



CALIFORNIA
TUMOR TISSUE REGISTRY

PATHOLOGY OF THE LUNG & MEDIASTINUM

Minutes – Subscription B

October 2013



SUGGESTED READING (General Topics from Recent Literature):

Sox10 Expression Distinguishes Desmoplastic Melanoma From Its Histologic Mimics. *Am J Dermatopathol* 2013; 35:576-581, Palla B, Su A, et al.

Cytologic and Cystoscopic Predictors of Recurrence and Progression in Patients With Low-Grade Urothelial Carcinoma. *Cancer Cytopathol* 2013; 121: 398-402. Jackson J, Barkan GA, et al.

Expression of CK7, Cam 5.2 and Ber-EP4 in Cutaneous Squamous Cell Carcinoma. *J Cutan Pathol* 2013; 40:646-650. Clarke LE, Conway AB, et al.

Immunohistochemistry in the Differential Diagnostics of Primary Lung Cancer: An Investigation Within the Southern Swedish Lung Cancer Study. *Am J Clin Pathol* 2013; 140:37-46. Brunnstrom H, Johansson L, et al.

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FILE DIAGNOSES

CTTR Subscription B

October 2013

Case 1:

Usual interstitial pneumonia, right lung

Case 2:

Sclerosing hemangioma, lung

Case 3:

Necrotizing inflammation with exuberant squamous metaplasia. Cannot exclude infective process.

Case 4:

Bronchioalveolar carcinoma (lepidic predominant adenocarcinoma), lung

Case 5:

Mucinous adenocarcinoma, lung

Case 6:

Kaposi sarcoma, lung

Case 7:

Rhabdomyosarcoma, lung

Case 8:

Metastatic melanoma, lung

Case 9:

Thymoma, WHO AB, anterior mediastinum

Case 10:

Diffuse large B-cell lymphoma, anterior mediastinum

San Diego (Naval Medical Center) - Usual interstitial pneumonia (UIP)
Delaware (Armed Forces Medical Examiner System) - Usual interstitial pneumonia
Florida (Munroe Regional) - UIP consistent with hoop-like changes
Georgia, Atlanta - Usual interstitial pneumonitis
Illinois (Heartland Regional Medical Center) - Organizing pneumonia and interstitial fibrosis
Illinois (Northwestern University) - Usual interstitial pneumonia with Masson bodies
Kansas (Peterson Laboratory Services) - Usual interstitial pneumonia (2)
New York (SUNY Downstate Medical Center) - Cryptogenic organizing pneumonia
Ohio (Cleveland Clinic Residents) - Usual interstitial pneumonia (1); Lymphoma (1)
Oregon (Oregon Health Science University Residents) - Organizing pneumonia
Tennessee, Knoxville - Emphysema and interstitial fibrosis rule out UIP vs. drug effect vs. collagen vascular disease
Texas, Lubbock - Cryptogenic organizing pneumonia
Wisconsin (Medical College of Wisconsin) - Acute exacerbation of interstitial fibrosis (RB-ILD)
Canada (Pasqua Hospital) - Usual interstitial pneumonia
Ireland (Connelly Hospital) - BOOP
Japan (Asahi General Hospital) - Usual interstitial pneumonia (1); Interstitial fibrosis (1)
Saudi Arabia (King Khalid University Hospital) - Cryptogenic organizing pneumonia
United Kingdom (John Radcliffe Hospital) - Usual interstitial pneumonia

Case 1 - Diagnosis:

Usual interstitial pneumonia, right lung

Case 1 - References:

Histopathologic findings of transbronchial biopsy in usual interstitial pneumonia.

Pathol Int 2010; May;60(5): p373-7

Shim HS; Park MS; Park IK

Prognostic factors in rapidly progressive interstitial pneumonia.

Respiratory 2010; Feb;15(2): p257-64

Kondoh Y; Taniguchi H, et al.

Nonneoplastic lung disease--more than just usual interstitial pneumonia.

Arch Pathol Lab Med 2010 May;134(5): p665-6

Beasley MB

Transbronchial biopsy in usual interstitial pneumonia.

Chest 2006; May;129(5): p1126-31

Berbesu EA; Katzenstein AL, et al.

Pathogenesis and natural history of usual interstitial pneumonia: the whole story or the last chapter of a long novel.

