



CALIFORNIA
TUMOR TISSUE REGISTRY

LYMPHOPROLIFERATIVE DISORDERS

Minutes – Subscription A

January 2002



SUGGESTED READING (General Topics from Recent Literature):

Preimplantation-Stage Stem Cells Induce Long-Term Allogeneic Graft Acceptance without Supplementary Host Conditioning. Fandrich F, Lin X, Chaig, et al. *Nature Med* 2002; 8(2):171-188.

Distinct Types of Diffuse Large B-Cell Lymphoma Identified by Gene Expression Profiling. Alizadeh AA, Eisen MB, Davis RE, et al. *Nature* 2000; 403(6769):503-511.

Tumors of the Lymph Nodes and Spleen. Warnke RA, Weiss LM, Chan JK, et al. *Atlas of Tumor Pathology*, 3rd Series, Fascicle 14, Washington D.C., Armed Forces Institute of Pathology 1995.

Intraabdominal Follicular Dendritic Cell Tumour. A Rare Tumour in Need of Recognition. Shek TW, Liu CL, Peh WC, et al. *Histopathol* 1998; 33:465-470.

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FILE DIAGNOSES

CTTR Subscription A

January 2002

Case 1:

Hodgkin's lymphoma, lymphocyte depleted, cervical lymph node
T-08200, M-96503

Case 2:

Hodgkin's lymphoma, lymphocyte-predominant, groin lymph node
T-Y9100, M-96503

Case 3:

Low grade B-cell lymphoma, MALT type with plasmacytoid differentiation, thyroid
T-96000, M-95903

Case 4:

Castleman's disease, plasma cell variant, retroperitoneum
T-08580, M-72260

Case 5:

Anaplastic large T-cell lymphoma, cecum and small bowel
T-50500, M-95903

Case 6:

Diffuse large B-cell lymphoma, ovary
T-87000, M-95903

Case 7:

Diffuse small non-cleaved B-cell lymphoma (Burkitt's-like), testis
T-78000, M-95903

Case 8:

Diffuse large B-cell lymphoma, immunoblastic type, testis
T-78000, M-95903

Case 9:

Diffuse large B-cell lymphoma with plasmacytic differentiation, scrotum and cecum
T-79400/T-67100, M-95903

Case 10:

Hodgkin's lymphoma, nodular sclerosing, neck and axilla
T-Y0600/TY8100, M-96563

Bakersfield - Hodgkin's lymphoma
Baldwin Park (Kaiser Permanente) - Hodgkin's (mixed cell) (1); Hodgkin's disease (3)
Bay Area - Hodgkin's disease, mixed cell type (4)
Fontana (Kaiser Permanente) - Hodgkin's, disease, classic
Hayward/Fremont - Hodgkin's disease, mixed cellularity
Long Beach (Lakewood Regional Medical Center) - Hodgkin's disease, mixed cellularity (7)
Monterey (Community Hospital of Monterey Peninsula) - Hodgkin's disease, lymphocyte depletion type
Mountain View (El Camino Pathology Group) - Hodgkin's disease, mixed cellularity
Oakland (Kaiser Permanente) - Hodgkin's disease, mixed cellularity (4)
Orange (UCI Medical Center Residents) - Hodgkin's lymphoma, mixed cellularity
Sacramento (UC Davis Medical Center) - Hodgkin's disease lymphocyte depleted vs. classic
San Diego (Naval Medical Center) - Classical Hodgkin's disease, favor mixed cellularity
Santa Rosa (Santa Rosa Memorial Hospital) - Hodgkin's disease, lymph depleted type (2); Hodgkin's disease (1)
Sebastopol (Pathology Services) - Hodgkin's lymphoma, mixed cellularity
Alabama (BMC Princeton) - Hodgkin's disease, mixed cellularity
Arkansas (UAMS) - Mixed cellularity Hodgkin's lymphoma
Colorado (Lutheran Medical Center) - Hodgkin's disease, mixed cellularity
Delaware (Christiana Hospital) - Hodgkin's disease, mixed cellularity
Florida (Baptist Hospital) - Hodgkin's lymphoma, mixed cellularity (1); Hodgkin's disease (? LD vs. cellular phase NS) (1);
 Hodgkin's disease, mixed cellularity (2); Hodgkin's vs. anaplastic CD30 + large cell lymphoma (Ki-1) (1)
Florida (Munroe Regional Medical Center) - Hodgkin's disease
Florida (Pathology Associates) - Hodgkin's disease
Florida (Winter Haven Hospital) - Hodgkin's disease (1); Hodgkin's disease, mixed cellularity (1)
Illinois (DuPage Pathology Associates) - Hodgkin's lymphoma (1); Hodgkin's lymphoma, classical type (mixed cellularity) (1)
Illinois (Evanston Hospital) - Hodgkin's lymphoma
Illinois (Northwestern Memorial Hospital) - Hodgkin's disease
Indiana (Fort Wayne) - Hodgkin's lymphoma, lymphocyte-rich, classic, left cervical area
Maryland (Johns Hopkins Hospital Resident) - Hodgkin's lymphoma, favor mixed cellularity subtype
Maryland (NIH Pathology Residents) - Mixed cellularity Hodgkin's disease
Maryland (National Naval Medical Center) - Classical Hodgkin lymphoma (favor mixed cellularity subtype)
Maryland (University of Maryland) - Mixed cellularity Hodgkin's
Massachusetts (Berkshire Medical Center) - Hodgkin's disease, mixed cellularity
Massachusetts (Brigham and Women's Residents/Fellows) - Classical Hodgkin's lymphoma, mixed cellularity subtype
Massachusetts (New England Medical Center Residents) - Classical Hodgkin's lymphoma, cellular phase nodular sclerosis type
Michigan (Oakwood Hospital) - Hodgkin's lymphoma, mixed cellularity
Michigan (St. Joseph Mercy Hospital) - Hodgkin's disease, classical type
Mississippi, Gulfport - Mixed cellularity Hodgkin's lymphoma
Missouri (Truman Medical Center) - Hodgkin's disease, mixed cellularity (2)
Nebraska (Creighton University School of Medicine Residents) - Hodgkin's lymphoma, mixed cell type
New Jersey (Overlook Hospital) - Hodgkin's disease, mixed cellularity (2)
New York (Beth Israel Medical Center) - Hodgkin's lymphoma, mixed cellularity
New York (Long Island Jewish Medical Center) - Mixed cellularity classical Hodgkin's lymphoma
New York (Nassau County Medical Center) - Hodgkin's lymphoma, mixed cellularity, cervical
New York (Stony Brook University Hospital Residents) - Hodgkin's disease, mixed cellularity type (11)
North Carolina (Mountain Area Pathology) - Hodgkin's lymphoma, mixed cellularity (4)
Oklahoma, Edmond - Mixed cellularity classical Hodgkin's lymphoma
Pennsylvania (Allegheny General Hospital) - Hodgkin's disease, mixed cellularity
Pennsylvania (Lehigh Valley Hospital) - Hodgkin's disease, mixed cellularity type
Pennsylvania (Memorial Medical Center Residents) - Hodgkin's lymphoma, L and H variant (2)
Puerto Rico (University of Puerto Rico) - Mixed cellularity classical Hodgkin's lymphoma

Texas (ProPath Associates) - Hodgkin's disease, syncytial variant of nodular sclerosis-type (1); Malignant lymphoma, Hodgkin's syncytial cell variant of nodular sclerosing type (1)
Texas (Scott & White Memorial Hospital) - Hodgkin's lymphoma, mixed cellularity (3)
Vermont (Fletcher Allen Healthcare Center) - Hodgkin's lymphoma, lymphocytic depletion
Washington, Steilacoom - Hodgkin's lymphoma, mixed cellularity
West Virginia (Greenbrier Valley Medical Center) - Hodgkin's disease, mixed cellularity
Wisconsin (Meriter Health Services) - Hodgkin's lymphoma, mixed cellularity
Wisconsin (St. Mary's Hospital) - Hodgkin's disease
Australia (North Queensland Pathology Group) - Hodgkin's disease with abundant histiocytes
Australia (Royal Prince Alfred Hospital) - Mixed cellularity Hodgkin's lymphoma
Canada (Foothills Medical Center) - Mixed cellularity, classical Hodgkin's lymphoma
Chile (Universidad de Chile) - Mixed cellularity, Hodgkin's disease
Japan (Yamanashi Medical University) - Hodgkin's lymphoma, mixed type (2); Lymphocyte predominant type (1); Anaplastic large cell lymphoma (1)
Netherlands, Amsterdam - Hodgkin's lymphoma (with histiocytes)

Case 1 - Diagnosis:

Hodgkin's lymphoma, lymphocyte depleted, cervical lymph node
T-08200, M-96503

Consultation: Milton Drachenberg M.D., Ph.D., "Hodgkin's lymphoma, lymphocyte depleted."

