CALIFORNIA TUMOR TISSUE REGISTRY

“SOFT TISSUE PATHOLOGY”
Study Cases, Subscription A

January 2001

California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
11021 Campus Avenue, AH 335
Loma Linda, California 92350
(909) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
**Target audience:**
Practicing pathologists and pathology residents.

**Goal:**
To acquaint the participant with the histologic features of a variety of benign and malignant neoplasms and tumor-like conditions.

**Objectives:**
The participant will be able to recognize morphologic features of a variety of benign and malignant neoplasms and tumor-like conditions and relate those processes to pertinent references in the medical literature.

**Educational methods and media:**
- Review of representative glass slides with associated histories.
- Feedback on consensus diagnoses from participating pathologists.
- Listing of selected references from the medical literature.

**Principal faculty:**
Weldon K. Bullock, MD
Donald R. Chase, MD

**CME Credit:**
Loma Linda University School of Medicine designates this continuing medical education activity for up to 2 hours of Category I of the Physician’s Recognition Award of the American Medical Association.
CME credit is offered for the subscription year only.

**Accreditation:**
Loma Linda University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.
Contributor: Sung Shin, M.D.  
Fontana, CA  

Tissue from: Left shoulder  
Accession #29045  

Clinical Abstract:  
For three months this 39-year-old Hispanic male experienced an enlarging mass in the posterior aspect of his left shoulder. He reported chronic discomfort, unaffected by movement and some tingling in his left arm. CT scan of the upper thorax revealed a mass occupying the majority of the left deltoid muscle.

Gross Pathology:  
The 206 gram encapsulated mass was 12.0 x 8.5 x 6.0 cm and had a homogenous tan-white whorled cut surface.

Contributor: Farooq Ali, M.D.  
Ventura, CA  

Tissue from: Right thumb  
Accession #28723  

Clinical Abstract:  
This 30-year-old male tolerated a growing mass on the volar aspect of his right thumb for four years. X-rays demonstrated calcific deposits and a soft tissue mass.

Gross Pathology:  
The 11 gram, 4.0 x 4.0 x 3.5 cm mass consisted of shiny white lobular, calcified cartilaginous tissue and was covered by a transparent membranous white connective tissue capsule.
Contributor: Philip Gruskin, M.D.
Lynwood, CA

Case No. 3 - January 2001

Tissue from: Rectovaginal septum
Accession #28608

Clinical Abstract:
Approximately one year after a normal vaginal delivery, this 31-year-old Hispanic female complained of dyspareunia and was found to have a mass in the rectovaginal septum.

Gross Pathology:
The 25 gram rubbery, blue-tan portion of tissue was 4.0 x 4.0 x 3.0 cm. The cut surface was solid tan-white to pink.

Contributor: Mark Janssen, M.D.
Anaheim, CA

Case No. 4 - January 2001

Tissue from: Small bowel
Accession #28449

Clinical Abstract:
After two weeks of abdominal pain, this 28-year-old nulligravida female was found, by ultrasound, to have an 18 cm diameter multicystic mass. The clinical expectation was that of an ovarian mucinous cystadenoma. At exploratory laparotomy a multicystic mass of the small bowel and mesentery was found.

Gross Pathology:
Attached to the mesentery was a 16.0 x 11.0 x 10.0 cm variegated red-brown mass lined by apparent wrinkled capsular tissue with focal areas of fibrinous adhesions. The mass contained variable-sized interconnecting cystic/vascular structures ranging from 4 cm to less than 0.2 cm, some filled with blood or blood-tinged fluid.
Clinical Abstract:
A 42-year-old male presented with a mass in his right inguinal region and thigh.

Gross Pathology:
The 1,350 gram specimen included a well circumscribed 10.0 x 9.5 x 8.5 cm firm yellow-tan mass with areas of hemorrhagic mucinous and serous cystic change.

SPECIAL STUDIES:
<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desmin</td>
<td>negative</td>
</tr>
<tr>
<td>S-100</td>
<td>negative</td>
</tr>
<tr>
<td>Vimentin</td>
<td>4+</td>
</tr>
</tbody>
</table>

Clinical Abstract:
This 78-year-old male developed bowel obstruction and was discovered to have a right abdominal wall mass.

Gross Pathology:
The 1891 gram well circumscribed tumor was 25.0 x 17.0 x 7.0 cm and had a lobular yellow cut surface with variable areas of firmness and foci of hemorrhage.
Clinical Abstract:
While being followed for some unrelated problems, this 89-year-old male suggested removal of a bothersome but non-painful lump on his right forearm. It had been present for 10 years and had not increased in size.

Gross Pathology:
The 15.3 gram pink-tan soft tissue mass was 4.5 x 3.0 x 2.6 cm, surmounted by a 5.0 x 1.1 cm ellipse of tan skin.

SPECIAL STUDIES:
Desmin  positive
Keratin  negative
S-100   negative

Clinical Abstract:
Multiple rapidly growing masses developed in the right groin of this 39-year-old male, and lymphoma was suspected. There was no significant past medical or family history.

Gross Pathology:
Two ovoid shaped segments of tissue had smooth surfaces and were 2.0 cm in greatest diameter. Cut surfaces were solid pale yellow.

SPECIAL STUDIES:
S-100  strongly positive
Clinical Abstract:
After 1½ years of pain in the right lower extremity, this 74-year-old male submitted to an extensive work-up. An MRI scan of the ankle area revealed a soft tissue mass posterior to the tibia and anterior to the Achilles tendon. After biopsy, a below the knee amputation was performed.

Gross Pathology:
About 3 cm from the medial malleolus was a 7.6 x 5.2 x 3.8 cm variegated pale tan to yellow-tan tumor. The tumor was contiguous with the tibial nerve, was partially circumscribed and did not invade adjacent bone.

Clinical Abstract:
For about 10 years this 61-year-old male had noticed a mass in his left upper arm. It became painful and was excised.