Chest 2005; Nov;128(5 Suppl 1): p526S-532S

Strieter RM

San Diego (Naval Medical Center) - Sclerosing hemangioma
Delaware (Armed Forces Medical Examiner System) - Sclerosing hemangioma
Florida (Munroe Regional) - Sclerosing hemangioma
Georgia, Atlanta - Sclerosing hemangioma
Illinois (Heartland Regional Medical Center) - Adenocarcinoma, papillary

Illinois (Northwestern University) - Sclerosing hemangioma (pneumocytoma)
Kansas (Peterson Laboratory Services) - Sclerosing hemangioma (2)
New York (SUNY Downstate Medical Center) - So-called sclerosing hemangioma
Ohio (Cleveland Clinic Residents) - Sclerosing hemangioma (2)
Oregon (Oregon Health Science University Residents) - Sclerosing hemangioma
Tennessee, Knoxville - Sclerosing hemangioma
Texas, Lubbock - Poorly differentiated adenocarcinoma
Wisconsin (Medical College of Wisconsin) - Pneumocytoma (sclerosing hemangioma)
Canada (Pasqua Hospital) - Sclerosing hemangioma
Ireland (Connelly Hospital) - Inflammatory pseudotumor
Japan (Asahi General Hospital) - Sclerosing hemangioma (1); Papillary adenocarcinoma (1)
Saudi Arabia (King Khalid University Hospital) - Sclerosing hemangioma
United Kingdom (John Radcliffe Hospital) - Sclerosing pneumocytoma

Case 2 - Diagnosis:

Sclerosing hemangioma, lung

Case 2 - References:

Pulmonary sclerosing hemangioma associated with familial adenomatous polyposis.

Hum Pathol 2004; Jun;35(6): p764-8

Hosaka N; Sasaki T, et al.

Sclerosing hemangioma of the lung: an analysis of 44 cases.

J Chin Med Assoc (China 2003; Jan;66(1): p33-8

Kuo KT; Hsu WH, et al.

Cystic sclerosing haemangioma of the lung.

Histopathology 2003; Sep;43(3): p239-43

Khoury JD; Shephard MN; Moran CA

So-called sclerosing hemangioma of lung: current concept.

Ann Diagn Pathol 2010; Feb;14(1): p60-7

Kalhor N; Staerckel GA; Moran CA

Sclerosing hemangioma of the lung.

Arch Pathol Lab Med 2009; May;133(5): p820-5

Keylock JB; Galvin JR; Franks TJ

Multiple combined sclerosing haemangiomas and tumourlets. A report of two patients with bilateral disease.

Histopathology 2008; Nov;53(5): p614-7

Saluja R; Pomplun S, et al.

Case No. 3, Accession No. 25484

October 2013

San Diego (Naval Medical Center) - Necrosis with atypical squamous metaplasia, cannot rule out SCC

Delaware (Armed Forces Medical Examiner System) - Necrotizing vasculitis

Florida (Munroe Regional) - Squamous cell carcinoma

Georgia, Atlanta - Atypical squamous proliferation associated with lung infarct and abscess

Illinois (Heartland Regional Medical Center) - Necrotizing pneumonia with abscess and squamous metaplasia

Illinois (Northwestern University) - Infectious and squamous metaplasia

Kansas (Peterson Laboratory Services) - Squamous cell carcinoma (2)

New York (SUNY Downstate Medical Center) - Invasive squamous cell carcinoma

Ohio (Cleveland Clinic Residents) - Abscess cavity (1); Squamous cell carcinoma (1)

Oregon (Oregon Health Science University Residents) - Cavitory lesion, favor vasculitis rule out infection

Tennessee, Knoxville - Squamous cell carcinoma
Texas, Lubbock - Squamous cell carcinoma
Wisconsin (Medical College of Wisconsin) - Necrotizing inflammation with exuberant squamous metaplasia
Canada (Pasqua Hospital) - Pneumonia with infarction and squamous metaplasia
Ireland (Connelly Hospital) - Squamous cell carcinoma
Japan (Asahi General Hospital) - Wegener's granulomatosis (1); Squamous cell carcinoma with sarcomatoid differentiation
Saudi Arabia (King Khalid University Hospital) - Squamous cell carcinoma
United Kingdom (John Radcliffe Hospital) - Infective process, likely PCP

Case 3 - Diagnosis:

Necrotizing inflammation with exuberant squamous metaplasia. Cannot exclude infective process.