Case 1 – References:

Cossman J. Gene Expression Analysis of Single Neoplastic Cells and the Pathogenesis of Hodgkin's Lymphoma. *J Histochem Cytochem* 2001; 49(6):799-800.
Grosso LE, Collins BT, Dunphy CH, et al. Lymphocyte-Depleted Hodgkin's Disease. Diagnostic Challenges by Fine-Needle Aspiration. *Diagn Cytopathol* 1998; 19(1):66-69.
Mizoguchi Y, Okamoto M, Suzuki H, et al. Hodgkin's Disease Expressing Follicular Dendritic Cell Marker CD21 Without any Other B-Cell Marker. A Clinicopathologic Study of Nine Cases. *Am J Surg Pathol* 1999; 23(4):363-376.
Kuppers R and Rajewsky K. The Origin of Hodgkin and Reed/Sternberg Cells in Hodgkin's Disease. *Annu Rev Immunol* 1998; 16:471-493.

Case No. 2, Accession No. 28673

January 2002

Bakersfield - Peripheral T-cell lymphoma
Baldwin Park (Kaiser Permanente) - Follicular lymphoma (2); Follicular lymphoma, mixed (2)
Bay Area - Hodgkin's disease, lymphocyte predominant (2); T-cell rich, B-cell lymphoma (2)
Fontana (Kaiser Permanente) - Hodgkin's disease, nodular lymphocyte predominant
Hayward/Fremont - Nodular lymphocyte predominant Hodgkin's lymphoma
Long Beach (Lakewood Regional Medical Center) - Lymphocyte-rich Hodgkin's disease (7)
Monterey (Community Hospital of Monterey Peninsula) - Lymphoma, favor low grade B-cell
Mountain View (El Camino Pathology Group) - Lymphocyte predominant Hodgkin's disease
Oakland (Kaiser Permanente) - Lymphocyte rich classic Hodgkin's (4)
Orange (UCI Medical Center Residents) - Hodgkin's lymphoma, lymphocyte predominant
Sacramento (UC Davis Medical Center) - Lymphocyte predominant nodular Hodgkin's disease
San Diego (Naval Medical Center) - Lymphocyte predominant Hodgkin's disease
Santa Rosa (Santa Rosa Memorial Hospital) - Hodgkin's disease, lymph predominant (2); Nodular lymphocyte-predominant Hodgkin's disease (1)
Sebastopol (Pathology Services) - Follicular lymphoma
Alabama (BMC Princeton) - Hodgkin's disease, nodular lymphocyte predominant
Arkansas (UAMS) - Nodular lymphocyte predominance Hodgkin's lymphoma
Colorado (Lutheran Medical Center) - Hodgkin's disease, nodular lymphocyte predominant
Delaware (Christiana Hospital) - Reactive lymph node

Florida (Baptist Hospital) - B-cell lymphoma, follicular type with mixed small and large cells, grade II (1); Malignant lymphoma, follicular mixed (1); Hodgkin's disease (1); Hodgkin's disease, lymphocyte predominant (1); Hodgkin's lymphocyte predominant vs. T-cell rich B-cell lymphoma (favor latter if the CD57 is negative) (1)

Florida (Munroe Regional Medical Center) - Lymphocyte predominant Hodgkin's disease

Florida (Pathology Associates) - Hodgkin's disease, T-cell rich B-cell lymphoma

Florida (Winter Haven Hospital) - Hodgkin's disease (1); Hodgkin's disease, lymphocyte predominant (1)

Illinois (DuPage Pathology Associates) - T-cell rich, B-cell lymphoma (1); Follicular lymphoma, nodular, grade 2 vs. other B-cell lymphoma (possible marginal zone lymphoma?) vs. lymphocyte predominant Hodgkin's disease (1)

Illinois (Evanston Hospital) - Nodular lymphocyte predominant Hodgkin's

Illinois (Northwestern Memorial Hospital) - Lymphocyte predominant Hodgkin's disease

Indiana (Fort Wayne) - ALCL (B-cell type), right groin

Maryland (Johns Hopkins Hospital Resident) - Progressive transformation of germinal centers, rule out nodular lymphocyte predominant disease

Maryland (NIH Pathology Residents) - Progressive transformation of germinal centers

Maryland (National Naval Medical Center) - Nodular lymphocyte predominant Hodgkin's lymphoma

Maryland (University of Maryland) - Nodular lymphocyte predominant Hodgkin's

Massachusetts (Berkshire Medical Center) - Hodgkin's disease, lymphocyte predominant

Massachusetts (Brigham and Women's Residents/Fellows) - Nodular lymphocyte predominant Hodgkin's lymphoma

Massachusetts (New England Medical Center Residents) - Nodular lymphocyte predominant Hodgkin's lymphoma

Michigan (Oakwood Hospital) - Hodgkin's lymphoma, lymphocytic predominant

Michigan (St. Joseph Mercy Hospital) - Hodgkin's disease, nodular sclerosis vs. nodular lymphocyte, predominant type

Mississippi, Gulfport - Nodular lymphocyte predominant Hodgkin's lymphoma

Missouri (Truman Medical Center) - Hodgkin's disease, non-classified (2)

Nebraska (Creighton University School of Medicine Residents) - Hodgkin's lymphoma, lymphocyte predominant

New Jersey (Overlook Hospital) - Progressive transformation of germinal centers (2); ? nodular lymphocyte predominant Hodgkin's disease (1)

New York (Beth Israel Medical Center) - Nodular lymphocytic predominant Hodgkin's lymphoma

New York (Long Island Jewish Medical Center) - Favor nodular lymphocyte predominant Hodgkin's lymphoma

New York (Nassau County Medical Center) - Hodgkin's lymphoma, nodular lymphocyte predominant

New York (Stony Brook University Hospital Residents) - Hodgkin's disease, lymphocyte predominance type (11)

North Carolina (Mountain Area Pathology) - T-cell rich, B-cell lymphoma (4)

Oklahoma, Edmond - Nodular lymphocyte predominant Hodgkin's lymphoma

Pennsylvania (Allegheny General Hospital) - Lymphocyte predominant Hodgkin's

Pennsylvania (Lehigh Valley Hospital) - Hodgkin's disease lymphocyte predominant type

Pennsylvania (Memorial Medical Center Residents) - Hodgkin's lymphoma, L & H variant (2)

Puerto Rico (University of Puerto Rico) - Nodular lymphocyte predominant Hodgkin's lymphoma vs. diffuse B-cell lymphoma T-cell rich

Texas (ProPath Associates) - Malignant lymphoma, large cell (T-cell type) (2)

Texas (Scott & White Memorial Hospital) - Hodgkin's lymphoma, lymphocyte predominant (3)

Vermont (Fletcher Allen Healthcare Center) - Progressive transformation of germinal center

Washington, Steilacoom - Nodular lymphocyte predominant Hodgkin's lymphoma

West Virginia (Greenbrier Valley Medical Center) - Follicular lymphoma

Wisconsin (Meriter Health Services) - Hodgkin's lymphoma, lymphocyte predominant

Wisconsin (St. Mary's Hospital) - Nodular lymphocyte-rich classical Hodgkin's lymphoma

Australia (North Queensland Pathology Group) - B-cell lymphoma with reactive T-cells

Australia (Royal Prince Alfred Hospital) - Lymphocyte-rich classical Hodgkin's lymphoma (DDx: Nodular lymphocyte predominant Hodgkin's lymphoma)

Canada (Foothills Medical Center) - Nodular lymphocyte predominant Hodgkin's lymphoma

Chile (Universidad de Chile) - Nodular lymphocyte predominant Hodgkin's disease

Japan (Yamanashi Medical University) - Hodgkin's lymphoma, nodular lymphocyte predominant type (3); Mantle cell lymphoma (1)

Netherlands, Amsterdam - Lymphocyte rich classical Hodgkin's lymphoma

Case 2 - Diagnosis:

Hodgkin's lymphoma, lymphocytic-predominant, groin lymph node
T-Y9100, M-96503

Consultation: Milton Drachenberg, M.D., Ph.D., "Lymphocyte-predominant Hodgkin's lymphoma with co-existent follicular lymphoma."

Consultation: William G. Finn, M.D., University of Michigan, "Hodgkin's disease, nodular lymphocyte predominance type."

Case 2 - References:

Harris NL, Jaffe ES, Stein H, et al. A Revised European-American Classification of Lymphoid Neoplasms. A Proposal from the International Lymphoma Study Group. *Blood* 1994; 84(5):361-392.

Regula DP, Weiss LM, Warnke RA, et al. Lymphocyte Predominance Hodgkin's Disease. Reappraisal Based on Histological and Immunohistopathological Findings in Relapsing Cases. *Histopathol* 1987; 11(11):1107-1120.

Poppema S. Lymphocyte-Predominance Hodgkin's Disease. *Semin Diag Pathol* 1992; 9(4):257-264.

