

IRAP CASE INDEX 2007-2008

The cases highlighted in red were selected as the case/cases of the month. The Powerpoint presentations for these cases can be found at chicagopathology.org/caseofthemoth.html.

September 2007 Northwestern University (NU)

Case 1: Mesothelial proliferation c/w mesothelioma, hernia sac/hydrocele

Case 2: Clear cell carcinoma of unknown origin, in liver, ? extrarenal, renal cell, ?VHL associated tumor

Case 3: Dermatofibrosarcoma protuberans with sarcomatoid transformation and myoid differentiation

Case 4: Sclerosing cholangitis with hepatic inflammatory pseudotumor (with features intermediate between an IgG type IV fibrosclerosing process and a fibrohistiocytic subtype of inflammatory pseudotumor)

Case 5: SLE associated lymphadenitis

Case 6: Malignant melanoma arising within an ovarian mature cystic teratoma

November 2007, Children's Memorial Hospital (CMH)

Case 1: ALK+ diffuse large B-cell lymphoma

Case 2: Pediatric primary follicular lymphoma, testes

Case 3: Diffuse meningeal melanocytosis

Case 4: Papillary meningioma, WHO grade III

Case 5: Infantile hemangioendothelioma of the liver

Case 6: Clear cell sarcoma, kidney

Case 7: Tyrosinemia, type I, acute, liver

November 2007, Rush University Medical Center (RU)

Case 1: Papillary renal cell carcinoma, solid variant

Case 2: Bile duct granular cell tumor with secondary sclerosing cholangitis with cirrhosis

Case 3: Idiopathic infantile calcification of the newborn (aorta)

Case 4: Medullary thyroid carcinoma metastatic to breast and axillary lymph nodes

Case 5: Metaplastic, matrix-producing breast carcinoma

Case 6: Intravascular Large B-cell lymphoma, in bronchial biopsy

Case 7: Recurrent Type I diabetes mellitus and insulinitis

January 2008, University of Chicago, (UC)

Case 1: CD4+CD56+ Hematodermic neoplasm (plasmacytoid dendritic cell tumor)

Case 2: Gastrointestinal stromal tumor, stomach, PDGFRA-mutation positive, KIT-mutation negative

Case 3: Renal cell carcinoma, clear cell carcinoma

Case 4: Nephrogenic fibrosing dermopathy / Nephrogenic systemic fibrosis

Case 5: Mycobacterial spindle cell pseudotumor, lymph node

Case 6: Sclerosing hepatic carcinoma with associated peliosis hepatitis

Case 7: G-CSF secreting, proximal type epithelioid sarcoma with leukocytosis

February 2008, University of Illinois at Chicago, (UIC)

Case 1: Classic Hodgkin Lymphoma, pleura and lung

Case 2: Tumoral calcinosis

Case 3: Adrenal cortical carcinosarcoma

Case 4: Testicular sex cord / gonadal stromal tumor, unclassified, spindle cell type

Case 5: Pancreatic neuroendocrine carcinoma

Case 6: Infantile myofibromatosis, solitary form

Case 7: Infantile fibrosarcoma

March 2008, Evanston Northwestern Healthcare (EV)

Case 1: Endometrial carcinosarcoma with high grade serous carcinoma and a large area of primitive neuroectodermal tumor with focal glial differentiation

Case 2: Microscopic medullary carcinoma, C-cell hyperplasia, and parathyroid adenoma in a patient with MEN2A

Case 3: Canavan's disease (aspartocylase deficiency, spongiform leukodystrophy)

Case 4: Urothelial carcinoma of the kidney with thyroid-like differentiation

Case 5: Massive perivillous fibrin deposition

Case 6: Small cell carcinoma of the ovary, hypercalcemic type with large cell features

April 2007, Loyola University Medical Center / Hines VA (LU)

Case 1: Xp11.2 translocation renal cell carcinoma

Case 2: Placental site trophoblastic tumor

Case 3: Danon disease (X-linked vacuolar cardiomyopathy and myopathy)

Case 4: Hidradenoma with features worrisome for transformation to low grade carcinoma

Case 5: Congenital Mediastinal immature teratoma

Case 6: Uterine PEComa

Case 7: Extranodal Rosai-Dorfman disease involving the pancreas and right lung

SITE INDEX

Adrenal:

Adrenal cortical carcinosarcoma, UIC 3

Breast:

Medullary thyroid carcinoma metastatic to breast and axillary lymph nodes, RU 4

Metaplastic, matrix-producing breast carcinoma, RU 5

Cardiovascular:

Idiopathic infantile calcification of the newborn (aorta), RU 3

Danon disease (X-linked vacuolar cardiomyopathy and myopathy), LU 3

Female genital tract:

Malignant melanoma arising within an ovarian mature cystic teratoma, NU 6

Endometrial carcinosarcoma with high grade serous carcinoma and a large area of primitive neuroectodermal tumor with focal glial differentiation, EV 1