Case 3 - References:

Modern history of surgical management of lung abscess: from Harold Neuhof to current concepts.
Ann Thorac Surg 2011; Dec;92(6): p2293-7
 Schweigert M; Dubecz A, et al.

Squamous metaplasia induced by transfection of human papillomavirus DNA into cultured adenocarcinoma cells.
Mol Pathol 2003; Apr;56(2): p97-108
 Kinjo T; Kamiyama K, et al.

Squamous metaplasia in the cyst epithelium of type 1 congenital pulmonary airway malformation after thoracoamniotic shunt placement.
Hum Pathol 2012; Sep;43(9): p1413-7
 Matsuoka K; Hayashi S, et al.

AKR1B10 in usual interstitial pneumonia: expression in squamous metaplasia in association with smoking and lung cancer.
Pathol Res Pract 2008; 204(5): p295-304
 Li CP; Goto A, et al.

Lung pathology of fatal severe acute respiratory syndrome.
Lancet 2003; May 24;361(9371): p1773-8
 Nicholls JM; Poon LL, et al.

Pulmonary granulomatous vasculitis induced by insoluble particulates: a case report.
Ultrastruct Pathol 2003; Nov-Dec;27(6): p439-49
 Hammar SP; Williams MG; Dodson RF

Pulmonary emergencies: pneumonia, acute respiratory distress syndrome, lung abscess, and empyema.
Med Clin North Am 2012; Nov;96(6): p1127-48
 Desai H; Agrawal A

Case No. 4, Accession No. 31693

October 2013

San Diego (Naval Medical Center) - Lepidic predominant adenocarcinoma
Delaware (Armed Forces Medical Examiner System) - Adenocarcinoma lepidic and papillary patterns
Florida (Munroe Regional) - Adenocarcinoma
Georgia, Atlanta - Non-mucinous bronchioloalveolar carcinoma (BAC)
Illinois (Heartland Regional Medical Center) - Adenocarcinoma, predominantly in-situ (bronchioloalveolar carcinoma)
Illinois (Northwestern University) - Adenocarcinoma in-situ
Kansas (Peterson Laboratory Services) - Invasive adenocarcinoma, lepidic predominant (2)
New York (SUNY Downstate Medical Center) - Adenocarcinoma with lepidic pattern

Ohio (Cleveland Clinic Residents) - Lepidic type adenocarcinoma (with acinar components), invasive (2)
Oregon (Oregon Health Science University Residents) - Invasive adenocarcinoma rising in a background of non-mucinous adenocarcinoma in-situ
Tennessee, Knoxville - Well-differentiated adenocarcinoma
Texas, Lubbock - Papillary carcinoma
Wisconsin (Medical College of Wisconsin) - Adenocarcinoma with lepidic growth pattern
Canada (Pasqua Hospital) - AIS with minimally invasive carcinoma
Ireland (Connelly Hospital) - Adenocarcinoma with BA growth pattern
Japan (Asahi General Hospital) - Bronchioloalveolar carcinoma (1); Papillary adenocarcinoma (1)
Saudi Arabia (King Khalid University Hospital) - Bronchioalveolar carcinoma (lepidic predominant adenocarcinoma)
United Kingdom (John Radcliffe Hospital) - Bronchioloalveolar carcinoma

Case 4 - Diagnosis:

Bronchioalveolar carcinoma (lepidic predominant adenocarcinoma), lung

Case 4 - References:

Bronchioloalveolar carcinoma and the significance of invasion: predicting biologic behavior.
Arch Pathol Lab Med 2010; Oct;134(10): p1450-4
 Schmidt L; Myers J

Cytodiagnostic aspects of bronchioloalveolar carcinoma manifesting with small cell morphology on respiratory specimens: a case report.
Acta Cytol 2010; Sep-Oct;54(5 Suppl): p1018-22
 Siddaraju N; Yedlapati GK, et al.