Case No. 3, Accession No. 29039

January 2002

Bakersfield - Plasmacytoma

Baldwin Park (Kaiser Permanente) - Lymphoplasmacytic lymphoma (3); Plasmacytic lymphoma (1)

Bay Area - B-cell lymphoma, plasmacytoid type (4)

Fontana (Kaiser Permanente) - Plasmacytoma

Hayward/Fremont - Lymphoplasmacytoid lymphoma

Long Beach (Lakewood Regional Medical Center) - Plasmacytoma (7)

Monterey (Community Hospital of Monterey Peninsula) - MALToma with plasmacytoid features

Mountain View (El Camino Pathology Group) - Lymphoplasmacytoid lymphoma

Oakland (Kaiser Permanente) - Plasmacytoma (4)

Orange (UCI Medical Center Residents) - Plasmacytic lymphoma

Sacramento (UC Davis Medical Center) - MALToma with plasmacytoid features

San Diego (Naval Medical Center) - Extranodal marginal zone B-cell lymphoma

Santa Rosa (Santa Rosa Memorial Hospital) - Low-grade B-cell lymphoma, MALT or lymphoplasmacytoid type (3)

Sebastopol (Pathology Services) - Plasmacytoma

Alabama (BMC Princeton) - Malignant lymphoma, plasmacytic

Arkansas (UAMS) - Extranodal marginal zone B-cell lymphoma (MALT), thyroid

Colorado (Lutheran Medical Center) - MALT vs. extramedullary plasmacytoma

Delaware (Christiana Hospital) - Plasmacytoid lymphoma

Florida (Baptist Hospital) - Extramedullary plasmacytoma (1); Plasmacytoma (2); Malignant lymphoma, small lymphocytes, plasmacytoid (1); Plasmacytoma (also considered, plasmacytoid B-cell lymphoma in view of LCA and CD20) (1)

Florida (Munroe Regional Medical Center) - Myeloma/plasmacytoma

Florida (Pathology Associates) - Malignant lymphoma with plasmacytoid features, MALT

Florida (Winter Haven Hospital) - Plasmacytoma (2)

Illinois (DuPage Pathology Associates) - Plasmacytoma/multiple myeloma (1); Plasmacytoma with residual reactive lymphoid tissue (germinal centers) (1)

Illinois (Evanston Hospital) - Lymphoplasmacytic lymphoma

Illinois (Northwestern Memorial Hospital) - Lymphoplasmacytic lymphoma

Indiana (Fort Wayne) - Plasmacytoma, thyroid gland (plasmacytoid immunocytoma)

Maryland (Johns Hopkins Hospital Resident) - Extranodal marginal zone lymphoma with extensive plasmacytoid features

Maryland (NIH Pathology Residents) - Lymphoplasmacytic lymphoma vs. marginal zone lymphoma

Maryland (National Naval Medical Center) - Extranodal marginal zone B-cell lymphoma of mucosa associated lymphoid tissue (MALT lymphoma)

Maryland (University of Maryland) - Extramedullary plasmacytoma

Massachusetts (Berkshire Medical Center) - Plasmacytoma

Massachusetts (Brigham and Women's Residents/Fellows) - Extranodal marginal zone B-cell lymphoma (MALT lymphoma) apparently arising in a background of Hashimoto thyroiditis

Massachusetts (New England Medical Center Residents) - MALT lymphoma with pronounced plasma cell component (extranodal marginal zone B-cell lymphoma, MALT type)

Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, B-cell lymphoplasmacytic

Michigan (St. Joseph Mercy Hospital) - Lymphoplasmacytoid lymphoma

Mississippi, Gulfport - MALT lymphoma

Missouri (Truman Medical Center) - MALT lymphoma with plasmacytic differentiation (2)

Nebraska (Creighton University School of Medicine Residents) - Marginal zone lymphoma with plasmacytoid differentiation

New Jersey (Overlook Hospital) - B-cell lymphoma with plasmacytoid features (2)

New York (Beth Israel Medical Center) - MALT

New York (Long Island Jewish Medical Center) - Lymphoplasmacytic lymphoma

New York (Nassau County Medical Center) - Lymphoplasmacytic lymphoma, thyroid

New York (Stony Brook University Hospital Residents) - Plasmacytoma (11)

North Carolina (Mountain Area Pathology) - Plasmacytoid small B-cell lymphoma (2); Plasmacytoma (1); MALT lymphoma with plasmacytoid differentiation (1)

Oklahoma, Edmond - MALT lymphoma

Pennsylvania (Allegheny General Hospital) - Lymphoplasmacytic lymphoma

Pennsylvania (Lehigh Valley Hospital) - Diffuse large B-cell lymphoma of plasmacytoid type

Pennsylvania (Memorial Medical Center Residents) - Thyroid, MALToma (2)

Puerto Rico (University of Puerto Rico) - Lymphoplasmacytic lymphoma

Texas (ProPath Associates) - Plasmacytoid lymphocytic lymphoma (2)

Texas (Scott & White Memorial Hospital) - Plasmacytoma (3)

Vermont (Fletcher Allen Healthcare Center) - Plasmacytoma

Washington, Steilacoom - Plasmacytoma

West Virginia (Greenbrier Valley Medical Center) - Malignant lymphoma, MALT

Wisconsin (Meriter Health Services) - Lymphoplasmacytic lymphoma

Wisconsin (St. Mary's Hospital) - Low grade B-cell lymphoma of MALT vs. lymphoplasmacytic lymphoma

Australia (North Queensland Pathology Group) - Myeloma; Differential Dx: Diffuse plasmacytoid B-cell lymphoma

Australia (Royal Prince Alfred Hospital) - Extranodal marginal zone lymphoma (MALT) of thyroid

Canada (Foothills Medical Center) - Extranodal marginal zone B-cell lymphoma of mucosal associated lymphoid tissue

Chile (Universidad de Chile) - Plasmacytoid lymphoma

Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, MALT type (2); Diffuse large B-cell (1); Lymphoplasmacytoid (1)

Netherlands, Amsterdam - Lymphoplasmacytic immunocytoma

Case 3 - Diagnosis:

Low grade B-cell lymphoma, MALT type, with plasmacytoid differentiation, thyroid
T-96000, M-95903

Consultation: Paul Kurtin, M.D., Mayo Clinic, "Low grade B-cell lymphoma, MALT type, with plasma cell differentiation."

Case 3 - References:

Matsuzuka F, Miyauchi A, Katayama S, et al. Clinical Aspects of Primary Thyroid Lymphoma. Diagnosis and Treatment Based on Our Experience of 119 Cases. *Thyroid* 1993; 3(2):93-99.

Wirtzfeld DA, Winston JS, Hicks WL, et al. Clinical Presentation and Treatment of Non-Hodgkin's Lymphoma of the Thyroid Gland. *Ann Surg Oncol* 2001; 8(4):338-341.

Belal AA, Allam A, Kandil A, et al. Primary Thyroid Lymphoma. A Retrospective Analysis of Prognostic Factors and Treatment Outcome for Localized Intermediate and High Grade Lymphoma. *Am J Clin Oncol* 2001; 24(3):299-305.

Ogawa Y, Kato Y, Ikeda K, et al. The Value of Ultrasound-Guided Fine-Needle Aspiration Cytology for Thyroid Nodules. An Assessment of Its Diagnostic Potential and Pitfalls. *Surg Today* 2001; 31(2):97-101.

Takakuwa T, Dong Z, Takayama H, et al. Frequent Mutations of Fas Gene in Thyroid Lymphoma. *Cancer Res* 2001; 15;61(4):1382-1385.

Satabe GB. Pathogenesis of Thyroid Nodules. Histological Classification? *Biomed Pharmacother* 2001; 55(1):39-53.

