SUGGESTED READING (General Topics from Recent Literature):


Case 1: Adenocarcinoma, grade I, cervix

Case 2: Polypoid adenomyoma, uterus

Case 3: Atypical (“Symplastic”) leiomyoma, uterus

Case 4: Endometrioid adenocarcinoma in a background of complex atypical hyperplasia, uterus

Case 5: Sarcoma, favor endometrial stromal sarcoma, uterus (cannot exclude adenosarcoma)

Case 6: Carcinosarcoma (MMMT), uterus

Case 7: Serous cystadenoma, ovary

Case 8: Sex cord stromal tumor, favor granulosa cell tumor (adult type)

Case 9: Steroid cell tumor ( Leydig cell tumor), ovary

Case 10: Clear cell carcinoma, ovary
Case No. 1, Accession No. 22774

March 2015

Alameda (Alameda County Medical Center) - Endocervical adenocarcinoma (6)
Glendale - Minimal deviation adenocarcinoma
Hayward/Alameda (St. Rose Hospital) - Well-differentiated carcinoma, endocervix
Long Beach (Long Beach VA Hospital) - Endocervical polyp inflamed (1); Acutely inflamed endocervical polyp (1)
Palo Alto (VA Palo Alto) - Adenocarcinoma
San Diego (Naval Medical Center Residents) - Endocervical polyp consistent with atypical tubal metaplasia
San Francisco (San Francisco General Hospital) - Adenosis, vagina
San Francisco (UCSF) - Endocervical adenocarcinoma with mucinous differentiation
Santa Barbara (Miramonte Lab) - Endocervical gland abscess
Torrence (Harbor-UCLA Medical Center) - Endocervical carcinoma in-situ
Woodland Hills (Kaiser Permanente) - Adenocarcinoma, minimal deviation
Arkansas (Associated Pathologists Laboratory) - Adenocarcinoma, cervix
Delaware (AFMES) - Endocervical adenocarcinoma
Florida (Florida Atlantic University) - Endocervical gland hyperplasia
Florida (GastroEnterology Associates of Ocala) - Endocervical polyp consistent with Aria Stella
Georgia, Atlanta - Endocervical polyp with tuboendometrial metaplasia (2)
Georgia (Wellstar Health System) - Invasive endocervical adenocarcinoma (1); Adenocarcinoma, endocervical type vs benign inflamed endocervical polyp (1); Adenocarcinoma (1)
Illinois (Heartland Regional Medical Center) - Adenocarcinoma, well-differentiated, minimal deviation
Iowa (Allen Memorial Hospital) - Adenocarcinoma, minimal deviation
Maryland (University of Maryland Medical System) - Endocervical polyp
Massachusetts (University of Massachusetts Medical Center) - Invasive adenocarcinoma, endocervical usual type
Minnesota (Fairview Ridges Hospital) - Endocervical adenocarcinoma
Mississippi (University of Mississippi Medical Center) - Inflamed endocervical polyp with tubal metaplasia (1); Ganglioneuroblastoma (1)
Nebraska (Creighton University Medical Center) - Microglandular adenosis
New York (SUNY Downstate Medical Center) - Endocervical polyp with reactive/reparative changes
New York (University of Buffalo Residents) - Mucinous adenocarcinoma, cervix (1); Endocervical mucinous adenocarcinoma (1)
Ohio (The University of Toledo Medical Center) - Endocervical polyp
Ohio, Union Town - Adenocarcinoma vs. adenoma malignum
Pennsylvania (Drexel University of College of Medicine) - Adenocarcinoma
Pennsylvania (Lehigh Valley Hospital) - Adenocarcinoma, well-differentiated
Puerto Rico (University of Puerto Rico) - Minimal deviation adenocarcinoma (adenoma malignum), rule out endocervicosis
South Carolina (Medical University of South Carolina) - Endocervical adenomyoma
Texas, Crystal Beach - Adenocarcinoma endocervical, well-differentiated
Texas, Lubbock - Endocervical glandular hyperplasia
West Virginia (Greenbrier Valley Medical Center) - Endocervical adenocarcinoma, clear cell
Australia (Royal Hobart Hospital) - Suspicious of adenoma malignum
Australia (Royal Prince Alfred Hospital) - Adenocarcinoma of cervix
Australia (St. Vincent’s Hospital) - Mucinous carcinoma
Brazil (Bahia Federal University) - Adenomyoma, endocervical type
Canada (Pasqua Hospital) - Glandular hyperplasia
Ireland (Bon Secours Hospital) - Endocervical adenocarcinoma
Ireland (Kerry General Hospital) - Atypical polypoid adenomyoma
Ireland (Mayo General Hospital) - Infiltrating endocervical adenocarcinoma
Japan (Asahi General Hospital) - Endocervical glandular hyperplasia
Case 1 - Diagnosis:

Adenocarcinoma, grade I, cervix

Case 1 - References:
PAX2 distinguishes benign mesonephric and mullerian glandular lesions of the cervix from endocervical adenocarcinoma, including minimal deviation adenocarcinoma. *Am J Surg Pathol* 2010; Feb;34(2): p137-46. Rabban JT; McAlhany S; Lerwill MF; Grenert JP; Zaloudek CJ.