Bronchioloalveolar carcinoma is really carcinoma in situ.
Arch Pathol Lab Med 2008; Oct;132(10): p1548
 Goyal A; Chen S

Mucinous and nonmucinous bronchioloalveolar carcinoma and smoking.
Am J Clin Pathol 2010; Feb;133(2): p341-2
 Garfield D

Appearance of bronchioloalveolar carcinoma and the rapid progression into invasive papillary adenocarcinoma.
Gen Thorac Cardiovasc Surg 2009; Apr;57(4): p224-7
 Kaneda H; Sakaida N, et al.

Case No. 5, Accession No. 31696

October 2013

San Diego (Naval Medical Center) - Pleomorphic adenoma
Delaware (Armed Forces Medical Examiner System) - Mucinous adenocarcinoma
Florida (Munroe Regional) - Clear cell tumor
Georgia, Atlanta - Mucinous adenocarcinoma with BAC features
Illinois (Heartland Regional Medical Center) - Adenocarcinoma, mucinous, well-differentiated
Illinois (Northwestern University) - Adenocarcinoma, mucinous type
Kansas (Peterson Laboratory Services) - Invasive mucinous carcinoma (1); Mucinous adenocarcinoma (1)
New York (SUNY Downstate Medical Center) - Pulmonary hamartoma with oncocytic metaplasia
Ohio (Cleveland Clinic Residents) - Invasive mucinous adenocarcinoma (2)
Oregon (Oregon Health Science University Residents) - Mucinous adenocarcinoma in-situ, rule out small invasive component
Tennessee, Knoxville - Invasive mucinous carcinoma
Texas, Lubbock - Mucin secreting adenocarcinoma
Wisconsin (Medical College of Wisconsin) - Colloid carcinoma (mucinous carcinoma)
Canada (Pasqua Hospital) - AIS mucinous

Ireland (Connelly Hospital) - Hamartoma
Japan (Asahi General Hospital) - Bronchioloalveolar carcinoma, mucinous subtype (2)
Saudi Arabia (King Khalid University Hospital) - Low grade mucoepidermoid carcinoma
United Kingdom (John Radcliffe Hospital) - Adenocarcinoma (acinar and mucinous pattern)

Case 5 - Diagnosis:

Mucinous adenocarcinoma, lung

Case 5 - References:

Signet ring cell adenocarcinoma of the lung with an EML4-ALK fusion gene mimicking mucinous (colloid) adenocarcinoma: a case report.

Lung Cancer 2011; Sep;73(3): p375-8

Ohba T; Sugio K, et al.

Non-mucinous and mucinous subtypes of adenocarcinoma with bronchioloalveolar carcinoma features differ by biomarker expression and in the response to gefitinib.

Lung Cancer 2010 May;68(2): p185-91

Wislez M; Antoine M, et al.

Fine-needle aspiration cytology of pulmonary mucinous cystadenocarcinoma.

Diagn Cytopathol 2008; Aug;36(8): p581-5

Chieng DC

Primary signet-ring cell carcinoma of the lung: a report of 2 cases.

Acta Cytol 2010; Sep-Oct;54(5 Suppl): p771-4

Nakamura M; Motosugi U, et al.

Adenocarcinomas with prominent lepidic spread: retrospective review applying new classification of the American Thoracic Society.

Am J Surg Pathol 2012; Feb;36(2): p273-82

Xu L; Tavora F, et al.

Case No. 6, Accession No. 29428

October 2013

San Diego (Naval Medical Center) - Kaposi sarcoma

Delaware (Armed Forces Medical Examiner System) - Kaposi's sarcoma

Florida (Munroe Regional) - Kaposi sarcoma

Georgia, Atlanta - Kaposi sarcoma

Illinois (Heartland Regional Medical Center) - Kaposi's sarcoma

Illinois (Northwestern University) - Kaposi sarcoma

Kansas (Peterson Laboratory Services) - Kaposi sarcoma (2)

New York (SUNY Downstate Medical Center) - Kaposi sarcoma

Ohio (Cleveland Clinic Residents) - Kaposi sarcoma (2)

Oregon (Oregon Health Science University Residents) - Kaposi sarcoma

Tennessee, Knoxville - Kaposi's sarcoma

Texas, Lubbock - Kaposi sarcoma

Wisconsin (Medical College of Wisconsin) - Kaposi sarcoma

Canada (Pasqua Hospital) - Kaposi sarcoma

Ireland (Connelly Hospital) - Spindle cell pseudotumor (mycobacterial)

Japan (Asahi General Hospital) - Kaposi sarcoma (2)

Saudi Arabia (King Khalid University Hospital) - Kaposi sarcoma (metastatic)

United Kingdom (John Radcliffe Hospital) - Kaposi sarcoma

Case 6 - Diagnosis:

Kaposi sarcoma, lung

Case 6 - References:

Pulmonary Kaposi sarcoma in AIDS.
Mayo Clin Proc 2012; Oct;87(10): pe77
Hoskote SS; Patel VP

Pulmonary manifestations of Kaposi's sarcoma.
Chest 2009; Nov;136(5 Suppl): pe30
Garay SM; Belenko M, et al.

