Best Cases of the AIRP

Sept - Oct, 2014
Musculoskeletal Best Case
41 year old male with right hip pain
Magnified image of the hydatid membrane
Echinococcosis

Dr. Ignacia Labbe
Universidad de los Andes
Santiago, Chile
Honorable mention!

37 year old female with painful left chest wall mass
CT
Monostotic Fibrous Dysplasia

Dr. Allison Rubin
Nassau University Medical Center
East Meadow, New York
Gastrointestinal Best Case
Clinical information

• 79 yo M with persistent severe right upper quadrant pain radiating to the left hemi-abdomen starting 1 day ago.

• Physical exam reveals rebound tenderness and guarding with a palpable, firm right upper quadrant mass.

• Labs showed mild leukocytosis and mildly elevated CRP.

• US was requested for further evaluation
Gallbladder Sarcomatoid Carcinoma

Renza Van Gils, M.D.
Albert Schweitzer Ziekenhuis
Dordrecht, Netherlands
Neuroradiology Best Case
History

55-year-old Caucasian male with known diagnosis and acute left-sided hemiplegia and altered mental status.
Metastatic Melanoma

Steven Wright
University of Arkansas
Little Rock, Arkansas
Pulmonary and Mediastinal
Best Case
History

50 year old female with massive hemoptysis
Hemoptysis
Feeding Vessel

Aberrant vessel
Feeding Vessel
Post coil placement
Post coil placement
Post embolization

Embolization material in the vessel

Aberrant vessel
Intralobar Sequestration

Mark-Antoine Desrosiers, MD
Quebec, Canada
Cardiovascular Best Case
History

71 year old male, remote history of prostate cancer, slow growing cardiac mass.
Axial & sagittal HASTE (T2-weighted) images show a sharply circumscribed mass of uniform increased signal intensity which is either within or extrinsically compressing the inferior left atrium.
At surgery, an encapsulated vascular mass was removed from the left atrium, without myocardial invasion.
Cavernous Cardiac Hemangioma

Idil Hersi, MD
University
Location
Pediatric Best Case
17 year female with no significant past medical history who experienced sudden onset of pain in her left shoulder while playing volleyball. Her shoulder pain worsened over three weeks with acetaminophen and physical therapy. She developed numbness in her left first and second fingers and neck pain. Additionally she reported experiencing intermittent vague abdominal pain for approximately two years.
Extraskeletal Mesenchymal Chondrosarcoma

Brian Rigney, MD
New York Medical College
Valhalla, NY
Breast Best Case
54 yo female with prior invasive lobular carcinoma 8 years ago, axillary lymph node positive, treated with bilateral mastectomy, chemotherapy, and radiation therapy presents with abdominal pain.
Colonoscopy was performed.
CT of the chest, abdomen, pelvis
Histology
Invasive Lobular Carcinoma of the Breast, metastatic to the large and small bowel.

Henry Hanling Chow, MD
Norwalk Hospital
Norwalk, Connecticut
Genitourinary Best Case
History

37 year old female underwent diagnostic laproscopy for presumed endometriosis and a mass attached to the uterus was seen.
Myometrium

Abnormal endometrium lining cystic mass in myometrium

Normal endometrium

Abnormal myometrium within mass
Uterus like mass (endomyometriosis)

Ozden Narin
Yale New Haven Hospital
New Haven, CT
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