Case No. 2, Accession No. 31649

Alameda (Alameda County Medical Center) - Benign endometrial polyp
Glendale - Adenocarcinoma
Hayward/Alameda (St. Rose Hospital) - Polypoid cystic atrophy
Long Beach (Long Beach VA Hospital) - Florid cystic endosalpingiosis with tumor like (1); Benign cystic mesothelioma (1)
Palo Alto (VA Palo Alto) - Serous cyst adenofibroma
San Diego (Naval Medical Center Residents) - Endometrioid adenomyoma
San Francisco (San Francisco General Hospital) - Cystic adenomyoma
San Francisco (UCSF) - Endosalpingiosis
Santa Barbara (Miramonte Lab) - Cystadenoma
Torrence (Harbor-UCLA Medical Center) - Adenomyoma
Woodland Hills (Kaiser Permanente) - Endometrial polyp
Arkansas (Associated Pathologists Laboratory) - Endometrial polyp with simple hyperplasia
Delaware (AFMES) - Cystic atrophy
Florida (Florida Atlantic University) - Endometrial polyp
Florida (GastroEnterology Associates of Ocala) - Endometrial polyp, benign cystic hyperplasia
Georgia, Atlanta - Endometrial type adenomyoma (2)
Georgia (Wellstar Health System) - Benign polyp (2); Endometrial polyp (1); Adenomyoma (1)
Illinois (Heartland Regional Medical Center) - Adenomyoma
Iowa (Allen Memorial Hospital) - Adenomyoma
Maryland (University of Maryland Medical System) - Adenomyoma
Massachusetts (University of Massachusetts Medical Center) - Florid cystic endosalpingiosis
Minnesota (Fairview Ridge Hospital) - Cystic atrophic adenomyoma
Mississippi (University of Mississippi Medical Center) - Adenomyoma (1); Pleomorphic adenoma (1)
Nebraska (Creighton University Medical Center) - Cystadenofibroma
New York (SUNY Downstate Medical Center) - Adenomyoma
New York (University of Buffalo Residents) - Adenomyoma, uterus (2)
Ohio (The University of Toledo Medical Center) - Cystic atrophic endometrial polyp
Ohio, Union Town - Endometrial polyp
Pennsylvania (Drexel University of College of Medicine) - Endometrial polyp
Pennsylvania (Lehigh Valley Hospital) - Benign endometrial polyp
Puerto Rico (University of Puerto Rico) - Adenomyoma
South Carolina (Medical University of South Carolina) - Florid cystic endosalpingiosis
Texas, Crystal Beach - Endometrial atrophy with polyp with gland dilation
Texas, Lubbock - Adenomyoma
West Virginia (Greenbrier Valley Medical Center) - Mullerian adenosarcoma
Australia (Royal Hobart Hospital) - Adenomyoma
Australia (Royal Prince Alfred Hospital) - Endometrial polyp with atypical complex hyperplasia
Australia (St. Vincent’s Hospital) - Adenofibroma
Brazil (Bahia Federal University) - Adenomyoma, endometrioid type
Canada (Pasqua Hospital) - Endometrial polyp
Ireland (Bon Secours Hospital) - Senile cystic atrophy
Ireland (Kerry General Hospital) - Adenomyoma
Japan (Asahi General Hospital) - Adenomyoma
Japan (Lions Mansion Nijyo Ekimae) - Adenomyoma
Japan (Setagaya-Ku) - Atypical hyperplasia
Oman (Khoula Hospital) - Benign endometrial polyp
Spain (CHUVI, Vigo) - Cystic adenomyosis

Case 2 - Diagnosis:
Polypoid adenomyoma, uterus

Case 2 - References:
Molecular pathology of atypical polypoid adenomyoma of the uterus. Hum Pathol 2003; Aug;34(8): p784-8.Ota S; Catasus L; Matias-Guiu X; Bussaglia E; Lagarda H; Pons C; Munoz J; Kamura T; Prat J.
Adenomyoma mimicking an aggressive uterine neoplasm on MRI.Br J Radiol 2003; Jan;76(901): p66-8.Connors AM; de Souza NM; McIndoe GA.