Gross Pathology:
The 3.3 x 2.0 x 0.9 cm skin ellipse with subcutaneous tissue included a 2.1 cm white tan nodule.
SOFT TISSUE PATHOLOGY

Minutes – Subscription A

January 2001

SUGGESTED READING (General Topics from Recent Literature):


California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
11021 Campus Avenue, AH 335
Loma Linda, California 92350
(909) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
Case of the Month: www.llu.edu/llu/cttr/cotm
Web Page: www.cttr.org
# FILE DIAGNOSES

CTTR Subscription A    January 2001

**Case 1:**
Collagenous fibroma (desmoplastic fibroblastoma), shoulder  
T-Y2300, M-88100

**Case 2:**
Soft tissue chondroma, thumb  
T-Y8810, M-92200

**Case 3:**
Angiomyofibroblastoma  
T-68070, M-91600

**Case 4:**
Cavernous lymphangiomyoma, mesentery

**Case 5:**
Fibrosarcoma, inguinal region  
T-Y7000, M-88103

**Case 6:**
Well-differentiated liposarcoma, abdomen  
T-Y4100, M-88503

**Case 7:**
Pleomorphic leiomyosarcoma, forearm  
T-Y8500, M-88903

**Case 8:**
Cellular Schwannoma, groin  
(Note: Not all slides showed both Antoni A and Antoni B regions...drc)  
T-Y7000, M-95600

**Case 9:**
Epithelioid malignant peripheral nerve sheath tumor, leg  
(Note: Tumor was S-100 +, HMB45 -, Desmin -, CAM5.2 -)  
T-Y9400, M-95600

**Case 10:**
Superficial leiomyosarcoma, arm  
T-Y8000, M-88903
<table>
<thead>
<tr>
<th>Case No. 1, Accession No. 29045</th>
<th>January 2001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mountain View (El Camino Pathology Group)</td>
<td>Fibromatosis</td>
</tr>
<tr>
<td>Bakersfield</td>
<td>Extra-abdominal fibromatosis</td>
</tr>
<tr>
<td>Hayward/Fremont</td>
<td>Collagenous fibroma (desmoplastic fibroblastoma) (4)</td>
</tr>
<tr>
<td>Orange (UCI Medical Center Residents)</td>
<td>Collagenous fibroma (desmoplastic fibroblastoma)</td>
</tr>
<tr>
<td>Oakland (Kaiser)</td>
<td>Collagenous (sclerosing) fibroma (3)</td>
</tr>
<tr>
<td>Ventura (Unilab)</td>
<td>Extra-abdominal fibromatosis (2)</td>
</tr>
<tr>
<td>Santa Rosa</td>
<td>Intramuscular collagenoma (3)</td>
</tr>
<tr>
<td>Long Beach</td>
<td>Fibroma (6)</td>
</tr>
<tr>
<td>San Diego (Naval Medical Center)</td>
<td>Collagenous fibroma</td>
</tr>
<tr>
<td>Bay Area</td>
<td>Collagenous fibroma (3)</td>
</tr>
<tr>
<td>Monterey Park (Garfield Medical Center)</td>
<td>Extra-abdominal desmoid</td>
</tr>
<tr>
<td>Monterey (Community Hospital of Monterey Peninsula)</td>
<td>Fibroma</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>Desmoplastic fibroma (collagenous fibroma) (6)</td>
</tr>
<tr>
<td>Sacramento (UC Davis)</td>
<td>Fibromatosis</td>
</tr>
<tr>
<td>Alaska (Anchorage)</td>
<td>Fibroma</td>
</tr>
<tr>
<td>Florida (Tallahassee)</td>
<td>Solitary fibrous tumor</td>
</tr>
<tr>
<td>Florida (Winter Haven Hospital)</td>
<td>Desmoid</td>
</tr>
<tr>
<td>Florida (Munroe Regional Medical Center)</td>
<td>Elastofibroma</td>
</tr>
<tr>
<td>Georgia (Piedmont Hospital)</td>
<td>Collagenous fibroma</td>
</tr>
<tr>
<td>Illinois (Dupage Pathology Associates)</td>
<td>Extra-abdominal fibromatosis (desmoid tumor) (1); Desmoid tumor (1)</td>
</tr>
<tr>
<td>Illinois (Burr Ridge)</td>
<td>Fibromatosis, r/o elastofibroma</td>
</tr>
<tr>
<td>Illinois (Northwestern Memorial Hospital)</td>
<td>Fibroma</td>
</tr>
<tr>
<td>Iowa (University of Iowa)</td>
<td>Fibromatosis</td>
</tr>
<tr>
<td>Kentucky (University of Louisville Residents)</td>
<td>Hyalinized hemangiopericytoma</td>
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<tr>
<td>Maryland (Johns Hopkins Hospital Residents)</td>
<td>Desmoid fibromatosis</td>
</tr>
<tr>
<td>Maryland (National Naval Medical Center)</td>
<td>Fibromatosis (desmoid) (10); Desmoplastic fibroma (2)</td>
</tr>
<tr>
<td>Maryland (University of Maryland)</td>
<td>Fibroma</td>
</tr>
<tr>
<td>Maryland (Woodbine)</td>
<td>Collagenous fibroma (2)</td>
</tr>
<tr>
<td>Massachusetts (Berkshire Medical Center)</td>
<td>Fibroma (2); Extra-abdominal fibromatosis (4)</td>
</tr>
<tr>
<td>Michigan (St. Joseph Mercy Hospital)</td>
<td>Fibromatosis (desmoid tumor)</td>
</tr>
<tr>
<td>Michigan (Oakwood Hospital)</td>
<td>Collagenous fibroma</td>
</tr>
<tr>
<td>Missouri (Truman Medical Center)</td>
<td>Tendon sheath fibroma</td>
</tr>
<tr>
<td>Nebraska (Omaha)</td>
<td>Elastofibroma</td>
</tr>
<tr>
<td>Nevada (Reno)</td>
<td>Fibroma</td>
</tr>
<tr>
<td>New Jersey (Overlook Hospital)</td>
<td>Benign fibrous tumor (NOS) (3)</td>
</tr>
<tr>
<td>New York (Northport VAMC)</td>
<td>Desmoid</td>
</tr>
<tr>
<td>New York (Beth Israel Medical Center Residents)</td>
<td>Fibroma of tendon sheath</td>
</tr>
<tr>
<td>New York (SUNY Stony Brook University Hospital Residents)</td>
<td>Extra-abdominal desmoid tumor</td>
</tr>
<tr>
<td>New York (Long Island Jewish Medical Center)</td>
<td>Collagenous fibroma</td>
</tr>
<tr>
<td>North Carolina (Wake Forest University Residents)</td>
<td>Eosinophilic fasciitis</td>
</tr>
<tr>
<td>Pennsylvania (Lehigh Valley Hospital)</td>
<td>Fibroma of tendon sheath</td>
</tr>
<tr>
<td>Pennsylvania (Conemaugh Medical Center Residents)</td>
<td>Fibroma of tendon sheath</td>
</tr>
<tr>
<td>Pennsylvania (Allegheny General Hospital)</td>
<td>Nuchal fibroma</td>
</tr>
<tr>
<td>Wisconsin (Madison)</td>
<td>Desmoplastic fibroma vs. fibromatosis vs. GOK</td>
</tr>
<tr>
<td>Brazil (Hospital Amaral Carvalho)</td>
<td>Nuchal fibroma</td>
</tr>
<tr>
<td>Canada (Foothills Hospital, Calgary)</td>
<td>Extra-abdominal fibromatosis</td>
</tr>
<tr>
<td>Japan (Kawasaki Medical School Hospital, Kurashiki)</td>
<td>Desmoplastic fibroma (fibroblastoma) (4)</td>
</tr>
<tr>
<td>Japan (Kyoto)</td>
<td>Elastofibroma (2); Fibroma of tendon sheath (1)</td>
</tr>
<tr>
<td>Portugal (HSI/IPATIMUP Residents)</td>
<td>Fibromatosis - extra-abdominal</td>
</tr>
<tr>
<td>Puerto Rico (San Juan)</td>
<td>Tenofactive fibroinflammatory</td>
</tr>
<tr>
<td>Singapore</td>
<td>Fibromatosis (1); Fibroma, features suggestive of nuchal fibroma (1)</td>
</tr>
</tbody>
</table>

