

**California Tumor Tissue Registry's
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"Tumors of the Ovary"

Case 1:

A 52 y/o gravida 5, para 5, was admitted for a palpable abdominal mass. The ovarian mass was 20 x 11 x 10 cm, and weighed 1100 grams. The cut surface was bright yellow with small scattered areas of hemorrhage. No necrosis was seen.

Santa Barbara (Miramonte Laboratory) - Benign stromal tumor

Woodland Hills (Kaiser Permanente) - Granulosa cell tumor

Arkansas (The Lab of Path, PA) - Thecoma

Georgia, Atlanta - Sertoli-Leydig cell tumor

Illinois, Oak Brook - Fibrothecoma

Kansas (Peterson Laboratory Services) - Fibrothecoma with sex cord elements

Maryland, Baltimore - Favor thecoma with focal sertoliform tubules

Michigan (Detroit Medical Center) - Thecoma

New Mexico, Albuquerque - Fibrothecoma

Texas, Victoria - Cellular thecoma-fibroma

Hong Kong (Hong Kong Pathology Laboratory) - Sex cord stromal tumor (Sertoli cell tumor)

India, Kochi - Thecoma of ovary

Dx: Thecoma/Fibrothecoma, ovary

Ovarian thecoma: clinicopathological analysis of 50 cases.

Ann Diagn Pathol 2008 Feb;12(1): p12-6

Nocito AL; Sarancone S; Bacchi C; Tellez T

Ovarian thecoma with androgenic manifestations in a postmenopausal woman.

Gynecol Endocrinol 2006 Jul;22(7): p405-8

Siekierska-Hellmann M; Sworczak K; Babinska A; Wojtylak S

Ossifying luteinized thecoma of the ovary.

Arch Gynecol Obstet 2003 Jan;267(3): p167-9

Morizane M; Ohara N; Mori T; Murao S

Ovarian fibrothecoma: a benign neoplasm with potential adverse consequences.

J Obstet Gynaecol 2003 Nov;23(6): p677-8

Elghorori MR; Al-Taher H; Redwood NF

Incidence, clinical analysis, and management of ovarian fibromas and fibrothecomas.

Am J Obstet Gynecol 2008 Nov;199(5): p473.e1-4

Chechia A; Attia L; Temime RB; Makhoulouf T; Koubaa A

Ovarian spindle cell lesions: a review with emphasis on recent developments and differential diagnosis.
Adv Anat Pathol 2007 Sep;14(5): p305-19
Irving JA; McCluggage WG

Case 2

A 28 y/o woman developed a 7 cm mass in an ovary. No other history. Case seen by Dr. Robert Young.

Santa Barbara (Miramonte Laboratory) - Benign stromal tumor
Woodland Hills (Kaiser Permanente) - Small cell carcinoma, hypercalcemic type
Arkansas (The Lab of Path, PA) - Sclerosing stromal tumor
Georgia, Atlanta - Sclerosing stromal tumor
Illinois, Oak Brook - Sclerosing stromal tumor
Kansas (Peterson Laboratory Services) - Sclerosing stromal tumor
Maryland, Baltimore - Sclerosing stromal tumor
Michigan (Detroit Medical Center) - Sclerosing stromal tumor
New Mexico, Albuquerque - Sclerosing stromal tumor
Texas, Victoria - Sclerosing stromal tumor
Hong Kong (Hong Kong Pathology Laboratory) - Sclerosing stromal tumor
India, Kochi - Sclerosing stromal tumor of ovary

Dx: Sclerosing stromal tumor, ovary

The morphologic and immunohistochemical spectrum of 16 cases of sclerosing stromal tumor of the ovary.
Indian J Pathol Microbiol 2010 Oct-Dec;53(4): p658-60
Qureshi A; Raza A; Kayani N

Sclerosing stromal tumor: an important differential diagnosis of ovarian neoplasms in childhood and adolescence.
Pediatr Dev Pathol 2009 Sep-Oct;12(5): p366-70
Gwin K; Marino-Enriquez A; Martel M; Reyes-Mugica M

Study of an ovarian sclerosing stromal tumor presenting as vaginal bleeding in a 7-month-old.
Pediatr Dev Pathol 2008 Jul-Aug;11(4): p300-4
Hall OR; Pascasio JM; Morrissette JJ; Newton C; Schwartz MZ; de Chadarevian JP

Tumor imprint cytology of sclerosing stromal tumor of the ovary.
Diagn Cytopathol 2003 Jan;28(1): p54-7
Mikami M; Fukuchi T; Takehara K; Komiyama S; Suzuki A; Hirose T

Sclerosing stromal tumour of ovary--a clinicopathological and immunohistochemical study of five cases.
Indian J Pathol Microbiol 2004 Jul;47(3): p333-5
Mathur SR; Dahiya S; Nayak A; Bhatla N; Singh MK

Sclerosing stromal tumour of the ovary--a clinicopathologic spectrum.