Case No. 3, Accession No. 26327 March 2015

Alameda (Alameda County Medical Center) - Leiomyoma with bizarre nuclei
Glendale - Symplastic leiomyoma
Hayward/Alameda (St. Rose Hospital) - Atypical leiomyoma
Long Beach (Long Beach VA Hospital) - Symplastic leiomyoma (2)
Palo Alto (VA Palo Alto) - Symplastic leiomyoma
San Diego (Naval Medical Center Residents) - High grade sarcoma
San Francisco (San Francisco General Hospital) - Symplastic leiomyoma
San Francisco (UCSF) - Cellular leiomyoma focally with bizarre nuclei
Case 3 - Diagnosis:
Atypical (“Symplastic”) leiomyoma,

Case 3 - References:
Pathologic quiz case: a 69-year-old asymptomatic man with a scrotal mass. Atypical (symplastic or bizarre) leiomyoma of the scrotum. *Arch Pathol Lab Med* 2004; Feb;128(2): pe37-8. Fadare O; Wang S; Mariappan MR.,


### Case No. 4, Accession No. 30427

**March 2015**

**Alameda (Alameda County Medical Center)** - Endometrioid adenocarcinoma, grade 1

**Glendale** - Complex endometrial hyperplasia with atypia

**Hayward/Alameda (St. Rose Hospital)** - Atypical hyperplasia with a focus of adenocarcinoma (EIN)

**Long Beach (Long Beach VA Hospital)** - Endometrioid adenocarcinoma (1); Adenocarcinoma (1)

**Palo Alto (VA Palo Alto)** - Endometrioid adenocarcinoma, FIGO, Grade 1

**San Diego (Naval Medical Center Residents)** - Endometrioid type endometrial adenocarcinoma, FIGO, Grade 1

**San Francisco (San Francisco General Hospital)** - Atypical polypoid adenoma

**San Francisco (UCSF)** - Endometrioid adenocarcinoma, grade 1, noninvasive

**Santa Barbara (Miramonte Lab)** - Papillary carcinoma

**Torrance (Harbor-UCLA Medical Center)** - Endometrioid adenocarcinoma, endometrioid type, FIGO, grade 1

**Woodland Hills (Kaiser Permanente)** - Endometrioid adenocarcinoma, FIGO, grade 1

**Arkansas (Associated Pathologists Laboratory)** - Adenocarcinoma endometrium

**Delaware (AFMES)** - Well-differentiated endometrioid adenocarcinoma arising in CAH

**Florida (Florida Atlantic University)** - Atypical adenomatous hyperplasia in an endometrial polyp

**Florida (GastroEnterology Associates of Ocala)** - Adenocarcinoma, well-differentiated

**Georgia, Atlanta** - Endometrial carcinoma, endometrioid type (2)

**Georgia (Wellstar Health System)** - Endometrioid adenocarcinoma (4)

**Illinois (Heartland Regional Medical Center)** - Endometrioid adenocarcinoma

**Iowa (Allen Memorial Hospital)** - Endometrioid adenocarcinoma

**Maryland (University of Maryland Medical System)** - Endometrioid adenocarcinoma, FIGO, grade 1

**Massachusetts (University of Massachusetts Medical Center)** - Endometrial adenocarcinoma, endometrioid type FIGO I

**Minnesota (Fairview Ridges Hospital)** - Well-differentiated endometrioid adenocarcinoma

**Mississippi (University of Mississippi Medical Center)** - Endometrioid adenocarcinoma, endometrioid type, FIGO 1, arising in a polyp (1); Immature teratoma (1)

**Nebraska (Creighton University Medical Center)** - Endometrioid adenocarcinoma

**New York (SUNY Downstate Medical Center)** - Endometrioid endometrial adenocarcinoma, FIGO, grade 1

**New York (University of Buffalo Residents)** - Endometrioid adenocarcinoma, uterus (1); Well-differentiated adenocarcinoma and adenomyosis (1)

**Ohio (The University of Toledo Medical Center)** - Endometrioid adenocarcinoma arising from a polyp

**Ohio, Union Town** - Complex hyperplasia

**Pennsylvania (Drexel University of College of Medicine)** - Endometrioid adenocarcinoma, FIGO 1

**Pennsylvania (Lehigh Valley Hospital)** - Minimally invasive adenocarcinoma

**Puerto Rico (University of Puerto Rico)** - Endometrioid adenocarcinoma of uterus with background of atypia (endometrial hyperplasia)

**South Carolina (Medical University of South Carolina)** - Endometrioid adenocarcinoma in a background of complex atypical hyperplasia

**Texas, Crystal Beach** - Endometrial adenocarcinoma
Case 4 - Diagnosis:
Endometrioid adenocarcinoma in a background of complex atypical hyperplasia

Case 4 - References:
Complex hyperplasia with and without atypia: clinical outcomes and implications of progestin therapy. Obstet Gynecol 2010; Aug;116(2 Pt 1): p365-73. Reed SD; Newton KM; Garcia RL; Allison KH; Voigt LF; Jordan CD; Epplein M; Swisher E; Upson K, et al.