CTTR, January 2001 “Minutes” (Subscription A)
**DIAGNOSIS:**

Collagenous fibroma (desmoplastic fibroblastoma), shoulder  
T-Y2300, M88100

**REFERENCES:**


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**Case No. 2, Accession No. 28723**  
**January 2001**

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Mountain View (El Camino Pathology Group)</td>
<td>Extraskeletal chondroma</td>
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<tr>
<td>Bakersfield</td>
<td>Chondroma</td>
</tr>
<tr>
<td>Hayward/Fremont</td>
<td>Low grade chondrosarcoma (need x-ray) (2); Extraskeletal chondroma (need x-ray) (2)</td>
</tr>
<tr>
<td>Orange (UCI Medical Center Residents)</td>
<td>Extraskeletal chondroma</td>
</tr>
<tr>
<td>Oakland (Kaiser)</td>
<td>Extraskeletal chondroma (3)</td>
</tr>
<tr>
<td>Ventura (Unilab)</td>
<td>Extraskeletal chondroma (2)</td>
</tr>
<tr>
<td>Santa Rosa</td>
<td>Extraskeletal chondroma (3)</td>
</tr>
<tr>
<td>Long Beach</td>
<td>Chondroma (6)</td>
</tr>
<tr>
<td>San Diego (Naval Medical Center)</td>
<td>Soft tissue chondroma</td>
</tr>
<tr>
<td>Bay Area</td>
<td>Enchondroma (3)</td>
</tr>
<tr>
<td>Monterey Park (Garfield Medical Center)</td>
<td>Osteochondroma</td>
</tr>
<tr>
<td>Monterey (Community Hospital of Monterey Peninsula)</td>
<td>Chondroma of soft parts</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>Extraskeletal chondroma (6)</td>
</tr>
<tr>
<td>Sacramento (UC Davis)</td>
<td>Soft tissue chondroma</td>
</tr>
<tr>
<td>Alaska (Anchorage)</td>
<td>Chondroma</td>
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<tr>
<td>Florida (Tallahassee)</td>
<td>Chondroma</td>
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<tr>
<td>Florida (Winter Haven Hospital)</td>
<td>Synovial chondromatosis</td>
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<tr>
<td>Florida (Munroe Regional Medical Center)</td>
<td>Calcifying aponeurotic fibroma</td>
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<tr>
<td>Georgia (Piedmont Hospital)</td>
<td>Soft tissue chondroma with ossification</td>
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<td>Illinois (Dupage Pathology Associates)</td>
<td>Extraskeletal chondroma (2)</td>
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<tr>
<td>Illinois (Burr Ridge)</td>
<td>Chondroma</td>
</tr>
<tr>
<td>Illinois (Northwestern Memorial Hospital)</td>
<td>Enchondroma</td>
</tr>
<tr>
<td>Iowa (University of Iowa)</td>
<td>Chondroma</td>
</tr>
<tr>
<td>Kentucky (University of Louisville Residents)</td>
<td>Chondroma</td>
</tr>
<tr>
<td>Maryland (Johns Hopkins Hospital Residents)</td>
<td>Soft tissue chondroma</td>
</tr>
<tr>
<td>Maryland (National Naval Medical Center)</td>
<td>Chondroma of soft parts</td>
</tr>
<tr>
<td>Maryland (University of Maryland)</td>
<td>Soft tissue chondroma</td>
</tr>
<tr>
<td>Maryland (Woodbine)</td>
<td>Periosteal chondroma (2)</td>
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<tr>
<td>Massachusetts (Berkshire Medical Center)</td>
<td>Chondroma (5) vs. bizarre periosteal osteochondromatous proliferation (1)</td>
</tr>
<tr>
<td>Michigan (St. Joseph Mercy Hospital)</td>
<td>Enchondroma</td>
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<tr>
<td>Michigan (Oakwood Hospital)</td>
<td>Enchondroma</td>
</tr>
<tr>
<td>Missouri (Truman Medical Center)</td>
<td>Periosteal chondroma</td>
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<tr>
<td>Nebraska (Omaha)</td>
<td>Enchondroma</td>
</tr>
<tr>
<td>Nevada (Reno)</td>
<td>Chondroma of soft parts</td>
</tr>
<tr>
<td>New Jersey (Overlook Hospital)</td>
<td>Chondroma of soft tissue (3)</td>
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<tr>
<td>New York (Northport VAMC)</td>
<td>Extraskeletal chondroma</td>
</tr>
<tr>
<td>New York (Beth Israel Medical Center Residents)</td>
<td>Extraskeletal chondroma</td>
</tr>
</tbody>
</table>
New York (SUNY Stony Brook University Hospital Residents) - Chondroma of soft parts
New York (Long Island Jewish Medical Center) - Soft tissue chondroma
North Carolina (Wake Forest University Residents) - Extraskeletal osteochondroma
Pennsylvania (Lehigh Valley Hospital) - Soft tissue chondroma
Pennsylvania (Conemaugh Medical Center Residents) - Enchondroma
Pennsylvania (Allegheny General Hospital) - Extraskeletal chondroma
Wisconsin (Madison) - Extraskeletal chondroma of soft parts
Brazil (Hospital Amaral Carvalho) - Chondroma
Canada (Foothills Hospital, Calgary) - Extraskeletal chondroma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Chondroma, extraskeletal (4)
Japan (Kyoto) - Extraskeletal chondroma (2); Tumoral calcinosis (1)
Portugal (HSI/IPATIMUP Residents) - Soft tissue chondroma
Puerto Rico (San Juan) - Peripheral chondroma
Singapore - Chondroma (2)

DIAGNOSIS:

Soft tissue chondroma, thumb
T-Y8810, M-92200

REFERENCES:

Case No. 3, Accession No. 28608

January 2001

Mountain View (El Camino Pathology Group) - Angiomyofibroblastoma
Bakersfield - Abdominal fibromatosis
Hayward/Fremont - Angiomyofibroblastoma (4)
Orange (UCI Medical Center Residents) - Angiomyofibroblastoma
Oakland (Kaiser) - Angiomyxoma (3)
Ventura (Unilab) - Pelvic fibromatosis (2)
Santa Rosa - Spindle cell lipoma (1); Benign fibromyxoid tumor (1); Benign mesenchymal hamartoma (1)
Long Beach - Fibroma (6)
San Diego (Naval Medical Center) - Aggressive angiomyxoma
Bay Area - Cellular angiofibroma (3)
Monterey Park (Garfield Medical Center) - Myxofibroma
Monterey (Community Hospital of Monterey Peninsula) - Angiomyxoma
Santa Clara - Reactive myofibroblastic proliferation (6)
Sacramento (UC Davis) - Aggressive angiomyxoma
Alaska (Anchorage) - Aggressive angiomyxoma
Florida (Tallahassee) - Aggressive angiomyxoma
Florida (Winter Haven Hospital) - Angiomyofibroblastoma
Florida (Munroe Regional Medical Center) - Aggressive angiomyxoma
Georgia (Piedmont Hospital) - Angiomyofibroblastoma
Illinois (Dupage Pathology Associates) - Myolipoma (2)
Illinois (Burr Ridge) - (Post operative) spindle cell nodule
Illinois (Northwestern Memorial Hospital) - Aggressive angiomyxoma
Iowa (University of Iowa) - Aggressive angiomyxoma
Kentucky (University of Louisville Residents) - Aggressive angiomyxoma
Maryland (Johns Hopkins Hospital Residents) - Aggressive angiomyxoma

CTTR, January 2001 “Minutes” (Subscription A)
Maryland (National Naval Medical Center) - Angiomyofibroblastoma (8); Angiomyxoma (2)
Maryland (University of Maryland) - Aggressive angiomyxoma
Maryland (Woodbine) - Well-differentiated liposarcoma (1); Solitary fibrous tumor (1)
Massachusetts (Berkshire Medical Center) - Aggressive angiomyxoma
Michigan (St. Joseph Mercy Hospital) - Angiomyofibroblastoma
Michigan (Oakwood Hospital) - Angiomyofibroblastoma
Missouri (Truman Medical Center) - Genital rhabdomyoma
Nebraska (Omaha) - Aggressive angiomyxoma
Nevada (Reno) - Angiomyofibroblastoma
New Jersey (Overlook Hospital) - Angiomyofibroblastoma (3)
New York (Northport VAMC) - Aggressive angiomyxoma
New York (Beth Israel Medical Center Residents) - Aggressive angiomyxoma
New York (SUNY Stony Brook University Hospital Residents) - Aggressive angiomyxoma
New York (Long Island Jewish Medical Center) - Aggressive angiomyxoma
North Carolina (Wake Forest University Residents) - Aggressive angiomyxoma
Pennsylvania (Lehigh Valley Hospital) - Angiomyxoma
Pennsylvania (Conemaugh Medical Center Residents) - Aggressive angiomyxoma/angiomyofibroblastoma
Pennsylvania (Allegheny General Hospital) - Aggressive angiomyxoma
Wisconsin (Madison) - Aggressive angiomyxoma (doubt angiomyxofibroblastoma)
Brazil (Hospital Amaral Carvalho) - Angiomyofibroblastoma
Canada (Foothills Hospital, Calgary) - Aggressive angiomyxoma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Angiomyofibroblastoma (4)
Japan (Kyoto) - Angiomyofibroblastoma (1); Aggressive angiomyxoma (2)
Portugal (HSI/IPATIMUP Residents) - Angiomyxoma (aggressive angiomyxoma)
Puerto Rico (San Juan) - Leiomyoma
Singapore - Aggressive angiomyxoma (2)

**DIAGNOSIS:**

Angiomyofibroblastoma

T-68070, M-91600

**REFERENCES:**


**Case No. 4, Accession No. 28449**

January 2001

Mountain View (El Camino Pathology Group) - Lymphangioma
Bakersfield - Multicystic mesothelioma
Hayward/Fremont - Angiomyolipoma of soft tissue (2); Lymphangioma (1); Hemangioma (1)
Orange (UCI Medical Center Residents) - Lymphangiomyoma
Oakland (Kaiser) - Lymphangioma (3)
Ventura (Unilab) - Venous hemangioma (2)
Santa Rosa - Hemangioma, A-V malformation (1); Venous hemangioma (1); Cavernous hemangioma (1)
Long Beach - Lymphangioma (6)
San Diego (Naval Medical Center) - Lymphangioleiomyoma
Bay Area - Cystic lymphangioma (cannot r/o lymphangioleiomyoma or angiomyolipoma) (3)

CTTR, January 2001 "Minutes" (Subscription A)
Monterey Park (Garfield Medical Center) - Lymphangioma
Monterey (Community Hospital of Monterey Peninsula) - Lymphangioma
Santa Clara - Lymphangioleiomyoma (6)
Sacramento (UC Davis) - Angiomyolipoma (vs. lymphangioma vs. benign cystic mesothelioma)
Alaska (Anchorage) - Multicystic benign mesothelioma
Florida (Tallahassee) - Cavernous hemangioma
Florida (Winter Haven Hospital) - Angiomyoma
Florida (Munroe Regional Medical Center) - Lymphangiomyoma
Georg ia (Piedmont Hospital) - Angiomyolipoma
Illinois (Dupage Pathology Associates) - Multicystic peritoneal mesothelioma (1); Cystic mesothelioma (1)
Illinois (Burr Ridge) - Venous hemangioma
Illinois (Northwestern Memorial Hospital) - Lymphangiomyoma
Iowa (University of Iowa) - Lymphangioma
Kentucky (University of Louisville Residents) - Lymphangiomyoma (lymphangiomyomatosis)
Maryland (Johns Hopkins Hospital Residents) - Lymphangioma
Maryland (National Naval Medical Center) - Lymphangioma
Maryland (University of Maryland) - Multilocular cystic lymphangioma
Maryland (Woodbine) - Cavernous hemangioma (1); Cavernous lymphangioma (1)
Massachusetts (Berkshire Medical Center) - Mesenteric lymphangioma
Michigan (St. Joseph Mercy Hospital) - Lymphangiomyoma
Michigan (Oakwood Hospital) - Lymphangioma
Missouri (Truman Medical Center) - Benign cystic lymphangioma
Nebraska (Omaha) - Cystic lymphangioma
Nevada (Reno) - Cystic lymphangioma
New Jersey (Overlook Hospital) - Lymphangiomyoma
New York (Northport VAMC) - Venous hemangioma
New York (Beth Israel Medical Center Residents) - Lymphangioma
New York (SUNY Stony Brook University Hospital Residents) - Cystic lymphangioma
New York (Long Island Jewish Medical Center) - Lymphangioma
North Carolina (Wake Forest University Residents) - Lymphangiomyoma
Pennsylvania (Lehigh Valley Hospital) - Angiomyolipoma
Pennsylvania (Conemaugh Medical Center Residents) - AV malformation/angiodysplasia
Pennsylvania (Allegheny General Hospital) - Lymphangiomyoma
Wisconsin (Madison) - Lymphangioma
Brazil (Hospital Amaral Carvalho) - Vascular hamartoma
Canada (Foothills Hospital, Calgary) - Lymphangiomyoma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Lymphangioma (4)
Japan (Kyoto) - Lymphangiomyoma (1); Arterio-venous hemangioma (1); Arterio-venous malformation (1)
Portugal (HSI/IPATIMUP Residents) - Lymphangioma (cystic of the mesentery) vs. lymphangiomyoma
Puerto Rico (San Juan) - Adenomatoid lesion
Singapore - Lymphangioma (1); Lymphangiomyoma (hamartoma) (1)