Bakersfield - Plasma cell type of giant lymph node
Baldwin Park (Kaiser Permanente) - Castleman's disease (1); Castleman's, plasma cell variant (3)
Bay Area - Nodular lymphoma, incipient (1); Plasma cell variant of Castleman's disease with incipient lymphomatous transformation (3)
Fontana (Kaiser Permanente) - Castleman's disease, plasma cell type
Hayward/Fremont - AILD (what is CD43?)
Long Beach (Lakewood Regional Medical Center) - Castleman's disease, plasmacytoid variant (7)
Monterey (Community Hospital of Monterey Peninsula) - Castleman's disease, plasma cell type
Mountain View (El Camino Pathology Group) - Castleman's disease, plasma cell variant
Oakland (Kaiser Permanente) - Castleman's disease (4)
Orange (UCI Medical Center Residents) - Angioimmunoblastic lymphadenopathy
Sacramento (UC Davis Medical Center) - Castleman's disease
San Diego (Naval Medical Center) - Plasma cell Castleman's disease
Santa Rosa (Santa Rosa Memorial Hospital) - Castleman's disease, plasma cell type (2) vs. plasma cell dyscrasia (1)
Sebastopol (Pathology Services) - B-cell follicular lymphoma
Alabama (BMC Princeton) - Castleman's disease, plasma cell type
Arkansas (UAMS) - Castleman's disease, plasma cell variant (multicentric/systemic Castleman's disease)
Colorado (Lutheran Medical Center) - Plasma cell Castleman's disease
Delaware (Christiana Hospital) - Plasmacytoma
Florida (Baptist Hospital) - Hyaline vascular type Castleman's disease (1); Castleman's disease, plasma cell type (1); Castleman's disease, plasmacytic variant (3)
Florida (Munroe Regional Medical Center) - Plasma cell Castleman's disease
Florida (Pathology Associates) - Castleman's disease
Florida (Winter Haven Hospital) - Castleman's disease (2)
Illinois (DuPage Pathology Associates) - Castleman's (1); Plasma cell variant of Castleman's disease vs. marginal zone lymphoma, extranodal MALoma (1)
Illinois (Evanston Hospital) - Castleman's plasma cell type
Illinois (Northwestern Memorial Hospital) - Plasma cell variant of Castleman's
Indiana (Fort Wayne) - Multicentric Castleman's, retroperitoneal
Maryland (Johns Hopkins Hospital Resident) - Castleman's disease, plasma cell type
Maryland (NIH Pathology Residents) - Castleman's disease, plasma cell variant
Maryland (National Naval Medical Center) - Plasma cell Castleman's disease
Maryland (University of Maryland) - Castleman's disease
Massachusetts (Berkshire Medical Center) - Castleman's disease, plasma cell variant
Massachusetts (Brigham and Women's Residents/Fellows) - Castleman's disease, plasma cell type
Massachusetts (New England Medical Center Residents) - Castleman's disease, plasma cell variant
Michigan (Oakwood Hospital) - Castleman's disease, plasma cell variant
Michigan (St. Joseph Mercy Hospital) - Castleman's disease, plasma cell type
Mississippi, Gulfport - Castleman disease, plasma cell type
Missouri (Truman Medical Center) - Castleman's disease (2)
Nebraska (Creighton University School of Medicine Residents) - Castleman's disease, plasmacytoid variant
New Jersey (Overlook Hospital) - Castleman's disease, plasma cell type (2)
New York (Beth Israel Medical Center) - Castleman's disease
New York (Long Island Jewish Medical Center) - Castleman's disease, plasma cell variant
New York (Nassau County Medical Center) - Castleman's disease, retroperitoneal mass
New York (Stony Brook University Hospital Residents) - Castleman's disease plasma cell type (11)
North Carolina (Mountain Area Pathology) - Castleman's disease, plasma cell variant (4)
Oklahoma, Edmond - Castleman's disease
Pennsylvania (Allegheny General Hospital) - Castleman's disease, plasma cell variant
Pennsylvania (Lehigh Valley Hospital) - Plasma cell variant of Castleman's disease

Pennsylvania (Memorial Medical Center Residents) - Multicentric Castleman's disease, plasma cell variant (2)
Puerto Rico (University of Puerto Rico) - Castleman's disease, plasma cell variant
Texas (ProPath Associates) - Plasmacytoid form of Castleman's disease (2)
Texas (Scott & White Memorial Hospital) - Castleman's disease (3)
Vermont (Fletcher Allen Healthcare Center) - Castleman's disease
Washington, Steilacoom - Castleman's disease, plasma cell variant
West Virginia (Greenbrier Valley Medical Center) - Reactive hyperplasia
Wisconsin (Meriter Health Services) - Castleman's disease
Wisconsin (St. Mary's Hospital) - Castleman's disease, plasma cell variant
Australia (North Queensland Pathology Group) - Myeloma; Differential Dx: Diffuse plasmacytoid B-cell lymphoma
Australia (Royal Prince Alfred Hospital) - Castleman's disease (plasma cell variant)
Canada (Foothills Medical Center) - Castleman's disease, plasma cell variant
Chile (Universidad de Chile) - Castleman's disease, plasma cell type
Japan (Yamanashi Medical University) - Castleman's disease (3); Peripheral T-cell lymphoma associated with hemophagocytosis (1)
Netherlands, Amsterdam - Castleman's, plasma cellular type

Case 4 - Diagnosis:

Castleman's disease, plasma cell variant, retroperitoneum
 T-08580, M-72260

Consultation: Milton Drachenberg, M.D., Ph.D., "Castleman's disease (angiofollicular lymph node hyperplasia), plasma cell variant."

Case 4 - References:

Menke DM and DeWald GW. Lack of Cytogenetic Abnormalities in Castleman's Disease. *South Med J* 2001; 94(5):472-474.
 Osma U, Cureoglu S, Yaldiz M, et al. Castleman's Disease (Giant Lymph Node Hyperplasia) of the Neck. A Case Report. *Eur Arch Otorhinolaryngol* 2001; 258(1):42-44.
 Hsiao CJ, Hsu MM, Lee JY, et al. Paraneoplastic Pemphigus in Association with a Retroperitoneal Castleman's Disease. Presenting with a Lichen Planus Pemphigoides-Like Eruption. A Case Report and Review of Literature. *Br J Dermatol* 2001; 144(2):372-376.
 Teh HS, Lin MB, Tan AS, et al. Retroperitoneal Castleman's Disease in the Perinephric Space-Imaging Appearance and a Review of the Literature. *Ann Acad Med Singapore* 2000; 29(6):773-776.
 Riccio A, Natale D, Pettinato G, et al. Castleman's Disease. *Ann Rheum Dis* 2001; 60(2):176.

Case No. 5, Accession No. 28487

January 2002

Bakersfield - Anaplastic large cell lymphoma
Baldwin Park (Kaiser Permanente) - Diffuse large cell lymphoma, anaplastic (3); Anaplastic lymphoma (1)
Bay Area - Anaplastic large cell lymphoma (4)
Fontana (Kaiser Permanente) - Anaplastic large cell lymphoma
Hayward/Fremont - Anaplastic large cell lymphoma
Long Beach (Lakewood Regional Medical Center) - Anaplastic large cell lymphoma (7)
Monterey (Community Hospital of Monterey Peninsula) - T-cell lymphoma, possible E.A.T.L.
Mountain View (El Camino Pathology Group) - Large cell lymphoma
Oakland (Kaiser Permanente) - Anaplastic large cell lymphoma (4)
Orange (UCI Medical Center Residents) - Ki-1 anaplastic lymphoma
Sacramento (UC Davis Medical Center) - Hodgkin's disease
San Diego (Naval Medical Center) - Anaplastic large cell lymphoma
Santa Rosa (Santa Rosa Memorial Hospital) - Anaplastic large cell lymphoma, Ki-1 positive (3)
Sebastopol (Pathology Services) - Hodgkin's lymphoma, lymph depleted
Alabama (BMC Princeton) - Malignant lymphoma, large cell anaplastic
Arkansas (UAMS) - Anaplastic large cell lymphoma
Colorado (Lutheran Medical Center) - Hodgkin's disease, lymphocyte depleted

Delaware (Christiana Hospital) - Anaplastic large cell lymphoma

Florida (Baptist Hospital) - Anaplastic Ki-1 lymphoma (1); Malignant lymphoma, anaplastic Ki-1 (1); Malignant lymphoma, diffuse large B-cell (1); Malignant lymphoma, high grade prob Ki-1 + T-cell (1); Anaplastic large cell lymphoma CD30 + variant (Ki-1) (1)

Florida (Munroe Regional Medical Center) - Anaplastic large cell lymphoma

Florida (Pathology Associates) - Anaplastic large cell lymphoma

Florida (Winter Haven Hospital) - Mixed small cell, large cell lymphoma (1); Anaplastic large cell lymphoma (1)

Illinois (DuPage Pathology Associates) - B and T-cell lymphoma (1); Cecum CD20? LCA?, other T-cell markers?, diffuse large cell B-cell lymphoma vs. anaplastic large cell lymphoma vs. peripheral T-cell lymphoma (1)

Illinois (Evanston Hospital) - Anaplastic large cell lymphoma

Illinois (Northwestern Memorial Hospital) - Anaplastic large disease cell lymphoma

Indiana (Fort Wayne) - Anaplastic large cell lymphoma, cecum

Maryland (Johns Hopkins Hospital Resident) - Anaplastic large cell lymphoma (would perform (ALK) immunostain)

Maryland (NIH Pathology Residents) - Anaplastic large cell lymphoma

Maryland (National Naval Medical Center) - Anaplastic large cell lymphoma

Maryland (University of Maryland) - Anaplastic large cell lymphoma

Massachusetts (Berkshire Medical Center) - Anaplastic large cell lymphoma

Massachusetts (Brigham and Women's Residents/Fellows) - Anaplastic large cell lymphoma

Massachusetts (New England Medical Center Residents) - Anaplastic lymphoma, T-cell type

Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, T-cell, anaplastic large cell type

Michigan (St. Joseph Mercy Hospital) - Anaplastic large cell lymphoma

Mississippi, Gulfport - Anaplastic large cell lymphoma

Missouri (Truman Medical Center) - Anaplastic large cell lymphoma (2)

Nebraska (Creighton University School of Medicine Residents) - Malignant lymphoma, anaplastic large cell type

New Jersey (Overlook Hospital) - Diffuse large cell lymphoma (2); with immunoblastic features (1)

New York (Beth Israel Medical Center) - Anaplastic lymphoma

New York (Long Island Jewish Medical Center) - Anaplastic large cell lymphoma (1)

New York (Nassau County Medical Center) - Anaplastic T-cell lymphoma, cecum

New York (Stony Brook University Hospital Residents) - Diffuse large B-cell lymphoma (11)

North Carolina (Mountain Area Pathology) - Anaplastic large cell lymphoma (4)