Indian J Pathol Microbiol 2005 Jul;48(3): p370-2
Pai RR; Shaktawat SS; Khadilkar UN; Lobo FD; Rao VS; Philipose R

Case 3

A 13 y/o girl was admitted for severe abdominal pain for two days. It was preceded by vague abdominal pain and frequent urination. Menarche had occurred two years before.

Santa Barbara (Miramonte Laboratory) - Juvenile granulosa cell tumor
Woodland Hills (Kaiser Permanente) - Dysgerminoma
Arkansas (The Lab of Path, PA) - Dysgerminoma and yolk sac tumor
Georgia, Atlanta - Dysgermioma
Illinois, Oak Brook - Yolk sac tumor
Kansas (Peterson Laboratory Services) - Mixed germ cell tumor, yolk sac and dysgerminoma
Maryland, Baltimore - Mixed germ cell tumor with yolk sac tumor and dysgerminoma
Michigan (Detroit Medical Center) - Germ cell tumor
New Mexico, Albuquerque - Dysgerminoma
Texas, Victoria - Mixed germ cell tumor (yolk sac tumor, dysgerminoma)
Hong Kong (Hong Kong Pathology Laboratory) - Yolk sac tumor
India, Kochi - Dysgerminoma and yolk sac tumor

Dx: Dysgerminoma & Yolk sac tumor, ovary

OCT4: a novel biomarker for dysgerminoma of the ovary.
Am J Surg Pathol 2004 Oct;28(10): p1341-6
Cheng L; Thomas A; Roth LM; Zheng W; Michael H; Karim FW

Cytokeratin and CD30 expression in dysgerminoma.
Hum Pathol 2006 Aug;37(8): p1015-21
Cossu-Rocca P; Jones TD; Roth LM; Eble JN; Zheng W; Karim FW; Cheng L

Yolk sac tumor of childhood: diagnosis on fine needle aspiration biopsy.
Acta Cytol 2005 Nov-Dec;49(6): p697-8
Afroz N; Khan N; Chana RS

Yolk sac tumours of the ovary: evaluation of clinicopathological features and prognostic factors.
Eur J Obstet Gynecol Reprod Biol 2009 Oct;146(2): p210-4
Cicin I; Saip P; Guney N; Eralp Y; Ayan I; Kebudi R; Topuz E

KIT gene mutation and amplification in dysgerminoma of the ovary.
Cancer 2011 May 15;117(10): p2096-103
Cheng L; Roth LM; Zhang S; Wang M; Morton MJ; Zheng W; Abdul Karim FW; Montironi R; Lopez-Beltran A

Case 4

A 38 y/o woman had a 2 month history of irregular vaginal bleeding. She noticed increased abdominal girth. Ultrasound disclosed a complex right adnexal tumor, 8 cm in diameter.

Santa Barbara (Miramonte Laboratory) - Granulosa cell tumor
Woodland Hills (Kaiser Permanente) - Hepatoid carcinoma
Arkansas (The Lab of Path, PA) - Juvenile granulosa cell tumor
Georgia, Atlanta - Carcinoid tumor
Illinois, Oak Brook - Juvenile granulosa cell tumor
Kansas (Peterson Laboratory Services) - Granulosa cell tumor, juvenile
Maryland, Baltimore - Juvenile granulosa cell tumor
Michigan (Detroit Medical Center) - Juvenile granulosa
New Mexico, Albuquerque - Juvenile granulosa cell tumor
Texas, Victoria - Juvenile granulosa cell tumor
Hong Kong (Hong Kong Pathology Laboratory) - Atypical carcinoid tumor
India, Kochi - Juvenile granulosa cell tumor

Dx: Juvenile granulosa cell tumor, ovary

Juvenile granulosa cell tumor of the ovary: imprint cytology findings.