AIDS-related Kaposi sarcoma of the lung presenting with a "crazy-paving" pattern on high-resolution CT: imaging and pathologic findings.
J Thorac Imaging 2008; May;23(2): p135-7
da Silva Filho FP, et al.

A patient with HIV, dyspnea, and multiple pulmonary nodules: pulmonary Kaposi sarcoma.
Chest 2006; Dec;130(6): p1924-8
Joshi M; Markelova N, et al.

Kaposi's sarcoma-associated herpesvirus--the high cost of viral survival.
N Engl J Med 2003; Sep 18;349(12): p1107-9
Cesarman E

The origin of Kaposi sarcoma.
J Natl Cancer Inst 2007; Jul 18;99(14): p1063
Gill PS

Case No. 7, Accession No. 29752

October 2013

San Diego (Naval Medical Center) - Rhabdomyosarcoma, rule out carcinosarcoma
Delaware (Armed Forces Medical Examiner System) - Rhabdomyosarcoma, solid variant of alveolar
Florida (Munroe Regional) - Alveolar rhabdomyosarcoma
Georgia, Atlanta - Rhabdomyosarcoma
Illinois (Heartland Regional Medical Center) - Rhabdomyosarcoma, alveolar
Illinois (Northwestern University) - Rhabdomyosarcoma
Kansas (Peterson Laboratory Services) - Pleomorphic carcinoma with sarcomatous elements (1); Pleomorphic carcinoma with rhabdoid features (1)
New York (SUNY Downstate Medical Center) - Alveolar rhabdomyosarcoma
Ohio (Cleveland Clinic Residents) - Rhabdomyosarcoma (1); Large cell carcinoma, rhabdoid variant (1)
Oregon (Oregon Health Science University Residents) - Metastatic alveolar rhabdomyosarcoma
Tennessee, Knoxville - Rhabdomyosarcoma
Texas, Lubbock - Alveolar rhabdomyosarcoma
Wisconsin (Medical College of Wisconsin) - Malignant spindle cell sarcoma (rule out metastatic leiomyosarcoma or (MMMT)
Canada (Pasqua Hospital) - Leiomyosarcoma
Ireland (Connelly Hospital) - Sarcomatous carcinoma with rhabdoid features
Japan (Asahi General Hospital) - Large cell carcinoma with rhabdoid features (1); Alveolar soft part sarcoma (1)
Saudi Arabia (King Khalid University Hospital) - Metastatic rhabdomyosarcoma
United Kingdom (John Radcliffe Hospital) - Rhabdomyosarcoma

Case 7 - Diagnosis:

Rhabdomyosarcoma, lung

Case 7 - References:

Primary pulmonary rhabdomyosarcoma in adults: case report and review of literature.

Clin Lung Cancer 2007; May;8(6): p389-91

Gupta A; Sharma MC, et al.

Primary pulmonary rhabdomyosarcoma diagnosed by fine-needle aspiration cytology.

Diagn Cytopathol 2003; Sep;29(3): p181-2

Gray JA; Nguyen GK

Primary pulmonary rhabdomyosarcoma in an adult with neurofibromatosis-1.

Ann Thorac Surg 2009; Oct;88(4): p1356-8

Choi JS; Choi JS; Kim EJ

Primary pulmonary rhabdomyosarcoma in a 5-month-old boy: a case report.

J Pediatr Hematol Oncol 2008; Jun;30(6): p461-3

Chang HL; Rosenberg AE, et al.