**DIAGNOSIS:**
Cavernous lymphangiomyoma, mesentery

**REFERENCES:**
Case No. 5, Accession No. 28854 - January 2001

Mountain View (El Camino Pathology Group) - Monophasic synovial sarcoma
Bakersfield - Nodular fasciitis
Hayward/Fremont - Fibrosarcoma (r/o clear cell sarcoma) (3); Nodular fasciitis (1)
Orange (UCI Medical Center Residents) - MPNST vs. synovial sarcoma
Oakland (Kaiser) - Fibrosarcoma (3)
Ventura (Unilab) - Low grade fibrosarcoma (2)
Santa Rosa - Fibrosarcoma (3)
Long Beach - Fibrosarcoma (6)
San Diego (Naval Medical Center) - Mesenchymal chondrosarcoma (9); Malignant peripheral nerve sheath tumor (2)
Bay Area - Low grade myxoid fibrosarcoma (3)
Monterey Park (Garfield Medical Center) - Fibrosarcoma
Monterey (Community Hospital of Monterey Peninsula) - MPNST
Santa Clara - Monophasic synovial sarcoma (6)
Sacramento (UC Davis) - Fibrosarcoma
Alaska (Anchorage) - Synovial sarcoma
Florida (Tallahassee) - Synovial sarcoma, monophasic
Florida (Winter Haven Hospital) - Mesenchymal chondrosarcoma
Florida (Munroe Regional Medical Center) - Fibrosarcoma
Georgia (Piedmont Hospital) - Chondrosarcoma
Illinois (Dupage Pathology Associates) - Synovial sarcoma (monophasic) (2)
Illinois (Burr Ridge) - Malignant Schwannoma
Illinois (Northwestern Memorial Hospital) - Synovial sarcoma
Iowa (University of Iowa) - MPNST with heterologous elements
Kentucky (University of Louisville Residents) - Nodular fasciitis (? cyto keratin stains); myxofibrosarcoma
Maryland (Johns Hopkins Hospital Residents) - Favor monophasic synovial sarcoma – immunostains for cyto keratin and EMA would be helpful
Maryland (National Naval Medical Center) - Fibrous monophasic synovial sarcoma (7); Fibrosarcoma (5)
Maryland (University of Maryland) - High grade sarcoma, r/o synovial sarcoma
Maryland (Woodbine) - Malignant peripheral nerve sheath tumor (2)
Massachusetts (Berkshire Medical Center) - Synovial sarcoma
Michigan (St. Joseph Mercy Hospital) - Synovial sarcoma (1); Mesenchymal chondrosarcoma (1)
Michigan (Oakwood Hospital) - Sarcoma – monophasic synovial sarcoma vs. MPNST
Missouri (Truman Medical Center) - Fibrosarcoma vs. monophasic synovial sarcoma vs. sarcomatoid carcinoma
Nebraska (Omaha) - Fibrosarcoma
Nevada (Reno) - Low grade fibrosarcoma
New Jersey (Overlook Hospital) - Fibrosarcoma (1); Myxofibrosarcoma (1); Sarcoma, NOS (1)
New York (Northport VAMC) - Monophasic synovial sarcoma
New York (Beth Israel Medical Center Residents) - Synovial sarcoma
New York (SUNY Stony Brook University Hospital Residents) - Myxfibrosarcoma
New York (Long Island Jewish Medical Center) - Undifferentiated sarcoma favor synovial sarcoma or fibrosarcoma, additional immuno workup
North Carolina (Wake Forest University Residents) - Malignant peripheral nerve sheath tumor (MPNST)
Pennsylvania (Lehigh Valley Hospital) - Low grade fibromyxoid sarcoma
Pennsylvania (Conemaugh Medical Center Residents) - Malignant peripheral nerve sheath tumor -- MPNST
Pennsylvania (Allegheny General Hospital) - Mesenchymal chondrosarcoma
Wisconsin (Madison) - High grade sarcoma, favor synovial sarcoma, need cyto keratin stain
Brazil (Hospital Amaral Carvalho) - Mesenchymal chondrosarcoma
Canada (Foothills Hospital, Calgary) - Mesenchymal chondrosarcoma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Malignant peripheral nerve sheath tumor (4)
Japan (Kyoto) - Synovial sarcoma (3)
Portugal (HSI/IPATIMUP Residents) - Fibrosarcoma (differential diagnosis: malignant peripheral nerve sheath tumor)
Puerto Rico (San Juan) - Rhabdomyosarcoma
Singapore - Malignant peripheral nerve sheath tumor (2)