Oklahoma, Edmond - Anaplastic large cell lymphoma

Pennsylvania (Allegheny General Hospital) - Anaplastic large cell lymphoma

Pennsylvania (Lehigh Valley Hospital) - Anaplastic large cell lymphoma

Pennsylvania (Memorial Medical Center Residents) - Anaplastic large cell lymphoma (2)

Puerto Rico (University of Puerto Rico) - Anaplastic large T-cell lymphoma

Texas (ProPath Associates) - Ki-1 lymphoma (1); Anaplastic large B-cell lymphoma (1)

Texas (Scott & White Memorial Hospital) - Anaplastic large cell lymphoma (3)

Vermont (Fletcher Allen Healthcare Center) - Anaplastic large cell lymphoma, B-cell type

Washington, Steilacoom - Anaplastic large cell lymphoma

West Virginia (Greenbrier Valley Medical Center) - Large T-cell intestinal lymphoma

Wisconsin (Meriter Health Services) - Anaplastic large cell lymphoma

Wisconsin (St. Mary's Hospital) - Large cell lymphoma

Australia (North Queensland Pathology Group) - Diffuse large cell B-cell lymphoma

Australia (Royal Prince Alfred Hospital) - Anaplastic large cell lymphoma

Canada (Foothills Medical Center) - Anaplastic large cell lymphoma

Chile (Universidad de Chile) - Large cell anaplastic lymphoma "T" cell type

Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, anaplastic large type (3); Adult T-cell lymphoma (1)

Netherlands, Amsterdam - Large cell anaplastic lymphoma

Case 5 - Diagnosis:

Anaplastic large T-cell lymphoma, cecum and small bowel
T-50500, M-95903

Consultation: Milton Drachenberg, M.D., Ph.D., “Anaplastic large cell lymphoma, T-cell type.”

Case 5 - References:

- Chan JC. Gastrointestinal Lymphomas. An Overview with Emphasis on New Findings and Diagnostic Problems. *Semin Diag Pathol* 1996; 13(4):260-296.
- Lewin KJ, Ranchod M and Dorfman RF. Lymphomas of the Gastrointestinal Tract. A Study of 117 Cases Presenting with Gastrointestinal Disease. *Cancer* 1978; 42(2):693-707.
- Grody WW, Magidson JG, Weiss LM, et al. Gastrointestinal Lymphomas. Immunohistochemical Studies on the Cell of Origin. *Am J Surg Pathol* 1985; 9(5):328-337.

Case No. 6, Accession No. 28352

January 2002

- Bakersfield - B-cell large cell lymphoma, intermediate grade
- Baldwin Park (Kaiser Permanente) - Diffuse large B-cell lymphoma, anaplastic (2); Large B-cell lymphoma (2)
- Bay Area - Diffuse large B-cell lymphoma (4)
- Fontana (Kaiser Permanente) - Diffuse large B-cell lymphoma
- Hayward/Fremont - High grade B-cell lymphoma
- Long Beach (Lakewood Regional Medical Center) - Large cell lymphoma (7)
- Monterey (Community Hospital of Monterey Peninsula) - B-cell lymphoma, diffuse large cell
- Mountain View (El Camino Pathology Group) - Large cell lymphoma
- Oakland (Kaiser Permanente) - High grade B-cell lymphoma (4)
- Orange (UCI Medical Center Residents) - Diffuse large B-cell lymphoma
- Sacramento (UC Davis Medical Center) - Large B-cell lymphoma
- San Diego (Naval Medical Center) - Diffuse large B-cell lymphoma
- Santa Rosa (Santa Rosa Memorial Hospital) - B-cell diffuse large cell lymphoma (3)
- Sebastopol (Pathology Services) - Sarcoma vs. lymphoma involving fallopian tube
- Alabama (BMC Princeton) - Malignant lymphoma, large cell
- Arkansas (UAMS) - Diffuse large B-cell lymphoma, ovary (follicular center B-cell lymphoma, large cleaved cell type, diffuse, with associated sclerosis)
- Colorado (Lutheran Medical Center) - Diffuse large B-cell lymphoma
- Delaware (Christiana Hospital) - Metastatic small-cleaved cell lymphoma
- Florida (Baptist Hospital) - Diffuse large cell lymphoma (1); Malignant lymphoma, diffuse large cleaved with sclerosis (1); Malignant lymphoma, B-cell, mixed large and small (1); Diffuse large cell lymphoma, favor large cleaved cell (1); Large cell lymphoma, diffuse cleaved (1)
- Florida (Munroe Regional Medical Center) - Diffuse large B-cell lymphoma
- Florida (Pathology Associates) - Large B-cell lymphoma
- Florida (Winter Haven Hospital) - Anaplastic lymphoma (1); Large cell lymphoma, diffuse (1)
- Illinois (DuPage Pathology Associates) - B-cell lymphoma/leukemia (1); Diffuse large cell B-cell lymphoma, ovary (1)
- Illinois (Evanston Hospital) - Large cell lymphoma
- Illinois (Northwestern Memorial Hospital) - B-cell non-Hodgkin's lymphoma
- Indiana (Fort Wayne) - Large B-cell lymphoma, spindle cell type, right ovary
- Maryland (Johns Hopkins Hospital Resident) - Diffuse large B-cell lymphoma
- Maryland (NIH Pathology Residents) - Diffuse large B-cell lymphoma
- Maryland (National Naval Medical Center) - Diffuse large B-cell lymphoma
- Maryland (University of Maryland) - Diffuse large B-cell lymphoma
- Massachusetts (Berkshire Medical Center) - Diffuse large B-cell lymphoma
- Massachusetts (Brigham and Women's Residents/Fellows) - Diffuse large B-cell lymphoma
- Massachusetts (New England Medical Center Residents) - Diffuse large B-cell lymphoma
- Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, B-cell, diffuse large cell, anaplastic variant
- Michigan (St. Joseph Mercy Hospital) - Diffuse large B-cell lymphoma
- Mississippi, Gulfport - Diffuse large B-cell lymphoma
- Missouri (Truman Medical Center) - Non-Hodgkin's lymphoma, diffuse large B-cell type (possible anaplastic large cell lymphoma, B-cell type) (2)

Nebraska (Creighton University School of Medicine Residents) - Diffuse B-cell lymphoma
New Jersey (Overlook Hospital) - Diffuse large cell lymphoma (2); B-cell type, cleaved (1)
New York (Beth Israel Medical Center) - Large B-cell lymphoma
New York (Long Island Jewish Medical Center) - Follicular dendritic cell sarcoma
New York (Nassau County Medical Center) - Large B-cell lymphoma, ovary
New York (Stony Brook University Hospital Residents) - Diffuse large B-cell lymphoma (11)
North Carolina (Mountain Area Pathology) - Large cell B-cell lymphoma (3); Diffuse large B-cell lymphoma (1)
Oklahoma, Edmond - Spindly large B-cell lymphoma
Pennsylvania (Allegheny General Hospital) - Large cell anaplastic lymphoma
Pennsylvania (Lehigh Valley Hospital) - Anaplastic large cell lymphoma
Pennsylvania (Memorial Medical Center Residents) - High grade B-cell lymphoma (2)
Puerto Rico (University of Puerto Rico) - Diffuse large B-cell lymphoma
Texas (ProPath Associates) - Malignant lymphoma, large B-cell type (2)
Texas (Scott & White Memorial Hospital) - Large B-cell lymphoma (3)
Vermont (Fletcher Allen Healthcare Center) - Malignant lymphoma, B-cell type
Washington, Steilacoom - Hodgkin's lymphoma
West Virginia (Greenbrier Valley Medical Center) - Stromal sarcoma
Wisconsin (Meriter Health Services) - Large B-cell lymphoma
Wisconsin (St. Mary's Hospital) - Large cell lymphoma
Australia (North Queensland Pathology Group) - Diffuse large cell B-cell lymphoma
Australia (Royal Prince Alfred Hospital) - Diffuse large B-cell lymphoma
Canada (Foothills Medical Center) - Diffuse large B-cell lymphoma
Chile (Universidad de Chile) - Large cell "B" cell lymphoma
Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, diffuse and large (2); Endometrial stromal sarcoma, high grade (1)
Netherlands, Amsterdam - Diffuse large B-cell lymphoma

Case 6 - Diagnosis:

Diffuse large B-cell lymphoma, ovary
 T-87000, M-95903

Case 6 - References:

Freeman C, Berg JW and Cutler SJ. Occurrence and Prognosis of Extranodal Lymphomas. *Cancer* 1972; 29(1):252-260.
 Rotmansh J and Woodruff JD. Lymphoma of the Ovary. Report of Twenty New Cases and Update of Previous Series. *Am J Obstet Gynecol* 1982; 143(8):870-875.