Case No. 8, Accession No. 31541**October 2013**

San Diego (Naval Medical Center) - Metastatic malignant melanoma

Delaware (Armed Forces Medical Examiner System) - Consistent with metastatic melanoma

Florida (Munroe Regional) - Metastatic melanoma

Georgia, Atlanta - Metastatic melanoma

Illinois (Heartland Regional Medical Center) - Malignant melanoma, metastatic

Illinois (Northwestern University) - Metastatic melanoma

Kansas (Peterson Laboratory Services) - Metastatic melanoma (1); Melanoma (1)

New York (SUNY Downstate Medical Center) - Metastatic melanoma

Ohio (Cleveland Clinic Residents) - Melanoma (1); Metastatic melanoma (1)

Oregon (Oregon Health Science University Residents) - Metastatic melanoma

Tennessee, Knoxville - Metastatic melanoma

Texas, Lubbock - Metastatic malignant melanoma

Wisconsin (Medical College of Wisconsin) - Metastatic melanoma

Canada (Pasqua Hospital) - Metastatic melanoma

Ireland (Connelly Hospital) - Metastatic melanoma

Japan (Asahi General Hospital) - Metastatic malignant melanoma (2)

Saudi Arabia (King Khalid University Hospital) - Metastatic melanoma (spindle cell type)

United Kingdom (John Radcliffe Hospital) - Metastatic melanoma

Case 8 - Diagnosis:

Metastatic melanoma, lung

Case 8 - References:

Usefulness of melanoma antigen (MAGE) gene analysis in tissue samples from percutaneous needle aspiration biopsy of suspected lung cancer lesions.

Lung Cancer 2010; Sep;69(3): p284-8

Kim H; Kim SJ, et al.

Surgical management of melanoma lung metastasis: an analysis of survival outcomes in 292 consecutive patients.

Ann Surg Oncol 2012; Jun;19(6): p1774-81

Chua TC; Scolyer RA, et al.

Malignant melanoma of the lung: report of two cases.
Ann Thorac Cardiovasc Surg 2011; 17(2): p170-3
Neri S; Komatsu T, et al.

Primary malignant melanoma of the lung: a case report and review of the literature.
Clin Lung Cancer 2006; Jan;7(4): p279-81
Kundranda MN; Clark CT, et al.

Pulmonary carcinoid associated with melanoma: two cases and a review of the literature.
Br J Dermatol 2007; Apr;156(4): p738-41
Rajaratnam R; Marsden JR, et al.

Case No. 9, Accession No. 31679

October 2013

San Diego (Naval Medical Center) - Thymoma, type AB
Delaware (Armed Forces Medical Examiner System) - Thymoma, type AB
Florida (Munroe Regional) - Thymoma, lymphoid
Georgia, Atlanta - Thymoma, mixed AB type
Illinois (Heartland Regional Medical Center) - Thymoma, type AB
Illinois (Northwestern University) - Thymoma (type A or AB)
Kansas (Peterson Laboratory Services) - Thymoma, type AB (2)
New York (SUNY Downstate Medical Center) - Thymoma, type AB
Ohio (Cleveland Clinic Residents) - Type A and B thymoma (2)
Oregon (Oregon Health Science University Residents) - Thymoma, type A and AB
Tennessee, Knoxville - Thymoma, type AB
Texas, Lubbock - Thymoma
Wisconsin (Medical College of Wisconsin) - Type AB thymoma
Canada (Pasqua Hospital) - Thymoma AB
Ireland (Connelly Hospital) - Thymoma AB
Japan (Asahi General Hospital) - Type AB thymoma (1); Thymoma (1)
Saudi Arabia (King Khalid University Hospital) - Thymoma of the mixed type AB
United Kingdom (John Radcliffe Hospital) - Thymoma (WHO AB)

Case 9 - Diagnosis:

Thymoma, WHO AB, anterior mediastinum

Case 9 - References:

WHO histologic classification is a prognostic indicator in thymoma.
Ann Thorac Surg 2004; Apr;77(4): p1183-8
Kondo K; Yoshizawa K, et al.

Expression of p63 in thymomas and normal thymus.
Am J Clin Pathol 2007; Mar;127(3): p415-20
Dotto J; Pelosi G; Rosai J

Classification of thymoma by fine needle aspiration biopsy according to WHO classification: a cytological algorithm for stepwise analysis in the classification of thymoma.
Acta Cytol 2012;56(5): p487-94
Ryu HS; Koh JS, et al.

