Best Cases of the AIRP

Sept-Oct 2018
Musculoskeletal Best Case
Clinical Information

44 year old female with past medical history of celiac disease presented with a 5 month history of enlargement of the anterior right knee and no associated pain.
Ultrasound

With Doppler
CLEAR CELL SARCOMA

Dr. Satinderpal Khera
UC Davis Medical Center
Sacramento, California
Honorable Mention
MSK
58 year old female with a mass on her forehead slowly enlarging since childhood that began to grow rapidly in the past year. She remembers a closed head injury from a ladder falling on her head in 1999. The mass is hard and painless to palpation. She denies headaches, seizures, altered mental status, or focal neurological deficit.
Cavernous Hemangioma of the Skull

Dr. Alvaro Bravo  
Centro Medico de Puerto Rico
Gastrointestinal Best Case
Clinical information

37-year-old woman with sudden onset of tingling and progressive weakness of her right hand 2 weeks ago, found to have multiple enhancing, hemorrhagic brain masses on brain MRI. Other than a lower back mole, she has no other complaints.
Primary Cutaneous Melanoma

Mitesh Patel
University of Iowa
Iowa City, Iowa
Neuroradiology Best Case
Clinical Information

77-year-old female with headaches, memory loss, and abnormal gait for 4 months
Colloid Cyst

Matheus Dorigatti Soldatelli, M.D.
Hospital de Clínicas de Porto Alegre
Porto Alegre, Brazil
Pulmonary and Mediastinal
Best Case
Chest

54 year old male with nonproductive cough and fatigue.
Anterior mediastinal mass
Anterior mediastinal mass
Anterior mediastinal mass
Anterior mediastinal mass: thymoma
Thymoma, Type A

Erin Taylor, MD
Yale School of Medicine
New Haven, CT
Cardiovascular Best Case
25 year old female with neurofibromatosis Type 1 presents to ER with pleuritic chest pain and recent onset of dyspnea.
Enlarged cardiac silhouette, with precardiac soft tissue opacity on lateral view.
H&E stain (10x) shows necrosis

H&E stain (40x) shows atypia
Peripheral Nerve Sheath Tumor of the Pericardium

Jaramie Thomas-Gittens, MD
Centre hospitalier de l'Université de Montréal
Montreal, Canada
Breast Best Case
Clinical Information

52 year old female with bilateral breast implants presented with a palpable left breast mass and right breast firmness.
Mammogram
Breast US

RIGHT BREAST OUTER 900
Histology

CD 30
Breast Implant Associated Anaplastic Large Cell Lymphoma

Jaime Wicks, MD
Mainline Health System
Bryn Mawr, Pennsylvania
Genitourinary Best Case
27 yo white male with no significant past medical history presenting with intermittent left testicular pain for one month ago with acute worsening since two days ago. No trauma or signs/symptoms of infection.
Testicular Mixed Germ Cell Tumor

Hamid Rajebi, MD
University of Texas Health Science Center
San Antonio, TX