Case No. 7, Accession No. 28653

January 2002

Bakersfield - Burkitt's lymphoma
Baldwin Park (Kaiser Permanente) - Burkitt's lymphoma (1); Burkitt's vs. non-Burkitt's lymphoma (1); ? Burkitt's vs. non-Burkitt's small non-cleaved (2)
Bay Area - Diffuse B-cell lymphoma, high grade (Burkitt's-like) (4)
Fontana (Kaiser Permanente) - Burkitt's lymphoma
Hayward/Fremont - High grade B-cell lymphoma (Burkitt's like)
Long Beach (Lakewood Regional Medical Center) - Large cell lymphoma (Burkitt's like) (7)
Monterey (Community Hospital of Monterey Peninsula) - B-cell lymphoma, possible Burkitt's
Mountain View (El Camino Pathology Group) - Small non-cleaved cell lymphoma (Burkitt's-type)
Oakland (Kaiser Permanente) - B-cell lymphoma, large cell type (4)
Orange (UCI Medical Center Residents) - Burkitt's lymphoma
Sacramento (UC Davis Medical Center) - Burkitt's lymphoma
San Diego (Naval Medical Center) - Burkitt's lymphoma
Santa Rosa (Santa Rosa Memorial Hospital) - High-grade diffuse small non-cleaved cell lymphoma (2); B-cell lymphoma (1)
Sebastopol (Pathology Services) - Large B-cell lymphoma

Alabama (BMC Princeton) - Malignant lymphoma, lymphoblastic
Arkansas (UAMS) - Burkitt's lymphoma, testis
Colorado (Lutheran Medical Center) - Burkitt's lymphoma
Delaware (Christiana Hospital) - B-cell lymphoma, marginal zone type
Florida (Baptist Hospital) - Small non-cleaved lymphocytic lymphoma (1); Malignant lymphoma, diffuse large non-cleaved (1); Malignant lymphoma small transitional B-cell (Burkitt's?) (1); Small cell lymphoma, diffuse non-cleaved (Burkitt's type) (1)
Florida (Munroe Regional Medical Center) - Burkitt's lymphoma
Florida (Pathology Associates) - Burkitt's lymphoma, diffuse large cell lymphoma
Florida (Winter Haven Hospital) - Burkitt's lymphoma (1); Malignant lymphoma, small cell, non-cleaved, non-Burkitt's (1)
Illinois (DuPage Pathology Associates) - Large cell anaplastic lymphoma, B-cell (1); Testis, diffuse large cell, B-cell lymphoma (small non-cleaved non-Burkitt's type) (1)
Illinois (Evanston Hospital) - Burkitt's lymphoma
Illinois (Northwestern Memorial Hospital) - Burkitt's lymphoma
Indiana (Fort Wayne) - Burkitt's-like B-cell lymphoma, testis
Maryland (Johns Hopkins Hospital Resident) - Favor Burkitt's-like lymphoma, would confirm with Ki67 proliferation marker
Maryland (NIH Pathology Residents) - Burkitt's lymphoma
Maryland (National Naval Medical Center) - High grade B-cell lymphoma, favor Burkitt's-like
Maryland (University of Maryland) - Burkitt's-like lymphoma
Massachusetts (Berkshire Medical Center) - Diffuse large B-cell lymphoma
Massachusetts (Brigham and Women's Residents/Fellows) - Atypical Burkitt's/Burkitt's-like lymphoma
Massachusetts (New England Medical Center Residents) - Burkitt's lymphoma
Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, B-cell, Burkitt's-type
Michigan (St. Joseph Mercy Hospital) - Small non-cleaved cell lymphoma, uncertain type
Mississippi, Gulfport - Burkitt's lymphoma
Missouri (Truman Medical Center) - Burkitt's lymphoma (2)
Nebraska (Creighton University School of Medicine Residents) - Diffuse B-cell lymphoma (Burkitt's-like)
New Jersey (Overlook Hospital) - Large cell lymphoma (1); Diffuse B-cell lymphoma, small non-cleaved cell, non-Burkitt's type (1)
New York (Beth Israel Medical Center) - Large B-cell lymphoma
New York (Long Island Jewish Medical Center) - Favor Burkitt's lymphoma
New York (Nassau County Medical Center) - Large B-cell lymphoma, testis
New York (Stony Brook University Hospital Residents) - Malignant lymphoma, Burkitt's-like (11)
North Carolina (Mountain Area Pathology) - Burkitt's (Burkitt's-like), B-cell lymphoma (2); Burkitt's vs. Burkitt's-like large cell lymphoma (1); Large cell B-cell lymphoma (1)
Oklahoma, Edmond - Burkitt's lymphoma
Pennsylvania (Allegheny General Hospital) - Burkitt's lymphoma
Pennsylvania (Lehigh Valley Hospital) - Small non-cleaved cell lymphoma of Burkitt's type
Pennsylvania (Memorial Medical Center Residents) - High grade B-cell lymphoma (2)
Puerto Rico (University of Puerto Rico) - Burkitt's lymphoma
Texas (ProPath Associates) - Malignant lymphoma, large B-cell type (2)
Texas (Scott & White Memorial Hospital) - Burkitt's lymphoma (3)
Vermont (Fletcher Allen Healthcare Center) - Undifferentiated lymphoma, non-Burkitt's-type
Washington, Steilacoom - Burkitt's lymphoma
West Virginia (Greenbrier Valley Medical Center) - Diffuse large B-cell lymphoma
Wisconsin (Meriter Health Services) - Burkitt's lymphoma
Wisconsin (St. Mary's Hospital) - Malignant lymphoma, Burkitt's-like
Australia (North Queensland Pathology Group) - Diffuse small cell, B-cell lymphoma
Australia (Royal Prince Alfred Hospital) - Burkitt's lymphoma (atypical variant)
Canada (Foothills Medical Center) - Burkitt's lymphoma
Chile (Universidad de Chile) - Large cell "B" cell lymphoma
Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, Burkitt's-like type (3); Diffuse (1)
Netherlands, Amsterdam - Burkitt's type, non-Hodgkin's lymphoma

Case 7 - Diagnosis:

Diffuse small non-cleaved B-cell lymphoma (Burkitt's-like), testis
T-78000, M-95903

Case 7 - References:

- Ferry JA, Harris NL, Young RH, et al. Malignant Lymphoma of the Testis, Epididymis and Spermatic Cord. *Am J Surg Pathol* 1994; 18(4):376-390.
- Root M, Wang TV, Nescock H, et al. Burkitt's Lymphoma of the Testicle. Report of 2 Cases Occurring in Elderly Patients. *J Urol* 1990; 144(5):1239-1241.
- Fonseca R, Habermann TM, Colgan JP, et al. Testicular Lymphoma is Associated with a High Incidence of Extranodal Recurrence. *Cancer* 2000; 88(1):154-161.
- Niitsu N and Umeda M. Clinical Features of Testicular Non-Hodgkin's Lymphoma-Focus on Treatment Strategy. *Acta Oncol* 1998; 37(7-8):677-680.
- Romics I, Fekete S, Bely M, et al. A Case of Bilateral Testicular Lymphoma. *Pathol Oncol Res* 1999; 5(2):152-154.

Case No. 8, Accession No. 29205

January 2002

Bakersfield - B-cell, large cell lymphoma

Baldwin Park (Kaiser Permanente) - Diffuse small B-cell lymphoma (1); B-cell lymphoma (1); Diffuse B-cell lymphoma, mixed or large cell (1); Diffuse mixed B-cell lymphoma (1)

Bay Area - Diffuse B-cell lymphoma, high grade (? immunoblastic) (4)

Fontana (Kaiser Permanente) - Diffuse large B-cell lymphoma

Hayward/Fremont - High grade B-cell lymphoma (Burkitt's-like)

Long Beach (Lakewood Regional Medical Center) - Large cell immunoblastic lymphoma (7)

Monterey (Community Hospital of Monterey Peninsula) - B-cell lymphoma, immunoblastic

Mountain View (El Camino Pathology Group) - Large cell lymphoma

Oakland (Kaiser Permanente) - B-cell lymphoma, large cell type (4)

Orange (UCI Medical Center Residents) - Large B-cell lymphoma

Sacramento (UC Davis Medical Center) - B-cell immunoblastic lymphoma

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

Santa Rosa (Santa Rosa Memorial Hospital) - B-cell diffuse large cell lymphoma (3)

Sebastopol (Pathology Services) - Large B-cell lymphoma

Alabama (BMC Princeton) - Malignant lymphoma, immunoblastic

Arkansas (UAMS) - Diffuse large B-cell lymphoma, testis

Colorado (Lutheran Medical Center) - Diffuse large B-cell lymphoma

Delaware (Christiana Hospital) - Diffuse large cell lymphoma

Florida (Baptist Hospital) - Large cell immunoblastic lymphoma (1); Malignant lymphoma, large immunoblastic (1); Malignant lymphoma, diffuse large B-cell with intratubular cells (1); Malignant lymphoma, IBS (1); Large cell lymphoma, immunoblastic type (1)

Florida (Munroe Regional Medical Center) - Diffuse large B-cell lymphoma, Burkitt's-like

Florida (Pathology Associates) - Burkitt's-like lymphoma with plasmacytoid features, immunoblastic B-cell lymphoma

Florida (Winter Haven Hospital) - Mixed small cell-large cell lymphoma (1); Large cell lymphoma (1)

Illinois (DuPage Pathology Associates) - Large cell lymphoma, B-cell (1); Testis, diffuse large cell, B-cell lymphoma vs. lymphoblastic (Burkitt's) lymphoma (1)