Acta Cytol 2002 Nov-Dec;46(6): p1173-5
Shintaku M; Sangawa A; Matsumoto T; Ohtsuka K

Retroperitoneal nodal metastasis in primary and recurrent granulosa cell tumors of the ovary.

Gynecol Oncol 2006 Oct;103(1): p31-4
Abu-Rustum NR; Restivo A; Ivy J; Soslow R; Sabbatini P; Sonoda Y; Barakat RR; Chi DS

Cytologic features of granulosa cell tumors in fluids and fine needle aspiration specimens.

Acta Cytol 2004 May-Jun;48(3): p315-20
Lal A; Bourtsos EP; Nayar R; De Frias DV

Juvenile granulosa cell tumour with hepatocyte-like cells and raised serum alpha-fetoprotein.

Histopathology 2010 Oct;57(4): p637-41
Smith R; Moss J; Shore I; El-Bahrawy MA

Juvenile granulosa and theca cell tumor of the ovary as a rare cause of precocious puberty: case report and review of literature.

J Pediatr Adolesc Gynecol 2010 Aug;23(4): p127-31
Fleming NA; de Nanassy J; Lawrence S; Black AY

Androgenic juvenile granulosa cell tumor of the ovary with cystic presentation: a case report.

Eur J Gynaecol Oncol 2007;28(3): p236-8
Nomelini RS; Micheletti AM; Adad SJ; Murta EF

Case 5

A 62 y/o woman had a one year history of recurrent leg swelling. During evaluation, an ultrasound showed a 6.0 cm mass. An IVP barium enema and chest x-ray were negative. A total abdominal hysterectomy was performed.

Keratin cocktail – positive
S-100 – scattered positivity
CAM 5.2 – scattered positivity
EMA – negative
Actin – negative
Vimentin – strongly positive

Santa Barbara (Miramonte Laboratory) - Granulosa cell tumor
Woodland Hills (Kaiser Permanente) - Granulosa
Arkansas (The Lab of Path, PA) - Granulosa cell tumor
Georgia, Atlanta - Adult granulosa cell tumor
Illinois, Oak Brook - Adult granulosa cell tumor
Kansas (Peterson Laboratory Services) - Granulosa cell tumor, adult
Maryland, Baltimore - Adult granulosa cell tumor
Michigan (Detroit Medical Center) - Adult granulosa
New Mexico, Albuquerque - Adult granulosa cell tumor
Texas, Victoria - Adult granulosa cell tumor
Hong Kong (Hong Kong Pathology Laboratory) - Adult granulosa cell tumor
India, Kochi - Adult granulosa cell tumor

Dx: Adult granulosa cell tumor, ovary

Clinical and pathological predictive factors in women with adult-type granulosa cell tumor of the ovary.

Int J Gynecol Pathol 2007 Apr;26(2): p154-9

Villella J; Herrmann FR; Kaul S; Lele S; Marchetti D; Natiella J; Odunsi K; Mhawech-Fauceglia P

Luteinized adult granulosa cell tumor--a series of 9 cases: revisiting a rare variant of adult granulosa cell tumor.

Int J Gynecol Pathol 2011 Sep;30(5): p452-9

Ganesan R; Hirschowitz L; Baltrusaityte I; McCluggage WG

Adult granulosa cell tumor of the ovary: fine-needle-aspiration cytology of 10 cases and review of literature.

Diagn Cytopathol 2008 May;36(5): p297-302

Ali S; Gattuso P; Howard A; Mosunjac MB; Siddiqui MT

Cytomorphology of adult granulosa cell tumor in ascitic fluid.

Indian J Pathol Microbiol 2010 Jan-Mar;53(1): p119-21

Azad K; Khunger JM

Combined adult granulosa cell tumor and mucinous cystadenoma of the ovary: granulosa cell tumor with heterologous mucinous elements.

Int J Gynecol Pathol 2005 Jul;24(3): p224-7

McKenna M; Kenny B; Dorman G; McCluggage WG

Clinicopathological prognostic factors of adult granulosa cell tumor of the ovary--a study of 37 cases.

Indian J Pathol Microbiol 2005 Oct;48(4): p439-43

Mehta H; Trivedi P; Parikh B; Shukla K; Shah MJ

Case 6

A 32 y/o woman, gravida 3, para 3, presented with weight loss of 25 lbs over 3 months. She also had generalized weakness, anorexia, pelvic pain and epigastric cramping with eating.

