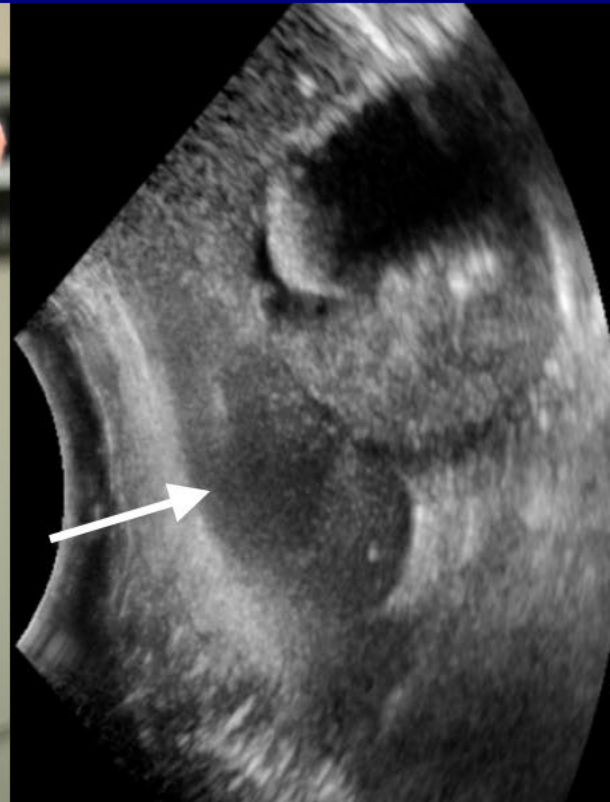
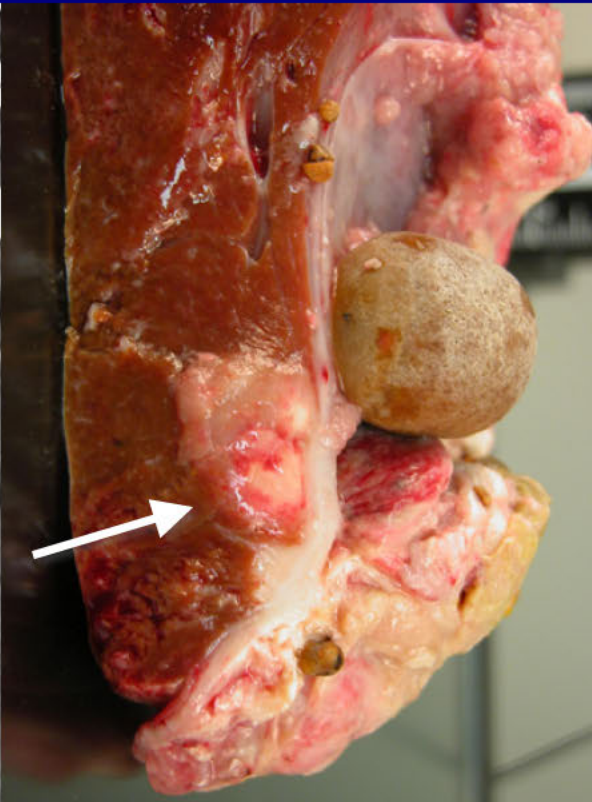
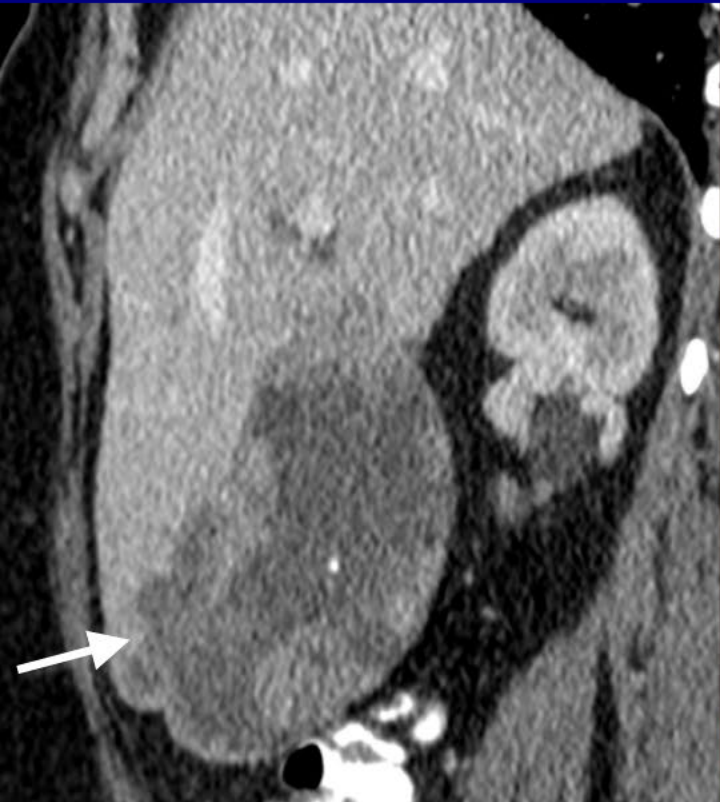
Gastrointestinal Best Case

