BEST CASES OF THE AIRP

January 23 – February 17, 2012
Musculoskeletal Best Case
40-year-old male who presented with a large medial left thigh mass, increasing in size over four years.
Myxoid Liposarcoma of the Thigh with Retroperitoneal Metastasis

David Arrington, MD
Medical University of South Carolina
Charleston, South Carolina
Neuroradiology Best Case
22 year old male with several years of progressive submental soft tissue fullness and newly developed respiratory difficulties (snoring, choking, and difficulty breathing). The patient initially ascribed the fullness to a "double-chin" related to obesity, however, the mass persisted despite 45 lb. intentional weight loss in the year prior to presentation.
Dermoid

Richard Irion, MD
Medical College of Wisconsin
Milwaukee, Wisconsin
Genitourinary Best Case
68-year-old male patient with lumbar pain for several months
Renal Oncocytoma

Renata Fava, MD
Fundação Pio XII - Hospital de Câncer de Barretos
São Paulo, Brazil
PULMONARY AND MEDIASTINAL IMAGING
53 year old male with recurrent pneumonia and empyema
Foreign Body Aspiration (Chicken Bone), Post Obstructive Pneumonia and Empyema

Badriya Al Qassabi, MD
McGill University Hospital Center
Montreal, Canada
Cardiovascular Imaging
65 year old female with shortness of breath
Axial spin-echo MR

Coronal spin-echo MR
Gross specimen shows necrotic contents with focal hemorrhage
Cyst: outer wall of granulation tissue, lined with inflammatory cells, large central zone of necrosis
Acid-fast hooklets compatible with Echinococcus (Ziehl-Neelsen stain)
Pericardial Echinococcal Cyst

Simon Ko, MD
University of Alberta
Edmonton, Canada
Pediatric Best Case
6 month old girl with 3 month history of excessive weight gain, acne, and pubic hair
Adrenal Cortical Carcinoma

Tracy Chandler, MD
University of British Columbia
Vancouver, Canada
Breast Best Case
69 year old woman with no personal or close family history of breast cancer presented with tenderness and fullness in the left breast for one year with palpable mass which, per patient, had not changed in size over the preceding 3-5 months.
Diagnostic Mammogram LT MLO
Ultrasound of Palpable Area
Infiltrating Lobular Carcinoma

Sonja Parisek, MD
David Grant USAF Medical Center
Fairfield, California
Gastrointestinal Best Case
28-year-old female complaining of early satiety, increased abdominal girth, and increased esophageal reflux symptoms over the past year.
Pancreatic Mucinous Cystic Neoplasm

Marcus Kirkpatrick, MD
University of Nebraska Medical Center, Omaha, Nebraska
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