Evidence-based pathology and the pathologic evaluation of thymomas: the World Health Organization classification can be simplified into only 3 categories other than thymic carcinoma.
Cancer 2008; Jun 15;112(12): p2780-8

Marchevsky AM; Gupta R; Suster S, et al.

Thymic epithelial neoplasms: a review of current concepts using an evidence-based pathology approach.

Hematol Oncol Clin North Am 2008; Jun;22(3): p543-62

Marchevsky AM; McKenna RJ; Gupta R

Thymomas I: a clinicopathologic correlation of 250 cases with emphasis on the World Health Organization schema.

Am J Clin Pathol 2012; Mar;137(3): p444-50

Moran CA; Weissferdt A; Suster S, et al.

Thymomas II: a clinicopathologic correlation of 250 cases with a proposed staging system with emphasis on pathologic assessment.

Am J Clin Pathol 2012; Mar;137(3): p451-61

Moran CA; Walsh G; Suster S; Kaiser L

Case No. 10, Accession No. 29619

October 2013

San Diego (Naval Medical Center) - Diffuse large B-cell lymphoma

Delaware (Armed Forces Medical Examiner System) - Primary mediastinal large B-cell lymphoma

Florida (Munroe Regional) - Primary mediastinal large B-cell lymphoma

Georgia, Atlanta - Mediastinal large B-cell lymphoma

Illinois (Heartland Regional Medical Center) - Malignant lymphoma, diffuse, large B-cell

Illinois (Northwestern University) - Primary mediastinal large B-cell lymphoma

Kansas (Peterson Laboratory Services) - Diffuse large B-cell lymphoma (1)

New York (SUNY Downstate Medical Center) - Primary mediastinal large B-cell lymphoma

Ohio (Cleveland Clinic Residents) - Primary mediastinal B-cell lymphoma (2)

Oregon (Oregon Health Science University Residents) - Primary mediastinal large B-cell lymphoma

Tennessee, Knoxville - Mediastinal DLBCL

Texas, Lubbock - Mediastinal large B-cell lymphoma

Wisconsin (Medical College of Wisconsin) - Primary mediastinum diffuse large B-cell lymphoma

Canada (Pasqua Hospital) - Primary mediastinal large B-cell lymphoma

Ireland (Connelly Hospital) - Thymoma B3

Japan (Asahi General Hospital) - Primary mediastinal large B-cell lymphoma (1); Malignant lymphoma (1)

Saudi Arabia (King Khalid University Hospital) - Primary mediastinal large B-cell lymphoma

United Kingdom (John Radcliffe Hospital) - High grade lymphoma, favor primary mediastinal B-cell lymphoma

Case 10 - Diagnosis:

Diffuse large B-cell lymphoma, anterior mediastinum

Outside Consultation: Bharat N. Nathwani, M.D., University of Southern California; "Follicular lymphoma, Grade 3/3 with 15% follicularity and 85% diffuse large B-cell lymphoma."

Case 10 - References:

Primary mediastinal (thymic) large B-cell lymphoma: a short review with brief discussion of mediastinal gray zone lymphoma.

Arch Pathol Lab Med 2011; Mar;135(3): p394-8

Hutchinson CB; Wang E

Primary mediastinal (thymic) large B cell lymphoma with aberrant expression of CD3: a case report with review of the literature.

Int J Hematol 2010; Apr;91(3): p509-15

Wang E; Stoecker M

Primary mediastinal large B-cell lymphoma mimicking liposarcoma.

Med Oncol 2008; 25(3): p284-6

Huang CT; Huang WC, et al.

Mediastinal lymphomas: primary mediastinal (thymic) large B-cell lymphoma versus classical Hodgkin lymphoma, histopathologic dilemma solved?

Pathol Res Pract 2010 Jun 15;206(6): p365-7

Pervez S; Khawaja RD

Mediastinal large B-cell lymphoma with rosette formation mimicking thymoma and thymic carcinoid.

Histopathology 2006 Jul;49(1): p93-5

Tsai HW; Yen YS; Chang KC

Fine-needle aspiration of a primary mediastinal large B-cell lymphoma: a case report with cytologic, histologic, and flow cytometric considerations.

Diagn Cytopathol 2005 Jun;32(6): p370-3

Hoda RS; Picklesimer L, et al.