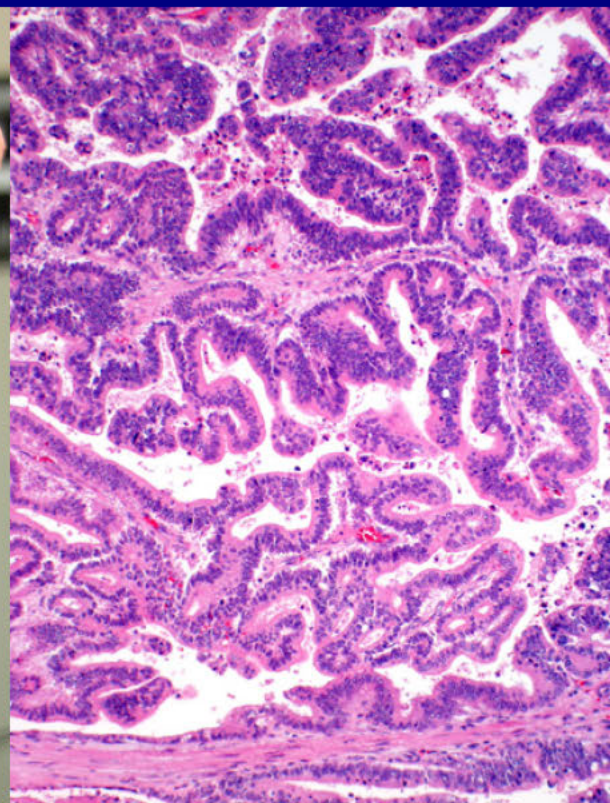
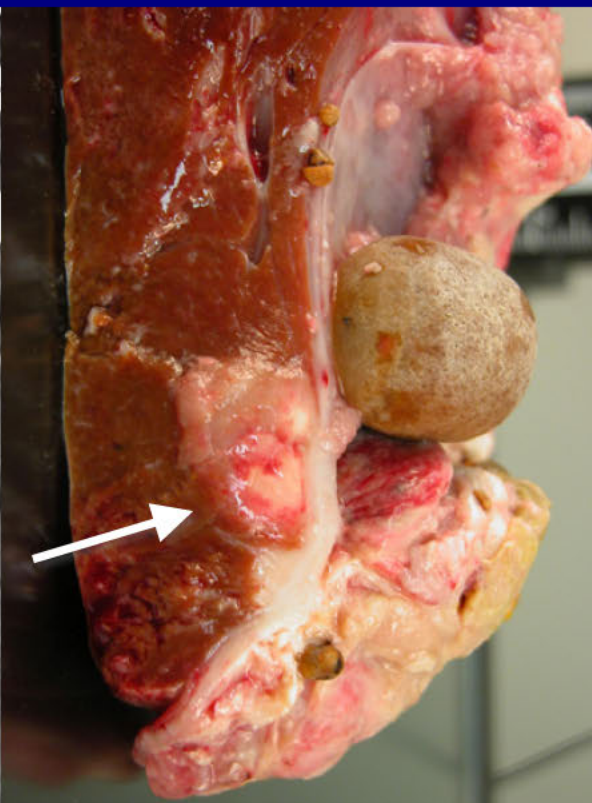
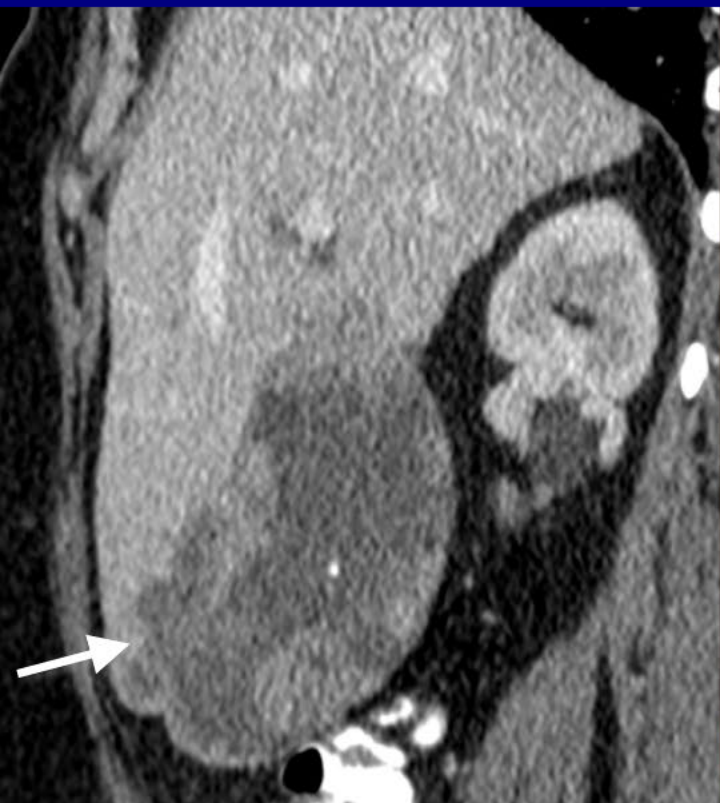
67-year-old woman with right upper quadrant abdominal pain, nausea, and vomiting











Papillary Adenocarcinoma of the Gallbladder

Hesham Hussain
University of Alabama Medical Center,
Birmingham, Alabama

Many thanks to all of you for submitting
such great cases!
Have a safe trip home -

From the staff of the
American Institute for Radiologic Pathology