Case No. 5, Accession No. 29908

Alameda (Alameda County Medical Center) - Adenosarcoma
Glendale - Adenosarcoma
Hayward/Alameda (St. Rose Hospital) - Endometrial stromal sarcoma
Long Beach (Long Beach VA Hospital) - Adenosarcoma (2)
Palo Alto (VA Palo Alto) - Leiomyosarcoma
San Diego (Naval Medical Center Residents) - Adenosarcoma
San Francisco (San Francisco General Hospital) - Adenosarcoma
San Francisco (UCSF) - Leiomyosarcoma
Santa Barbara (Miramonte Lab) - Stromal sarcoma
Torrence (Harbor-UCLA Medical Center) - Adenosarcoma
Woodland Hills (Kaiser Permanente) - Mullerian adenosarcoma
Arkansas (Associated Pathologists Laboratory) - Endometrial stromal sarcoma, low grade
Delaware (AFMES) - Myxoid leiomyosarcoma
Florida (Florida Atlantic University) - Combined smooth muscle stroma tumor
Florida (GastroEnterology Associates of Ocala) - Endometrial stromal sarcoma
Georgia, Atlanta - Adenosarcoma (2)
Georgia (Wellstar Health System) - Adenosarcoma (1); Endometrial stromal sarcoma (3)
Illinois (Heartland Regional Medical Center) - Adenosarcoma
Iowa (Allen Memorial Hospital) - Adenosarcoma
Maryland (University of Maryland Medical System) - Adenosarcoma
Massachusetts (University of Massachusetts Medical Center) - Adenosarcoma
Minnesota (Fairview Ridges Hospital) - Mullerian adenosarcoma
Mississippi (University of Mississippi Medical Center) - Stromomyoma (1); Reactive follicular change consistent with lithium effect (1)
Nebraska (Creighton University Medical Center) - Adenosarcoma
New York (SUNY Downstate Medical Center) - Mullerian adenosarcoma
New York (University of Buffalo Residents) - Adenosarcoma, uterus (2)
Ohio (The University of Toledo Medical Center) - Mullerian adenosarcoma
Ohio, Union Town - Adenosarcoma
Pennsylvania (Drexel University of College of Medicine) - Leiomyosarcoma
Pennsylvania (Lehigh Valley Hospital) - Adenosarcoma
Puerto Rico (University of Puerto Rico) - Mullerian adenosarcoma with stromal overgrowth
South Carolina (Medical University of South Carolina) - Myxoid leiomyosarcoma
Texas, Crystal Beach - Stromal sarcoma
Texas, Lubbock - Leiomyosarcoma
West Virginia (Greenbrier Valley Medical Center) - Endometrial stromal sarcoma
Australia (Royal Hobart Hospital) - Adenosarcoma
Australia (Royal Prince Alfred Hospital) - Leiomyosarcoma
Australia (St. Vincent’s Hospital) - High grade endometrial stromal sarcoma
Brazil (Bahia Federal University) - Leiomyosarcoma, myxoid type
Canada (Pasqua Hospital) - Myxoid leiomyosarcoma
Ireland (Bon Secours Hospital) - Low grade endometrial stromal sarcoma
Ireland (Kerry General Hospital) - Adenosarcoma
Ireland (Mayo General Hospital) - Epithelioid leiomyosarcoma
Japan (Asahi General Hospital) - Low grade endometrial stromal sarcoma
Japan (Lions Mansion Nijyo Ekimae) - Myxoid and epithelioid leiomyoma
Japan (Setagaya-Ku) - Endometrial stromal sarcoma
Oman (Khoula Hospital) - Leiomyosarcoma
Spain (CHUVI, Vigo) - Low grade endometrial stroma sarcoma

