Best Cases of the AIRP

April-May, 2015
Musculoskeletal Best Case
55 year old male with fall on left shoulder.
Giant Cell Tumor

Dr. Dushyant Thakur
SUNY Upstate Medical Center
Syracuse, New York
HONORABLE MENTION!

65 year old female with worsening left shoulder pain. PMH withheld.
Rice Bodies in Rheumatoid Arthritis

Dr. Inge Vanhooymissen
Erasmus Medical Center
Rotterdam, Netherlands
Gastrointestinal Best Case
48 year old male with 3 days of intermittent diffuse abdominal pain.

(-) fever

(+ ) nausea, anorexia
Appendiceal Diverticulitis

Marielle Kuijper, M.D.
Kennemer Gasthuis
Haarlem, Noord-Holland, Netherlands
65-year-old female with hemi-cranial headache and progressive forgetfulness
Noncontrast CT
MRI

GRE

Post contrast
Hemangiopericytoma

Antonio Lorenzo Gorriz, M.D.
Hospital General Universitario de Castellon
Castellon, Spain
Pulmonary and Mediastinal Best Case
78 year old female non smoker with a history of a cough
Consolidation obscures right heart border
Mass in the right hilum
Mass with middle lobe collapse
Middle lobe bronchial obstruction
Middle lobe bronchial obstruction
Middle lobe bronchial obstruction
Middle lobe bronchial obstruction
Endobronchial tumor

Bronchial Cartilage

Tumor
Bronchial Carcinoid

Hyeladzira Thahal, MD
Bristol Royal Infirmary
Bristol, United Kingdom
Cardiovascular Best Case
Adult female presents with one episode of retrosternal chest pain during swimming and a remote history of melanoma. EKG and blood pressure normal.
ECG-gated contrast-enhanced CT images centered on the aortic valve show a tiny branching filling defect (measuring 12 x 10 x 9 mm) associated with the left coronary leaflet.
Intraoperative view shows a multi-lobulated lesion attached to the left coronary aortic valve leaflet.
The resected lesion shows irregular gelatinous tissue fragments measuring up to 1.3 cm.
Histologic examination shows this lesion is comprised of papillary fronds with central fibrous stroma. The fronds are lined by a single layer of endothelial cells. No melanoma cells.
Fibroelastoma of the left coronary cusp of the aortic valve with intermittent occlusion of the left coronary artery

Dr. Arthur du Mee
Catharina Hospital
Eindhoven, Netherlands
Pediatric Best Case
10-year-old boy with episodes of “feeling hot” and tachycardia
Pheochromocytoma and Paraganglioma in von Hippel-Lindau Disease

Elaina Zabak, MD
University of Texas Southwestern Medical Center
Dallas, Texas
Breast Best Case
51 yo female presented to the ER with a long-standing, but now rapidly enlarging breast mass.
Axial Chest CT
Axial Chest CT
Axial Chest CT
Pre-Operative Clinical Image
Resected Tumor
Malignant Phyllodes Tumor

Jeffrey Quon, MD
The Ottawa Hospital
Ottawa, Ontario, Canada
Genitourinary Best Case
53 yo female with shortness of breath and weight loss.
Intravenous Leiomyoma

Blake Parsons, MD
University of Oklahoma Medical Center
Oklahoma City, Oklahoma
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