**DIAGNOSIS:**
Fibrosarcoma, inguinal region
T-Y7000, M-88103

**REFERENCES:**

**Case No. 6, Accession No. 28621**

Mountain View (El Camino Pathology Group) - Well-differentiated liposarcoma
Bakersfield - Well-differentiated liposarcoma
Hayward/Fremont - Liposarcoma, well-differentiated (4)
Orange (UCI Medical Center Residents) - Well-differentiated liposarcoma
Oakland (Kaiser) - Well-differentiated liposarcoma (3)
Ventura (Unilab) - Liposarcoma (2)
Santa Rosa - Atypical lipomatous tumor if superficial (1); Atypical lipoma (1); Liposarcoma, NOS (1)
Long Beach - Liposarcoma, well-differentiated (6)
San Diego (Naval Medical Center) - Well-differentiated lipoma-like liposarcoma
Bay Area - Well-differentiated liposarcoma (atypical lipomatous tumor) (2); Atypical lipoma (1)
Monterey Park (Garfield Medical Center) - Liposarcoma, low grade
Monterey (Community Hospital of Monterey Peninsula) - Liposarcoma
Santa Clara - Well-differentiated liposarcoma (6)
Sacramento (UC Davis) - Atypical lipomatous tumor
Alaska (Anchorage) - Liposarcoma (well-differentiated)
Florida (Tallahassee) - Liposarcoma, well-differentiated
Florida (Winter Haven Hospital) - Well-differentiated liposarcoma
Florida (Munroe Regional Medical Center) - Well-differentiated liposarcoma
Georgia (Piedmont Hospital) - Liposarcoma
Illinois (Dupage Pathology Associates) - Liposarcoma, well-differentiated (2)
Illinois (Burr Ridge) - Liposarcoma
Illinois (Northwestern Memorial Hospital) - Well-differentiated liposarcoma
Iowa (University of Iowa) - Myxoid liposarcoma
Kentucky (University of Louisville Residents) - Liposarcoma, well-differentiated
Maryland (Johns Hopkins Hospital Residents) - Atypical lipoma – well-differentiated liposarcoma (depending if tumor is retroperitoneal)
Maryland (National Naval Medical Center) - Liposarcoma with mixed features
Maryland (University of Maryland) - Myxoid liposarcoma
Maryland (Woodbine) - Liposarcoma (2)
Massachusetts (Berkshire Medical Center) - Liposarcoma, high grade
Michigan (St. Joseph Mercy Hospital) - Well-differentiated liposarcoma
Michigan (Oakwood Hospital) - Well-differentiated liposarcoma
Missouri (Truman Medical Center) - Pleomorphic lipoma
Nebraska (Omaha) - Well-differentiated liposarcoma
Nevada (Reno) - Well-differentiated liposarcoma
New Jersey (Overlook Hospital) - Liposarcoma, well-differentiated (3)

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New York (Northport VAMC) - Well-differentiated liposarcoma
New York (Beth Israel Medical Center Residents) - Liposarcoma
New York (SUNY Stony Brook University Hospital Residents) - Well-differentiated liposarcoma
New York (Long Island Jewish Medical Center) - Myxoid liposarcoma
North Carolina (Wake Forest University Residents) - Myxoid liposarcoma
Pennsylvania (Lehigh Valley Hospital) - Well-differentiated liposarcoma, sclerosing type
Pennsylvania (Conemaugh Medical Center Residents) - Well-differentiated liposarcoma
Pennsylvania (Allegheny General Hospital) - Well-differentiated liposarcoma
Wisconsin (Madison) - Lipoma-like well-differentiated liposarcoma
Brazil (Hospital Amaral Carvalho) - Lipoma-like liposarcoma
Canada (Foothills Hospital, Calgary) - Liposarcoma, myxoid
Japan (Kawasaki Medical School Hospital, Kurashiki) - Liposarcoma, well-differentiated (4)
Japan (Kyoto) - Liposarcoma, well-differentiated (2); Pleomorphic lipoma (1)
Portugal (HSU/PATIMUP Residents) - Liposarcoma “lipoma-like”
Puerto Rico (San Juan) - Liposarcoma
Singapore - Well-differentiated liposarcoma (2)

**DIAGNOSIS:**

**Well-differentiated liposarcoma, abdomen**
T-Y4100, M-88503

**REFERENCES:**

**Case No. 7, Accession No. 29007 January 2001**

Mountain View (El Camino Pathology Group) - Leiomyosarcoma, high grade
Bakersfield - Malignant fibrous histiocytoma
Hayward/Fremont - Leiomyosarcoma (4)
Orange (UCI Medical Center Residents) - Leiomyosarcoma
Oakland (Kaiser) - Leiomyosarcoma (3)
Ventura (Unilab) - Leiomyosarcoma (2)
Santa Rosa - Cutaneous leiomyosarcoma (3)
Long Beach - Leiomyosarcoma (6)
San Diego (Naval Medical Center) - Pleomorphic leiomyosarcoma
Bay Area - Leiomyosarcoma (3)
Monterey Park (Garfield Medical Center) - Leiomyosarcoma
Monterey (Community Hospital of Monterey Peninsula) - MFH
Santa Clara - MFH (6)
Sacramento (UC Davis) - MFH vs. pleomorphic rhabdomyosarcoma
Alaska (Anchorage) - Leiomyosarcoma (subcutaneous)
Florida (Tallahassee) - Leiomyosarcoma
Florida (Winter Haven Hospital) - Leiomyosarcoma
Florida (Munroe Regional Medical Center) - Leiomyosarcoma
Georgia (Piedmont Hospital) - Leiomyosarcoma
Illinois (Dupage Pathology Associates) - Symplastic leiomyoma (2)
Illinois (Burr Ridge) - Malignant fibrous histiocytoma
Illinois (Northwestern Memorial Hospital) - Liposarcoma vs. vascular leiomyosarcoma
Iowa (University of Iowa) - Pleomorphic rhabdomyosarcoma
Kentucky (University of Louisville Residents) - Leiomyosarcoma
Maryland (Johns Hopkins Hospital Residents) - Leiomyosarcoma, possibly of vascular origin
Maryland (National Naval Medical Center) - Leiomyosarcoma
Maryland (University of Maryland) - Pleomorphic leiomyosarcoma
Maryland (Woodbine) - Leiomyosarcoma (2)
Massachusetts (Berkshire Medical Center) - Leiomyosarcoma
Michigan (St. Joseph Mercy Hospital) - Leiomyosarcoma
Michigan (Oakwood Hospital) - Leiomyosarcoma
Missouri (Truman Medical Center) - Atypical fibrous xanthoma
Nebraska (Omaha) - Dermatofibrosarcoma protuberans
Nevada (Reno) - Leiomyosarcoma
New Jersey (Overlook Hospital) - Subcutaneous leiomyosarcoma (3)
New York (Northport VAMC) - Leiomyosarcoma
New York (Beth Israel Medical Center Residents) - Leiomyosarcoma
New York (SUNY Stony Brook University Hospital Residents) - Pleomorphic rhabdomyosarcoma
New York (Long Island Jewish Medical Center) - Leiomyosarcoma, immuno unnecessary
North Carolina (Wake Forest University Residents) - Malignant fibrous histiocytoma
Pennsylvania (Lehigh Valley Hospital) - Leiomyosarcoma
Pennsylvania (Conemaugh Medical Center Residents) - Leiomyosarcoma
Pennsylvania (Allegheny General Hospital) - Leiomyosarcoma
Wisconsin (Madison) - High grade sarcoma, favor leiomyosarcoma (MFH-like)
Brazil (Hospital Amaral Carvalho) - Leiomyosarcoma
Canada (Foothills Hospital, Calgary) - Vascular leiomyosarcoma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Leiomyosarcoma (3); Sarcoma, NOS (1)
Japan (Kyoto) - Leiomyosarcoma (2); Bizarre leiomyosarcoma (1)
Portugal (HSI/IPATIMUP Residents) - Pleomorphic sarcoma – probably leiomyosarcoma
Puerto Rico (San Juan) - Malignant fibrous histiocytoma
Singapore - Leiomyosarcoma (2)