**Case 5 - Diagnosis:**
Sarcoma, favor endometrial stromal sarcoma, uterus (cannot exclude adenosarcoma)

**Case 5 - References:**
Chew I; Oliva E.
Alameda (Alameda County Medical Center) - Poorly differentiated malignant neoplasm, favor high grade endometrial stromal sarcoma
Glendale - Undifferentiated endometrial carcinoma
Hayward/Alameda (St. Rose Hospital) - Poorly differentiated carcinoma with sarcomatoid stroma
Long Beach (Long Beach VA Hospital) - Carcinosarcoma (MMMT) (2)
Palo Alto (VA Palo Alto) - Carcinosarcoma (MMMT)
San Diego (Naval Medical Center Residents) - Carcinosarcoma
San Francisco (San Francisco General Hospital) - Sarcoma
San Francisco (UCSF) - Dedifferentiated endometrioid carcinoma
Santa Barbara (Miramonte Lab) - Malignant mixed mullerian tumor
Torrence (Harbor-UCLA Medical Center) - Undifferentiated endometrial carcinoma
Woodland Hills (Kaiser Permanente) - Malignant mixed Mullerian tumor
Arkansas (Associated Pathologists Laboratory) - Malignant mixed mesodermal tumor
Delaware (AFMES) - Malignant mixed mesodermal tumor
Florida (Florida Atlantic University) - Carcinosarcoma
Florida (GastroEnterology Associates of Ocala) - Undifferentiated carcinoma
Georgia, Atlanta - Malignant mixed mullerian tumor (2)
Georgia (Wellstar Health System) - Malignant mixed mullerian tumor (2); Carcinosarcoma (2)
Illinois (Heartland Regional Medical Center) - Carcinosarcoma (MMMT)
Iowa (Allen Memorial Hospital) - Malignant mixed mullerian tumor
Maryland (University of Maryland Medical System) - Carcinosarcoma
Massachusetts (University of Massachusetts Medical Center) - Malignant mixed mullerian tumor (carcinosarcoma)
Minnesota (Fairview Ridges Hospital) - Carcinosarcoma
Mississippi (University of Mississippi Medical Center) - Carcinosarcoma (1); Papillary carcinoma (1)
Nebraska (Creighton University Medical Center) - Carcinosarcoma
New York (SUNY Downstate Medical Center) - Carcinosarcoma
New York (University of Buffalo Residents) - MMTT with heterologous elements, uterus (2)
Ohio (The University of Toledo Medical Center) - Carcinosarcoma
Ohio, Union Town - Carcinosarcoma
Pennsylvania (Drexel University of College of Medicine) - Endometrial stromal sarcoma
Pennsylvania (Lehigh Valley Hospital) - Small cell carcinoma of endometrium
Puerto Rico (University of Puerto Rico) - Carcinosarcoma
South Carolina (Medical University of South Carolina) - Carcinosarcoma
Texas, Crystal Beach - Lymphoma
Texas, Lubbock - Carcinosarcoma
West Virginia (Greenbrier Valley Medical Center) - Mixed mullerian carcinoma
Australia (Royal Hobart Hospital) - Carcinosarcoma (mullerian mixed tumor)
Australia (Royal Prince Alfred Hospital) - Carcinosarcoma
Australia (St. Vincent’s Hospital) - Undifferentiated carcinoma
Brazil (Bahia Federal University) - Mixed malignant mullerian tumor
Canada (Pasqua Hospital) - Malignant mixed mullerian tumor
Ireland (Bon Secours Hospital) - Malignant mixed mullerian tumor
Ireland (Kerry General Hospital) - Malignant mixed mullerian tumor
Ireland (Mayo General Hospital) - Endometrial stromal sarcoma
Japan (Asahi General Hospital) - Endometrial stromal sarcoma
Japan (Lions Mansion Nijyo Ekimae) - Leiomyosarcoma
Japan (Setagaya-Ku) - Mucinous adenocarcinoma
Oman (Khoula Hospital) - Carcinosarcoma
Spain (CHUVI, Vigo) - Carcinosarcoma

**Case 6 - Diagnosis:**
Carcinosarcoma (MMMT), uterus

**Case 6 - References:**
Malignant mixed mullerian tumor with malignant neuroectodermal components (teratoid carcinosarcoma) of the ovary:

**Case No. 7, Accession No. 31549 March 2015**

Alameda (Alameda County Medical Center) - Serous cystadenoma
Glendale - Cystadenoma
Hayward/Alameda (St. Rose Hospital) - Unilocular gonadal stromal tumor consistent with granulosa cell tumor
Long Beach (Long Beach VA Hospital) - Serous cystadenoma
Palo Alto (VA Palo Alto) - Serous cystadenoma
San Diego (Naval Medical Center Residents) - Serous cystadenoma
San Francisco (San Francisco General Hospital) - Simple cyst
San Francisco (UCSF) - Serous cystadenoma with granulomatous inflammation
Santa Barbara (Miramonte Lab) - Serous cystadenoma
Torrence (Harbor-UCLA Medical Center) - Serous cystadenoma
Woodland Hills (Kaiser Permanente) - Serous cystadenoma
Arkansas (Associated Pathologists Laboratory) - Serous cystadenoma
Delaware (AFMES) - Serous cystadenoma
Florida (Florida Atlantic University) - Serous cyst of the ovary
Florida (GastroEnterology Associates of Ocala) - Serous cystadenoma
Georgia, Atlanta - Serous cystadenoma
Georgia (Wellstar Health System) - Benign simple cyst (1); Serous cystadenoma (3)
Illinois (Heartland Regional Medical Center) - Unilocular serous cystadenoma
Iowa (Allen Memorial Hospital) - Serous cystadenoma
Maryland (University of Maryland Medical System) - Cystadenoma/benign simple cyst
Massachusetts (University of Massachusetts Medical Center) - Serous cystadenoma
Minnesota (Fairview Ridges Hospital) - Mesothelial cyst
Mississippi (University of Mississippi Medical Center) - Serous cystadenoma (1); Follicular neoplasm (1)
Nebraska (Creighton University Medical Center) - Serous cystadenoma
New York (SUNY Downstate Medical Center) - Serous cystadenoma
New York (University of Buffalo Residents) - Serous cystadenoma, ovary (2)
Ohio (The University of Toledo Medical Center) - Serous cystadenoma
Ohio, Union Town - Serous cystadenoma
Pennsylvania (Drexel University of College of Medicine) - Serous cystadenoma
Pennsylvania (Lehigh Valley Hospital) - Benign serous cystadenoma
Puerto Rico (University of Puerto Rico) - Rete cyst/retroperitoneal cyst
South Carolina (Medical University of South Carolina) - Serous cystadenoma
Texas, Crystal Beach - Serous cyst
Texas, Lubbock - Serous cystadenofibroma
West Virginia (Greenbrier Valley Medical Center) - Simple cyst
Australia (Royal Hobart Hospital) - Simple cyst, probable mesothelial inclusion cyst
Australia (Royal Prince Alfred Hospital) - Benign serous cystadenoma
Australia (St. Vincent's Hospital) - Serous cystadenoma
Brazil (Bahia Federal University) - Cystic lesion, rule out struma ovari
Canada (Pasqua Hospital) - Peritoneal inclusion cyst
Ireland (Bon Secours Hospital) - Serous cystadenoma
Ireland (Kerry General Hospital) - Serous cystadenoma
Ireland (Mayo General Hospital) - Serous cystadenoma of ovary
Japan (Asahi General Hospital) - Serous cystadenoma
Japan (Lions Mansion Nijyo Ekimae) - Serous cystadenoma
Japan (Setagaya-Ku) - Serous cyst
Oman (Khoula Hospital) - Benign serous cystadenoma
Spain (CHUVI, Vigo) - Serous cystadenoma and cortical granulomas

Case 7 - Diagnosis:
Serous cystadenoma, ovary

Case 7 - References:
Benign ovarian serous tumors: a re-evaluation and proposed reclassification of serous "cystadenomas" and "cystadenofibromas" Gynecol Oncol 2005; Feb;96(2): p395-401. Seidman JD; Mehrotra A.
Papillary serous cystadenofibroma of the ovary--is it really so rare? Int J Gynaecol Obstet 2001; Oct;75(1): p85-6. Fatum M; Rojansky N; Shushan A.
Primary leiomyoma of the ovary co-existing with serous cystadenofibroma. APMIS 2005; Feb;113(2): p145-7. Eren F; Akpulat S; Gokaslan H.

Case No. 8, Accession No. 29056

Alameda (Alameda County Medical Center) - Sex cord tumor, consistent with sclerosing stromal tumor
Glendale - Female adnexal tumor of Wolffian origin
Hayward/Alameda (St. Rose Hospital) - Carcinosarcoma with melanotic element
Long Beach (Long Beach VA Hospital) - Sertoli leydig cell tumor (1); Mixed sex cord stromal tumor (1)
Palo Alto (VA Palo Alto) - Sertoli-leydig cell tumor
San Diego (Naval Medical Center Residents) - Sertoli-leydig cell tumor
San Francisco (San Francisco General Hospital) - Desmoplastic plastic small round cell tumor
San Francisco (UCSF) - Sertoli leydig cell tumor, intermediate to poor differentiation
Santa Barbara (Miramonte Lab) - Sertoli leydig tumor
Torrence (Harbor-UCLA Medical Center) - Juvenile granulosa cell tumor
Woodland Hills (Kaiser Permanente) - Adult granulosa cell tumor