Santa Barbara (Miramonte Laboratory) - Sex cord tumor annular tubules

Woodland Hills (Kaiser Permanente) - Metastatic gastric adenocarcinoma

Arkansas (The Lab of Path, PA) - Adenocarcinoma, poorly differentiated

Georgia, Atlanta - Krukenberg tumor

Illinois, Oak Brook - Metastatic adenocarcinoma

Kansas (Peterson Laboratory Services) - Endometrioid carcinoma

Maryland, Baltimore - Sertoli cell tumor

Michigan (Detroit Medical Center) - Sertoli tumor

New Mexico, Albuquerque - Sertoli cell tumor

Texas, Victoria - Sertoli-Leydig cell tumor

Hong Kong (Hong Kong Pathology Laboratory) - Metastatic adenocarcinoma

India, Kochi - Sertoli cell tumor

Dx: Sertoli cell tumor, ovary (poorly differentiated)

Pure Sertoli cell tumour of the ovary with Meig's syndrome.

Pathology 2006 Dec;38(6): p579-81

Boldorini R; Bozzola C; Ribaldone R; Tosoni A; Monga G

Metastatic ovarian Sertoli-cell tumor: FNA findings with immunohistochemistry.

Diagn Cytopathol 2003 Nov;29(5): p283-6

Watson B; Siegel CL; Ylagan LR

A 67-year-old woman with abdominal distention, vaginal bleeding, and elevated CA 125 level. Pure Sertoli cell tumor of the ovary with differentiation varying from well-differentiated tubules, to intermediate foci, to sarcomatoid spindle cell areas.

Arch Pathol Lab Med 2006 May;130(5): pe70-3

Al-Agha OM; Tahmasebi FC; Nicastrì AD

Sertoli cell tumors of the ovary: a clinicopathologic and immunohistochemical study of 54 cases.

Am J Surg Pathol 2005 Feb;29(2): p143-56

Oliva E; Alvarez T; Young RH

Comparative immunohistochemical analysis of granulosa and sertoli components in ovarian sex cord-stromal tumors with mixed differentiation: potential implications for derivation of sertoli differentiation in ovarian tumors.

Int J Gynecol Pathol 2004 Apr;23(2): p151-61

Vang R; Herrmann ME; Tavassoli FA

Sertoli cell tumor: a rare case in an elderly patient.

Eur J Gynaecol Oncol 2006;27(1): p86-7

Nicoletto MO; Caltarossa E; Donach M; Nardelli GB; Parenti A;

Ambrosini A

Case 7

A 17 y/o gravida 1, para 0, aborta 1 Hispanic woman presented with a 6 month history of amenorrhea and increased hair growth on her body. Pregnancy tests were negative. She had early temporal baldness and had excessive, masculine type facial growth on her face. There was hair growth on the abdomen that resembled male type. The clitoris was slightly enlarged. Behind the cervix/uterus was a 7 cm mass.

Santa Barbara (Miramonte Laboratory) - Leydig cell tumor

Woodland Hills (Kaiser Permanente) - Steroid cell tumor

Arkansas (The Lab of Path, PA) - Lipid cell tumor

Georgia, Atlanta - Leydig cell tumor

Illinois, Oak Brook - Steroid cell tumor

Kansas (Peterson Laboratory Services) - Leydig cell tumor

Maryland, Baltimore - Steroid cell tumor

Michigan (Detroit Medical Center) - Lipid tumor

New Mexico, Albuquerque - Leydig cell tumor

Texas, Victoria - Steroid cell tumor, NOS

Hong Kong (Hong Kong Pathology Laboratory) - Steroid cell/Leydig cell tumor

India, Kochi - Lipid cell tumor

Dx: Lipid cell tumor, ovary

Lipoid cell tumor of the ovary: a cause of virilization in girls.

Cleveland RH, Kushner DC, Russell WE, Herman TE, Kim SH, Crawford J.

Am J Dis Child. 1987 Jul;141(7):716-8.

Lipid cell tumors in two women with von Hippel-Lindau syndrome.

Obstet Gynecol 2010 Aug;116 Suppl 2:535-9

Wagner M; Browne HN; Marston Linehan W; Merino M; Babar N; Stratton

P

Lipid cell tumor of the ovary associated with endometrial

adenocarcinoma—a case report. Luk WT, Lee N, Chang TC, Chu KK.

Changgeng Yi Xue Za Zhi. 1989 Dec 20;12(4):244-8.