Illinois (Evanston Hospital) - Large cell lymphoma

Illinois (Northwestern Memorial Hospital) - Non Hodgkin's lymphoma, large B-cell type

Indiana (Fort Wayne) - B-cell lymphoma, testis

Maryland (Johns Hopkins Hospital Resident) - Testicular large B-cell lymphoma

Maryland (NIH Pathology Residents) - Diffuse large B-cell lymphoma

Maryland (National Naval Medical Center) - Diffuse large B-cell lymphoma

Maryland (University of Maryland) - Diffuse large B-cell

Massachusetts (Berkshire Medical Center) - Diffuse large B-cell lymphoma (immunoblastic)

Massachusetts (Brigham and Women's Residents/Fellows) - Diffuse large B-cell lymphoma

Massachusetts (New England Medical Center Residents) - Diffuse large B-cell lymphoma with immunoblastic features

Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, B-cell, diffuse large cell, immunoblastic variant
Michigan (St. Joseph Mercy Hospital) - Diffuse large B-cell lymphoma
Mississippi, Gulfport - Diffuse large B-cell lymphoma, immunoblastic variant
Missouri (Truman Medical Center) - Small non-cleaved cell, Burkitt's-like (2)
Nebraska (Creighton University School of Medicine Residents) - Diffuse large B-cell lymphoma
New Jersey (Overlook Hospital) - Diffuse large cell lymphoma (2); Non-cleaved, probably B-cell type (1)
New York (Beth Israel Medical Center) - Large B-cell lymphoma
New York (Long Island Jewish Medical Center) - Diffuse large B-cell lymphoma, immunoblastic variant
New York (Nassau County Medical Center) - Low grade B-cell lymphoma, testis
New York (Stony Brook University Hospital Residents) - Diffuse large B-cell lymphoma
North Carolina (Mountain Area Pathology) - Large cell, B-cell lymphoma (4)
Oklahoma, Edmond - Diffuse large B-cell lymphoma
Pennsylvania (Allegheny General Hospital) - Immunoblastic lymphoma
Pennsylvania (Lehigh Valley Hospital) - Small non-cleaved cell lymphoma
Pennsylvania (Memorial Medical Center Residents) - High grade B-cell lymphoma (2)
Puerto Rico (University of Puerto Rico) - Diffuse large B-cell lymphoma
Texas (ProPath Associates) - Immunoblastic lymphoma (2)
Texas (Scott & White Memorial Hospital) - Immunoblastic lymphoma (3)
Vermont (Fletcher Allen Healthcare Center) - Large cell lymphoma
Washington, Steilacoom - Diffuse large B-cell lymphoma
West Virginia (Greenbrier Valley Medical Center) - Spermatocytic seminoma
Wisconsin (Meriter Health Services) - Large B-cell lymphoma
Wisconsin (St. Mary's Hospital) - Malignant lymphoma, Burkitt's
Australia (North Queensland Pathology Group) - Diffuse large B-cell lymphoma
Australia (Royal Prince Alfred Hospital) - Diffuse large B-cell lymphoma (immunoblastic variant)
Canada (Foothills Medical Center) - Diffuse large B-cell lymphoma
Chile (Universidad de Chile) - Immunoblastic "B" cell lymphoma
Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, diffuse large B-cell type (1); Immunoblastic type (2); Medium-sized type (1)
Netherlands, Amsterdam - Diffuse large B-cell lymphoma

Case 8 - Diagnosis:

Diffuse large B-cell lymphoma, immunoblastic type, testis
 T-78000, M-95903

Case 8 – References:

Rojo J Sales V, Paredes A, et al. Non-Hodgkin's Lymphoma (NHL) of the Testicle. A Clinicopathologic Study of 19 Patients. *In Vivo* 1991;5(3) 297-300.
 Jackson SM and Montessori GA. Malignant Lymphoma of the Testis. Review of 17 Cases in British Columbia with Survival Related to Pathological Subclassification. *J Urol* 1980; 123(6):881-883.
 Fellbaum C, Strater J and Hansmann ML. Follicular Dendritic Cells in Extranodal Non-Hodgkin Lymphomas of MALT and Non MALT Type. *Vichows Arch A Pathol Anat Histopathol* 1993; 423(5):335-341.

Case No. 9, Accession No. 29241

January 2002

Bakersfield - B-cell lymphoma
Baldwin Park (Kaiser Permanente) - Lymphoma, follicular (1); B-cell lymphoma (1); Diffuse B-cell lymphoma (1); Extranodal diffuse B-cell lymphoma (1)
Bay Area - Diffuse B-cell lymphoma (2); MALToma (2)
Fontana (Kaiser Permanente) - Diffuse large B-cell lymphoma
Hayward/Fremont - High grade B-cell lymphoma, NOC
Long Beach (Lakewood Regional Medical Center) - Non-Hodgkin's lymphoma (MALT?) (7)
Monterey (Community Hospital of Monterey Peninsula) - B-cell lymphoma, diffuse large cell

Mountain View (El Camino Pathology Group) - Large cell lymphoma
Oakland (Kaiser Permanente) - B-cell lymphoma, large cell type (4)
Orange (UCI Medical Center Residents) - Burkitt's lymphoma
Sacramento (UC Davis Medical Center) - Follicular lymphoma
San Diego (Naval Medical Center) - Diffuse large B-cell lymphoma
Santa Rosa (Santa Rosa Memorial Hospital) - Intermediate grade diffuse B-cell lymphoma (2); B-cell diffuse large cell lymphoma (1); B-cell lymphoma (1)
Sebastopol (Pathology Services) - B-cell lymphoma
Alabama (BMC Princeton) - Malignant lymphoma, mantle cell
Arkansas (UAMS) - Mantle cell lymphoma
Colorado (Lutheran Medical Center) - Low grade B-cell lymphoma, NOS
Delaware (Christiana Hospital) - MALT lymphoma
Florida (Baptist Hospital) - Follicle center lymphoma, diffuse (1); Malignant lymphoma, large cell, follicular center cell type (1); Malignant lymphoma, diffuse small cleaved cell (1); Diffuse large cleaved (1); Large cell lymphoma, diffuse cleaved (1)
Florida (Munroe Regional Medical Center) - Diffuse large B-cell lymphoma
Florida (Pathology Associates) - Large B-cell lymphoma, follicular center origin (1)
Florida (Winter Haven Hospital) - Small cleaved cell lymphoma (1); Follicular center cell lymphoma, grade I, small cell cleaved (1)
Illinois (DuPage Pathology Associates) - Diffuse large B-cell lymphoma (1); Cecum/scrotum, diffuse large cell B-cell lymphoma (1)
Illinois (Evanston Hospital) - Large cell lymphoma
Illinois (Northwestern Memorial Hospital) - B-cell non-Hodgkin's lymphoma (MALToma)
Indiana (Fort Wayne) - Diffuse large B-cell lymphoma (follicular center cell lymphoma), cecum and right scrotum
Maryland (Johns Hopkins Hospital Resident) - Diffuse large B-cell lymphoma
Maryland (NIH Pathology Residents) - Diffuse large B-cell lymphoma
Maryland (National Naval Medical Center) - Malignant B-cell lymphoma, diffuse large B-cell lymphoma vs. blastic mantle cell lymphoma
Maryland (University of Maryland) - Diffuse large B-cell
Massachusetts (Berkshire Medical Center) - Diffuse large B-cell lymphoma
Massachusetts (Brigham and Women's Residents/Fellows) - Diffuse large B-cell lymphoma
Massachusetts (New England Medical Center Residents) - Diffuse follicular lymphoma
Michigan (Oakwood Hospital) - Non-Hodgkin's lymphoma, B-cell, NOS
Michigan (St. Joseph Mercy Hospital) - Sclerosing large B-cell lymphoma
Mississippi, Gulfport - Diffuse follicle center lymphoma
Missouri (Truman Medical Center) - Malignant lymphoma (2)
Nebraska (Creighton University School of Medicine Residents) - Diffuse large B-cell lymphoma
New Jersey (Overlook Hospital) - Diffuse large cell lymphoma (1); Diffuse intermediate cell lymphocytic type probably mantle cell type (1)
New York (Beth Israel Medical Center) - Follicular lymphoma
New York (Long Island Jewish Medical Center) - Favor mantle cell lymphoma
New York (Nassau County Medical Center) - Follicular lymphoma, cecum
New York (Stony Brook University Hospital Residents) - Diffuse large B-cell lymphoma
North Carolina (Mountain Area Pathology) - B-cell lymphoma, follicular center cell type (1); Follicle centered cell lymphoma, mixed (1); B-cell lymphoma (1); B-cell lymphoma, NOS (1)
Oklahoma, Edmond - Diffuse large B-cell lymphoma
Pennsylvania (Allegheny General Hospital) - Large cell lymphoma, B-cell type
Pennsylvania (Lehigh Valley Hospital) - Diffuse mixed small and large cell type follicular lymphoma
Pennsylvania (Memorial Medical Center Residents) - B-cell, MALToma (2)
Puerto Rico (University of Puerto Rico) - Follicular lymphoma, grade 2 vs. marginal zone lymphoma
Texas (ProPath Associates) - Malignant lymphoma, follicular centered type (1); Diffuse large B-cell lymphoma (1)
Texas (Scott & White Memorial Hospital) - Large cell lymphoma (3)
Vermont (Fletcher Allen Healthcare Center) - Malignant lymphoma, large cleaved, B-cell type
Washington, Steilacoom - B-cell lymphoma
West Virginia (Greenbrier Valley Medical Center) - Diffuse small B-cell lymphoma
Wisconsin (Meriter Health Services) - Large B-cell lymphoma