March 2015
Arkansas (Associated Pathologists Laboratory) - Sertoli leydig cell tumor, intermediate differentiation
Delaware (AFMES) - Poorly differentiated sertoli leydig cell tumor
Florida (Florida Atlantic University) - Juvenile granulosa cell tumor
Florida (GastroEnterology Associates of Ocala) - Adult granulosa cell tumor
Georgia, Atlanta - Sertoli leydig cell tumor (2)
Georgia (Wellstar Health System) - Yolk sac tumor (3); Sertoli cell tumor (1)
Illinois (Heartland Regional Medical Center) - Sex cord stromal tumor, favor granulosa cell tumor (adult type)
Iowa (Allen Memorial Hospital) - Juvenile granulosa cell tumor
Maryland (University of Maryland Medical System) - Sertoli-leydig cell tumor, intermediate differentiation
Massachusetts (University of Massachusetts Medical Center) - Sertoli-leydig cell tumor, intermediate type
Minnesota (Fairview Ridges Hospital) - Small cell undifferentiated carcinoma
Mississippi (University of Mississippi Medical Center) - Adult granulosa cell tumor (1); Hurthle cell neoplasm (1)
Nebraska (Creighton University Medical Center) - Sertoli-leydig cell tumor
New York (SUNY Downstate Medical Center) - Sertoli leydig cell tumor
New York (University of Buffalo Residents) - Sertoli leydig cell tumor, ovary (2)
Ohio (The University of Toledo Medical Center) - Sertoli leydig cell tumor
Ohio, Union Town - Juvenile granulosa cell tumor
Pennsylvania (Drexel University of College of Medicine) - Yolk sac tumor
Pennsylvania (Lehigh Valley Hospital) - Juvenile granulosa cell tumor
Puerto Rico (University of Puerto Rico) - Granulosa cell tumor
South Carolina (Medical University of South Carolina) - Sertoli-leydig cell tumor
Texas, Crystal Beach - Adenocarcinoma, ovary
Texas, Lubbock - Sertoli-leydig cell tumor
West Virginia (Greenbrier Valley Medical Center) - Juvenile granulosa cell tumor
Australia (Royal Hobart Hospital) - Adult granulosa cell tumor
Australia (Royal Prince Alfred Hospital) - Sertoli-leydig tumor
Australia (St. Vincent’s Hospital) - Sertoli-leydig cell tumor, moderately differentiated
Brazil (Bahia Federal University) - Sertoli-leydig cell tumor
Canada (Pasqua Hospital) - Sertoli-leydig tumor
Ireland (Bon Secours Hospital) - Sertoli-leydig tumor
Ireland (Kerry General Hospital) - Adult granulosa cell tumor
Ireland (Mayo General Hospital) - Sertoli-leydig cell tumor (Meyer’s type 3)
Japan (Asahi General Hospital) - Adult granulosa cell tumor
Japan (Lions Mansion Nijyo Ekimae) - Sex cord stromal tumor
Japan (Setagaya-Ku) - Massive adenoma
Oman (Khoula Hospital) - Sertoli-leydig cell tumor, moderately differentiated
Spain (CHUVI, Vigo) - Sertoli-leydig cell tumor

Case 8 - Diagnosis:
Sex cord stromal tumor, favor granulosa cell tumor (adult type)

Case 8 - References:
Shabaik A.

Azad K; Khunger JM.

**Case No. 9, Accession No. 26349**

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<td>Steroid cell tumor</td>
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<tr>
<td>New York (SUNY Downstate Medical Center)</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>New York (University of Buffalo Residents)</td>
<td>Leydig/hilar cell tumor, ovary (1); Steroid cell tumor, NOS (1)</td>
</tr>
<tr>
<td>Ohio (The University of Toledo Medical Center)</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Ohio, Union Town</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Pennsylvania (Drexel University of College of Medicine)</td>
<td>Steroid cell tumor (leydig cell tumor)</td>
</tr>
<tr>
<td>Pennsylvania (Lehigh Valley Hospital)</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Puerto Rico (University of Puerto Rico)</td>
<td>Steroid cell tumor</td>
</tr>
<tr>
<td>South Carolina (Medical University of South Carolina)</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Texas, Crystal Beach</td>
<td>Steroid cell tumor</td>
</tr>
<tr>
<td>Texas, Lubbock</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Texas, Lubbock</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Texas, Lubbock</td>
<td>Arrhenoblastoma</td>
</tr>
<tr>
<td>West Virginia (Greenbrier Valley Medical Center)</td>
<td>Arrhenoblastoma</td>
</tr>
<tr>
<td>Australia (Royal Hobart Hospital)</td>
<td>Steroid cell tumor, NOS</td>
</tr>
<tr>
<td>Australia (Royal Prince Alfred Hospital)</td>
<td>Leydig cell tumor</td>
</tr>
<tr>
<td>Australia (St. Vincent's Hospital)</td>
<td>Steroid cell tumor</td>
</tr>
<tr>
<td>Brazil (Bahia Federal University)</td>
<td>Leydig cell tumor, hilar-type</td>
</tr>
<tr>
<td>Canada (Pasqua Hospital)</td>
<td>Leydig cell tumor</td>
</tr>
</tbody>
</table>
Ireland (Bon Secours Hospital) - Leydig cell tumor
Ireland (Kerry General Hospital) - Leydig cell tumor
Ireland (Mayo General Hospital) - Lipoid (steroid) cell tumor of ovary
Japan (Asahi General Hospital) - Leydig cell tumor
Japan (Lions Mansion Nijyo Ekimae) - Leydig cell tumor
Japan (Setagaya-Ku) - Steroid cell tumor
Oman (Khouda Hospital) - Leydig cell tumor
Spain (CHUVI, Vigo) - Steroid cell tumor