Massive perivillous fibrin deposition, EV 5

Small cell carcinoma of the ovary, hypercalcemic type with large cell features, EV 6

Placental site trophoblastic tumor, LU 2

Uterine PEComa, LU 6

Gastrointestinal:

Gastrointestinal stromal tumor, stomach, PDGFRA-mutation positive, KIT-mutation negative, UC 2

Kidney/Urinary tract/Prostate/Testes/adnexa:

Clear cell carcinoma of unknown origin in liver. ? extrarenal, renal cell, ?VHL associated tumor, NU 2

Pediatric primary follicular lymphoma, testes, CMH 2

Clear cell sarcoma, kidney, CMH 6

Papillary renal cell carcinoma, solid variant, RU 1

Renal cell carcinoma, clear cell carcinoma, UC 3

Nephrogenic fibrosing dermopathy / Nephrogenic systemic fibrosis, UC 4

Testicular sex cord / gonadal stromal tumor, unclassified, spindle cell type, UIC 4

Urothelial carcinoma of the kidney with thyroid-like differentiation, EV 4

Xp11.2 translocation renal cell carcinoma, LU 1

Liver/gallbladder/bile ducts:

Clear cell carcinoma of unknown origin in liver, ? extrarenal, renal cell, ?VHL associated tumor, NU 2

Bile duct granular cell tumor with secondary sclerosing cholangitis with cirrhosis, RU 2

Sclerosing cholangitis with hepatic inflammatory pseudotumor (with features intermediate between an IgG type IV fibrosclerosing process and a fibrohistiocytic, NU 4

Infantile hemangioendothelioma of the liver, CMH 5

Tyrosinemia, type I, acute, liver, CMH 7

Sclerosing hepatic carcinoma with associated peliosis hepatitis, UC 6

Lung:

Intravascular Large B-cell lymphoma, in bronchial biopsy, RU 6

Classic Hodgkin Lymphoma, pleura and lung, UIC 1

Lymph node, spleen, bone marrow, blood, etc. (Hematopathology):

SLE associated lymphadenitis, NU 5
ALK+ diffuse large B-cell lymphoma, CMH 1
Pediatric primary follicular lymphoma, testes, CMH 2
Intravascular Large B-cell lymphoma, in bronchial biopsy, RU 6
CD4+CD56+ Hematodermic neoplasm (plasmacytoid dendritic cell tumor), UC 1
Mycobacterial spindle cell pseudotumor, lymph node, UC 5
G-CSF secreting, proximal type epithelioid sarcoma with leukocytosis, UC 7
Classic Hodgkin Lymphoma, pleura and lung, UIC 1
Extranodal Rosai-Dorfman disease involving the pancreas and right lung, LU 7

Neuropathology:

Diffuse meningeal melanocytosis, CMH 3
Papillary meningioma, WHO grade III, CMH 4
Canavan's disease (aspartocylase deficiency, spongiform leukodystrophy), EV 3
Danon disease (X-linked vacuolar cardiomyopathy and myopathy), LU 3

Pancreas:

Recurrent Type I diabetes mellitus and insulinitis, RU 7
Pancreatic neuroendocrine carcinoma, UIC 5
Extranodal Rosai-Dorfman disease involving the pancreas and right lung, LU 7

Pleura/peritoneum/pelvis/related

Mesothelial proliferation c/w mesothelioma, hernia sac/hydrocele, NU 1

Skin:

CD4+CD56+ Hematodermic neoplasm (plasmacytoid dendritic cell tumor), UC 1
Nephrogenic fibrosing dermopathy / Nephrogenic systemic fibrosis, UC 4
Hidradenoma with features worrisome for transformation to low grade carcinoma, LU 4

Soft tissue:

Dermatofibrosarcoma protuberans with sarcomatoid transformation and myoid differentiation, NU 3
Infantile hemangioendothelioma of the liver, CMH 5
Clear cell sarcoma, kidney, CMH 6
Nephrogenic fibrosing dermopathy / Nephrogenic systemic fibrosis, UC 4
Mycobacterial spindle cell pseudotumor, lymph node, UC 5
G-CSF secreting, proximal type epithelioid sarcoma with leukocytosis, UC 7
Tumoral calcinosis, UIC 2
Infantile myofibromatosis, solitary form, UIC 6
Infantile fibrosarcoma, UIC 7
Danon disease (X-linked vacuolar cardiomyopathy and myopathy), LU 3

Thyroid:

Medullary thyroid carcinoma metastatic to breast and axillary lymph nodes, RU 4
Microscopic medullary carcinoma, C-cell hyperplasia, and parathyroid adenoma in a patient with MEN2A, EV 2

Head and neck

Other:

Clear cell carcinoma of unknown origin in liver,? extrarenal, renal cell, ?VHL associated tumor, NU 2

Tyrosinemia, type I, acute, liver, CMH 7

Mycobacterial spindle cell pseudotumor, lymph node, UC 5

Congenital Mediastinal immature teratoma, LU 5