DIAGNOSIS:

Pleomorphic leiomyosarcoma, forearm
T-Y8500, M-88903

REFERENCES:


Case No. 8, Accession No. 28882

Mountain View (El Camino Pathology Group) - Neurofibroma
Bakersfield - Neuroilemoma
Hayward/Fremont - Benign peripheral nerve sheath tumor (3); Malignant peripheral nerve sheath tumor (1)
Orange (UCI Medical Center Residents) - Schwannoma

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Oakland (Kaiser) - Neurofibroma (3)
Ventura (Unilab) - Neurilemmoma (2)
Santa Rosa - Schwannoma (3)
Long Beach - Schwannoma (6)
San Diego (Naval Medical Center) - Cellular Schwannoma - Schwannoma (7); Low-grade malignant peripheral nerve sheath tumor (4)
Bay Area - Schwannoma (peripheral nerve sheath tumor) (3)
Monterey Park (Garfield Medical Center) - Schwannoma
Monterey (Community Hospital of Monterey Peninsula) - Neurofibroma
Santa Clara - Schwannoma (6)
Sacramento (UC Davis) - Schwannoma
Alaska (Anchorage) - Neurofibrosarcoma (MPNST)
Florida (Tallahassee) - Schwannoma
Florida (Winter Haven Hospital) - Schwannoma
Florida (Monroe Regional Medical Center) - Plexiform neurofibroma
Georgia (Piedmont Hospital) - Schwannoma
Illinois (Dupage Pathology Associates) - Neurofibroma (2)
Illinois (Burr Ridge) - Neurotropic melanoma
Illinois (Northwestern Memorial Hospital) - Schwannoma
Iowa (University of Iowa) - Schwannoma
Kentucky (University of Kentucky Residents) - Myxoid neurofibroma
Maryland (Johns Hopkins Hospital Residents) - Neurofibroma
Maryland (National Naval Medical Center) - Cellular neurilemmoma (10); Malignant peripheral nerve sheath tumor (2)
Maryland (University of Maryland) - Schwannoma
Maryland (Woodbine) - Neurofibrosarcoma (1); Malignant peripheral nerve sheath tumor (1)
Massachusetts (Berkshire Medical Center) - Cellular Schwannoma
Michigan (St. Joseph Mercy Hospital) - Schwannoma
Michigan (Oakwood Hospital) - Cellular Schwannoma
Missouri (Truman Medical Center) - Plexiform neurofibroma
Nebraska (Omaha) - Myxoid neurofibroma
Nevada (Reno) - Neural sheath tumor
New Jersey (Overlook Hospital) - Malignant Schwannoma (1); Cellular Schwannoma (2)
New York (Northport VAMC) - Schwannoma
New York (Beth Israel Medical Center Residents) - Schwannoma
New York (SUNY Stony Brook University Hospital Residents) - Cellular Schwannoma
New York (Long Island Jewish Medical Center) - Plexiform Schwannoma with a nodule of cellular Schwannoma
North Carolina (Wake Forest University Residents) - Neurofibroma
Pennsylvania (Lehigh Valley Hospital) - Neurofibroma
Pennsylvania (Conemaugh Medical Center Residents) - Neurofibroma
Pennsylvania (Allegheny General Hospital) - Cellular schwannoma
Wisconsin (Madison) - Cellular Schwannoma
Brazil (Hospital Amaral Carvalho) - Benign peripheral nerve sheath tumor
Canada (Foothills Hospital, Calgary) - Neurilemmoma
Japan (Kawasaki Medical School Hospital, Kurashiki) - Cellular Schwannoma (4)
Japan (Kyoto) - Cellular Schwannoma (3)
Portugal (HSI/IPATIMUP Residents) - Benign peripheral nerve sheath tumor (Schwannoma)
Puerto Rico (San Juan) - Schwannoma
Singapore - Schwannoma (2)

DIAGNOSIS:

Cellular Schwannoma, groin
(Note: Not all slides showed both Antoni A and Antoni B regions... etc)
T-Y7000, M-95600
REFERENCES:

Case No. 9, Accession No. 28514

Mountain View (El Camino Pathology Group) - Melanoma of soft parts (clear cell sarcoma)
Bakersfield - Malignant peripheral nerve sheath tumor
Hayward/Fremont - Sarcoma, needs ipox (4)
Orange (UCI Medical Center Residents) - Melanoma (6); MPNST (2)
Oakland (Kaiser) - Malignant peripheral nerve sheath tumor (2); Melanoma (1)
Ventura (Unilab) - Epithelioid malignant peripheral nerve sheath tumor (2)
Santa Rosa - Synovial sarcoma (3)
Long Beach - Sarcoma (neurosarcoma)? (6)
San Diego (Naval Medical Center) - Clear cell sarcoma (10); Metastatic melanoma (1)
Bay Area - Epithelioid malignant peripheral nerve sheath tumor (1); Synovial sarcoma (1); Epithelioid sarcoma (1)
Monterey Park (Garfield Medical Center) - Clear cell sarcoma
Monterey (Community Hospital of Monterey Peninsula) - Clear cell sarcoma (melanoma soft parts)
Santa Clara - Epithelioid sarcoma (6)
Sacramento (UC Davis) - Malignant peripheral nerve sheath tumor
Alaska (Anchorage) - Clear cell sarcoma (malignant melanoma of soft parts)
Florida (Tallahassee) - Epithelioid sarcoma
Florida (Winter Haven Hospital) - Clear cell sarcoma
Florida (Munroe Regional Medical Center) - Synovial sarcoma
Georgia (Piedmont Hospital) - Epithelioid sarcoma vs. melanoma/clear cell sarcoma
Illinois (Dupage Pathology Associates) - Malignant epithelioid nerve sheath tumor (2)
Illinois (Burr Ridge) - Epithelioid sarcoma
Illinois (Northwestern Memorial Hospital) - Epithelioid malignant peripheral nerve sheath tumor
Iowa (University of Iowa) - Clear cell sarcoma
Kentucky (University of Louisville Residents) - Malignant neurofibrosarcoma (malignant Schwannoma, malignant peripheral nerve sheath tumor)
Maryland (Johns Hopkins Hospital Residents) - Favor epithelioid malignant peripheral nerve sheath tumor; (2) Clear cell sarcoma/melanoma of soft parts (3); Malignant melanoma
Maryland (National Naval Medical Center) - Clear cell sarcoma of soft parts
Maryland (University of Maryland) - Clear cell sarcoma of soft parts
Maryland (Woodbine) - Synovial sarcoma (2)
Massachusetts (Berkshire Medical Center) - Epithelioid sarcoma vs. clear cell sarcoma vs. epithelioid MPNST vs. synovial sarcoma
Michigan (St. Joseph Mercy Hospital) - Clear cell sarcoma
Michigan (Oakwood Hospital) - Epithelioid MPNST
Missouri (Truman Medical Center) - Clear cell sarcoma
Nebraska (Omaha) - Clear cell sarcoma
Nevada (Reno) - Epithelioid malignant peripheral nerve sheath tumor
New Jersey (Overlook Hospital) - Clear cell sarcoma (3)
New York (Northport VAMC) - Epithelioid MPNST
New York (Beth Israel Medical Center Residents) - Epithelioid sarcoma
New York (SUNY Stony Brook University Hospital Residents) - Clear cell sarcoma of soft parts