**Case 9 - Diagnosis:**
Steroid cell tumor (leydig cell tumor), ovary

Case 9 - References:

**Case No. 10, Accession No. 24317**

Alameda (Alameda County Medical Center) - Clear cell carcinoma
Glendale - Clear cell carcinoma
Hayward/Alameda (St. Rose Hospital) - Clear cell carcinoma
Long Beach (Long Beach VA Hospital) - Clear cell carcinoma (1); High grade clear cell carcinoma (1)
Palo Alto (VA Palo Alto) - Clear cell carcinoma
San Diego (Naval Medical Center Residents) - Clear cell adenocarcinoma
San Francisco (San Francisco General Hospital) - Clear cell carcinoma
San Francisco (UCSF) - Clear cell carcinoma
Santa Barbara (Miramonte Lab) - Clear cell carcinoma
Torrence (Harbor-UCLA Medical Center) - Germ cell tumor/yolk sac tumor
Woodland Hills (Kaiser Permanente) - Clear cell carcinoma
Arkansas (Associated Pathologists Laboratory) - Germ cell tumor, NOS
Delaware (AFMES) - Clear cell carcinoma
Florida (Florida Atlantic University) - Clear cell carcinoma
Florida (GastroEnterology Associates of Ocala) - Dysgerminoma
Georgia, Atlanta - Clear cell carcinoma (2)
Georgia (Wellstar Health System) - Clear cell carcinoma vs. papillary serous carcinoma (1); Clear cell carcinoma (2); Serous papillary carcinoma (1)
Illinois (Heartland Regional Medical Center) - Adenocarcinoma, clear cell type
Iowa (Allen Memorial Hospital) - Clear cell carcinoma
Maryland (University of Maryland Medical System) - Clear cell adenocarcinoma
Massachusetts (University of Massachusetts Medical Center) - Clear cell carcinoma
Minnesota (Fairview Ridges Hospital) - Clear cell carcinoma
Mississippi (University of Mississippi Medical Center) - Dysgerminoma (1); Undifferentiated carcinoma (1)
Nebraska (Creighton University Medical Center) - Clear cell carcinoma
New York (SUNY Downstate Medical Center) - Clear cell carcinoma
New York (University of Buffalo Residents) - Adult granulosa cell tumor, ovary (2)
Ohio (The University of Toledo Medical Center) - Clear cell carcinoma
Ohio, Union Town - Yolk sac tumor
Pennsylvania (Drexel University of College of Medicine) - Clear cell carcinoma
Pennsylvania (Lehigh Valley Hospital) - Choriocarcinoma
Puerto Rico (University of Puerto Rico) - Yolk sac tumor
South Carolina (Medical University of South Carolina) - Clear cell carcinoma
Texas, Crystal Beach - Clear cell carcinoma
Texas, Lubbock - Clear cell carcinoma
West Virginia (Greenbrier Valley Medical Center) - Yolk sac tumor
Australia (Royal Hobart Hospital) - Clear cell carcinoma
Australia (Royal Prince Alfred Hospital) - Clear cell carcinoma
Australia (St. Vincent’s Hospital) - Clear cell carcinoma
Brazil (Bahia Federal University) - Clear cell carcinoma
Canada (Pasqua Hospital) - Clear cell carcinoma
Ireland (Bon Secours Hospital) - Clear cell carcinoma
Ireland (Kerry General Hospital) - Clear cell carcinoma
Ireland (Mayo General Hospital) - Clear cell carcinoma of ovary
Japan (Asahi General Hospital) - Clear cell carcinoma
Japan (Lions Mansion Nijo Ekiema) - Clear cell carcinoma
Japan (Setagaya-Ku) - Clear cell adenocarcinoma
Oman (Khoula Hospital) - Clear cell carcinoma
Spain (CHUVI, Vigo) - Yolk sac tumor

**Case 10 - Diagnosis:**
Clear cell carcinoma, ovary

**Case 10 - References:**
Clear cell cancer of the ovary. *Curr Opin Oncol* 2013; Sep;25(5): p553-7. Penson RT; Dizon DS; Birrer MJ.
Clear cell carcinoma of the ovary: a review of the literature. *Gynecol Oncol* 2012; Sep;126(3): p481-90. del Carmen MG; Birrer M; Schorge JO.