Wisconsin (St. Mary's Hospital) - Low grade B-cell lymphoma of MALT
Australia (North Queensland Pathology Group) - Small B-cell lymphoma, alveolar pattern
Australia (Royal Prince Alfred Hospital) - Diffuse large B-cell lymphoma
Canada (Foothills Medical Center) - Extranodal marginal zone B-cell lymphoma of mucosal associated lymphoid tissue
Chile (Universidad de Chile) - Large cell "B" cell lymphoma
Japan (Yamanashi Medical University) - Non-Hodgkin's lymphoma, diffuse large B-cell type (3); Mixed type (1)
Netherlands, Amsterdam - Diffuse large B-cell lymphoma

Case 9 - Diagnosis:

Diffuse large B-cell lymphoma with plasmacytic differentiation, scrotum and cecum
T-79400/T-67100, M-95903

Consultation: Milton Drachenberg, M.D., Ph.D., "Diffuse large B-cell lymphoma with plasmacytic differentiation."

Case 9 - References:

Armitage JO and Coiffier B. Activity of Interferon-Alpha in Relapsed Patients with Diffuse Large B-cell and Peripheral T-Cell Non-Hodgkin's Lymphoma. *Ann Oncol* 2000; 11(3):359-361.
Skindner BF, Horsman DE, Dupuis B, et al. Bcl-6 and Bcl-2 Protein Expression in Diffuse Large B-Cell Lymphoma and follicular Lymphoma. Correlation with 3q27 and 18q21 Chromosomal Abnormalities. *Hum Pathol* 1999; 30(7):803-808.
Donoghue S, Baden HS, Lauder I, et al. Immunohistochemical Localization of Caspase-3 Correlates with Clinical Outcome in B-Cell Diffuse Large-Cell Lymphoma. *Cancer Res* 1999; 59(20):5386-5391.
Chang CC, Liu YC, Cleveland RP, et al. Expression of c-Myc and p53 Correlates with Clinical Outcome in Diffuse Large B-cell Lymphomas. *Am J Clin Pathol* 2000; 113(4):512-518.
Alizadeh AA, Eisen MB, Davis RE, et al. Distinct Types of Diffuse Large B-Cell Lymphoma Identified by Gene Expression Profiling. *Nature* 2000; 403(6769):503-511.

Case No. 10, Accession No. 29148

January 2002

Bakersfield - Acute lymphadenitis
Baldwin Park (Kaiser Permanente) - Nodular sclerosing Hodgkin's disease (4)
Bay Area - Hodgkin's disease, nodular sclerosing type (4)
Fontana (Kaiser Permanente) - Hodgkin's disease, nodular sclerosing
Hayward/Fremont - Nodular sclerosing Hodgkin's disease
Long Beach (Lakewood Regional Medical Center) - Nodular sclerosing Hodgkin's disease (7)
Monterey (Community Hospital of Monterey Peninsula) - Nodular sclerosing Hodgkin's disease
Mountain View (El Camino Pathology Group) - Nodular sclerosing Hodgkin's disease
Oakland (Kaiser Permanente) - Hodgkin's disease, nodular sclerosing (4)
Orange (UCI Medical Center Residents) - Hodgkin's lymphoma, nodular sclerosing type
Sacramento (UC Davis Medical Center) - Hodgkin's disease, nodular sclerosis
San Diego (Naval Medical Center) - Nodular sclerosing Hodgkin's disease
Santa Rosa (Santa Rosa Memorial Hospital) - Nodular sclerosing Hodgkin's disease
Sebastopol (Pathology Services) - Nodular Hodgkin's lymphoma
Alabama (BMC Princeton) - Hodgkin's disease, nodular sclerosing
Arkansas (UAMS) - Nodular sclerosis Hodgkin's lymphoma, grade I
Colorado (Lutheran Medical Center) - Hodgkin's disease, nodular sclerosis
Delaware (Christiana Hospital) - Nodular sclerosing Hodgkin's disease
Florida (Baptist Hospital) - Hodgkin's lymphoma, nodular sclerosis (5)
Florida (Munroe Regional Medical Center) - Nodular sclerosing Hodgkin's disease
Florida (Pathology Associates) - Hodgkin's disease
Florida (Winter Haven Hospital) - Hodgkin's disease (1); Follicular center cell lymphoma, grade II, mixed (1)
Illinois (DuPage Pathology Associates) - Hodgkin's lymphoma (1); Nodular sclerosis Hodgkin's lymphoma (1)
Illinois (Evanston Hospital) - Nodular sclerosing Hodgkin's lymphoma

Illinois (Northwestern Memorial Hospital) - Nodular sclerosing Hodgkin's disease
Indiana (Fort Wayne) - Nodular sclerosing Hodgkin's lymphoma, left neck, right axilla
Maryland (Johns Hopkins Hospital Resident) - Hodgkin's lymphoma, nodular sclerosis subtype
Maryland (NIH Pathology Residents) - Nodular sclerosing Hodgkin's disease
Maryland (National Naval Medical Center) - Nodular sclerosis Hodgkin's lymphoma
Maryland (University of Maryland) - Nodular sclerosing Hodgkin's
Massachusetts (Berkshire Medical Center) - Hodgkin's disease, nodular sclerosis
Massachusetts (Brigham and Women's Residents/Fellows) - Classical Hodgkin's lymphoma, nodular sclerosis subtype
Massachusetts (New England Medical Center Residents) - Nodular sclerosing Hodgkin's lymphoma
Michigan (Oakwood Hospital) - Hodgkin's lymphoma, nodular sclerosing type
Michigan (St. Joseph Mercy Hospital) - Nodular sclerosis Hodgkin's disease, syncytial variant
Mississippi, Gulfport - Nodular sclerosis Hodgkin's lymphoma
Missouri (Truman Medical Center) - Hodgkin's disease, nodular sclerosing (2)
Nebraska (Creighton University School of Medicine Residents) - Hodgkin's lymphoma, nodular sclerosis
New Jersey (Overlook Hospital) - Nodular sclerosing Hodgkin's disease (2)
New York (Beth Israel Medical Center) - Nodular sclerosis Hodgkin's lymphoma
New York (Long Island Jewish Medical Center) - Nodular sclerosis Hodgkin's lymphoma
New York (Nassau County Medical Center) - Nodular sclerosing Hodgkin's lymphoma, neck
New York (Stony Brook University Hospital Residents) - Hodgkin's disease, nodular sclerosis type
North Carolina (Mountain Area Pathology) - Hodgkin's lymphoma, nodular sclerosing (4)
Oklahoma, Edmond - Nodular sclerosis Hodgkin's lymphoma
Pennsylvania (Allegheny General Hospital) - Hodgkin's disease
Pennsylvania (Lehigh Valley Hospital) - Hodgkin's disease, nodular sclerosing type
Pennsylvania (Memorial Medical Center Residents) - Hodgkin's lymphoma, nodular sclerosing
Puerto Rico (University of Puerto Rico) - Nodular sclerosis classical Hodgkin's lymphoma
Texas (ProPath Associates) - Hodgkin's disease, nodular sclerosis type (2)
Texas (Scott & White Memorial Hospital) - Hodgkin's lymphoma, nodular sclerosing (3)
Vermont (Fletcher Allen Healthcare Center) - Hodgkin's lymphoma, nodular sclerosis
Washington, Steilacoom - Hodgkin's lymphoma, nodular sclerosing
West Virginia (Greenbrier Valley Medical Center) - Nodular sclerosis Hodgkin's disease
Wisconsin (Meriter Health Services) - Hodgkin's lymphoma, nodular sclerosing
Wisconsin (St. Mary's Hospital) - Hodgkin's disease, nodular sclerosing
Australia (North Queensland Pathology Group) - Nodular sclerosing Hodgkin's disease
Australia (Royal Prince Alfred Hospital) - Nodular sclerosis Hodgkin's lymphoma
Canada (Foothills Medical Center) - Nodular sclerosis classical Hodgkin's lymphoma
Chile (Universidad de Chile) - Nodular sclerosis lymphocyte depleted Hodgkin's disease
Japan (Yamanashi Medical University) - Hodgkin's lymphoma, nodular sclerosis type (3); Eosinophilic lymphoma (1)
Netherlands, Amsterdam - Hodgkin's lymphoma, nodular sclerosing

Case 10 - Diagnosis:

Hodgkin's lymphoma, nodular sclerosing, neck and axilla
 T-Y0600/T-Y8100, M-96563

Case 10 - References:

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