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New York (Long Island Jewish Medical Center) - Clear cell sarcoma
North Carolina (Wake Forest University Residents) - Epithelioid MPNST
Pennsylvania (Lehigh Valley Hospital) - Clear cell sarcoma
Pennsylvania (Conemaugh Medical Center Residents) - Clear cell sarcoma
Pennsylvania (Allegheny General Hospital) - Epithelioid sarcoma
Wisconsin (Madison) - High grade sarcoma, malignant epithelioid peripheral nerve sheath tumor vs. clear cell sarcoma
Brazil (Hospital Amaral Carvalho) - Clear cell sarcoma (melanoma of soft parts)
Canada (Foothills Hospital, Calgary) - Clear cell sarcoma of soft parts
Japan (Kawasaki Medical School Hospital, Kurashiki) - Clear cell sarcoma (3; Malignant melanoma, metastatic (1)
Japan (Kyoto) - Epithelioid sarcoma (2); MPNST (1)
Portugal (HSI/IPATIMUP Residents) - Clear cell sarcoma (soft part malignant melanoma)
Puerto Rico (San Juan) - Malignant peripheral nerve sheath tumor
Singapore - Melanoma (? of soft parts) (1); Epithelioid malignant peripheral nerve sheath tumor (1)

**DIAGNOSIS:**

**Epithelioid malignant peripheral nerve sheath tumor, leg**

(Note: Tumor was S-100 +, HMB45 -, Desmin -, CAM5.2 -)

**REFERENCES:**


**Case No. 10, Accession No. 28435**

Mountain View (El Camino Pathology Group) - Leiomyosarcoma, low grade

Bakersfield - Fibroleiomyoma

Hayward/Fremont - Dermal leiomyosarcoma (1); Dermal leiomyoma (2); AFX (1)

Orange (UCI Medical Center Residents) - Leiomyosarcoma (7); Fibrosarcoma (1)

Oakland (Kaiser) - Leiomyosarcoma (3)

Ventura (Unilab) - Cutaneous leiomyosarcoma (2)

Santa Rosa - Leiomyosarcoma (3)

Long Beach - Leiomyosarcoma (6)

San Diego (Naval Medical Center) - Leiomyosarcoma (4); Spindle cell melanoma (4); Atypical fibrous xanthoma (3)

Bay Area - Dermatofibrosarcoma protuberans (3)

Monterey Park (Garfield Medical Center) - Spindle cell squamous carcinoma

Monterey (Community Hospital of Monterey Peninsula) - Fibrosarcoma

Santa Clara - DFSP (6)

Sacramento (UC Davis) - Malignant spindle cell tumor of dermis MFH, vs. atypical fibroxanthoma vs. leiomyosarcoma pending immunostaining

Alaska (Anchorage) - Dermatofibrosarcoma protuberans

Florida (Tallahassee) - Neurofibroma

Florida (Winter Haven Hospital) - Leiomyosarcoma

Florida (Munroe Regional Medical Center) - Dermatofibrosarcoma protuberans

Georgia (Piedmont Hospital) - ? neurilemmoma, need immunos

Illinois (Dupage Pathology Associates) - Nodular fasciitis (2)

Illinois (Burr Ridge) - Leiomyosarcoma

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Illinois (Northwestern Memorial Hospital) - Dermal leiomyosarcoma
Iowa (University of Iowa) - Cutaneous leiomyosarcoma
Kentucky (University of Louisville Residents) - Atypical fibroxanthoma (superficial MFH)
Maryland (Johns Hopkins Hospital Residents) - Dermal leiomyosarcoma
Maryland (National Naval Medical Center) - Myxoid leiomyosarcoma (8); Low grade fibromyxoid tumor (2); Cutaneous myofibroblastoma (1)
Maryland (University of Maryland) - Cutaneous leiomyosarcoma
Maryland (Woodbine) - Leiomyosarcoma (2)
Massachusetts (Berkshire Medical Center) - MFH vs. leiomyosarcoma vs. melanoma
Michigan (St. Joseph Mercy Hospital) - Desmoplastic melanoma
Michigan (Oakwood Hospital) - Leiomyosarcoma, cutaneous
Missouri (Truman Medical Center) - Leiomyosarcoma
Nebraska (Omaha) - Leiomyosarcoma
Nevada (Reno) - Leiomyosarcoma
New Jersey (Overlook Hospital) - Cutaneous leiomyosarcoma (3)
New York (Northport VAMC) - Leiomyosarcoma
New York (Beth Israel Medical Center Residents) - Dermatofibroma
New York (SUNY Stony Brook University Hospital Residents) - Atypical fibroxanthoma
New York (Long Island Jewish Medical Center) - Malignant fibrous histiocytoma or atypical fibroxanthoma
North Carolina (Wake Forest University Residents) - Leiomyosarcoma
Pennsylvania (Lehigh Valley Hospital) - Neurilemmoma
Pennsylvania (Conemaugh Medical Center Residents) - Atypical fibroxanthoma
Pennsylvania (Allegheny General Hospital) - Leiomyosarcoma
Wisconsin (Madison) - Superficial malignant fibrous histiocytoma (AFX)
Brazil (Hospital Amaral Carvalho) - Leiomyosarcoma
Canada (Foothills Hospital, Calgary) - Leiomyosarcoma cutis
Japan (Kawasaki Medical School Hospital, Kurashiki) - Leiomyosarcoma (4)
Japan (Kyoto) - Atypical fibroxanthoma (1); Nodular fasciitis (1); Superficial leiomyosarcoma (1)
Portugal (HSI/IPATIMUP Residents) - Leiomyosarcoma of the dermis (borderline tumor)
Puerto Rico (San Juan) - Fibrous histiocytoma
Singapore - Neurotropic/desmoplastic melanoma (1); Cutaneous leiomyoma (1)

**DIAGNOSIS:**

Superficial leiomyosarcoma, arm
T-Y8000, M-88903

**REFERENCES:**