Lipid cell tumor of the ovary: steroid hormone secretory pattern and

localization using ⁷⁵Se-selenomethylcholesterol. Younis JS,

Bercovici B, Zlotogorski A, Horne T, Glaser B. Gynecol Obstet

Invest. 1989;27(2):110-

Lipid cell tumor of the ovary in reference to adult-onset congenital adrenal hyperplasia and polycystic ovary syndrome. A case report.

Rosenfield RL, Cohen RM, Talerman A. J Reprod Med. 1987 May;32(5):363-9.

Ovarian lipoid cell tumor. Steroid hormones and ultrastructure. Muechler EK, Gillette MB, Cary D, Ryan CK, di Sant' Agnese PA, Markham RE, Jacobs LS. Diagn Gynecol Obstet. 1982 Winter;4(4):309-15.

Lipid cell tumor of the ovary. Williams PC, Hyman S, Kraft JR. J Natl Med Assoc. 1980 Oct;72(10):999-1001. PMID: #7420444# (Free)

Lipoid cell tumor of the ovary. Farber M, Tran The Hung, Millan VG, Louis F, Jackson IM. Obstet Gynecol. 1979 Nov;54(5):576-80.

Taylor HB, Norris HJ. Lipid cell tumors of the ovary. Cancer. 1967;20:1953-1962

Case 8

A 17 y/o woman presented with an abdominal pelvic mass. It was 18 cm, cystic, and had focal areas of yellow necrosis.

Santa Barbara (Miramonte Laboratory) - Papillary adenocarcinoma

Woodland Hills (Kaiser Permanente) - Yolk sac tumor

Arkansas (The Lab of Path, PA) - Mucinous cystadenocarcinoma

Georgia, Atlanta - Adenocarcinoma; rule out metastasis

Illinois, Oak Brook - Serous papillary adenocarcinoma

Kansas (Peterson Laboratory Services) - Endometrioid carcinoma

Maryland, Baltimore - Mucinous cystadenocarcinoma

Michigan (Detroit Medical Center) - Mucinous cystadenocarcinoma

New Mexico, Albuquerque - Papillary serous carcinoma

Texas, Victoria - Yolk sac tumor, serous type appearance

Hong Kong (Hong Kong Pathology Laboratory) - Mucinous adenocarcinoma

India, Kochi - Mucinous cystadenocarcinoma of ovary

Dx: Mucinous cystadenocarcinoma, ovary

Primary retroperitoneal mucinous cystadenocarcinomas are a distinct entity.

Int J Gynecol Cancer 2008 Jan-Feb;18(1): p184-8

Tjalma WA; Vaneerdeweg W

Mucinous tumor of low malignant potential ("borderline" or "atypical proliferative" tumor) of the ovary: a study of 171 cases with the assessment of intraepithelial carcinoma and microinvasion.

Int J Gynecol Pathol 2011 May;30(3): p218-30

Khunamornpong S; Settakorn J; Sukpan K; Suprasert P; Siriaunkgul S

Ovarian intestinal-type mucinous borderline tumors: a nomenclature change is long overdue.

Int J Gynecol Pathol 2010 Nov;29(6): p552-3; author reply 553-4

Kurman RJ; Ronnett BM

Pseudomyxoma Peritonei arising from a mucinous borderline ovarian tumour: Case report and literature review.

Aust N Z J Obstet Gynaecol 2010 Aug;50(4): p399-403

Saluja M; Kenwright DN; Keating JP

Giant mucinous cystadenocarcinoma: a case report.

Arch Gynecol Obstet 2003 Jan;267(3): p158-9

Kuscu NK; Caglar H; Ishakoglu M; Kandiloglu AR; Keles GT

Co-existent ovarian mucinous cystadenocarcinoma and ovarian choriocarcinoma.

Arch Gynecol Obstet 2002 Aug;266(4): p235-7

Jimenez-Heffernan JA; Perna C; Martinez A; Casinello J; Cuevas J

Case 9

A 59 y/o woman was found to have a left ovarian mass and metastases to multiple abdominal sites.

Santa Barbara (Miramonte Laboratory) - Clear cell carcinoma

Woodland Hills (Kaiser Permanente) - Clear cell carcinoma

Arkansas (The Lab of Path, PA) - Clear cell carcinoma

Georgia, Atlanta - Clear cell carcinoma

Illinois, Oak Brook - Clear cell carcinoma

Kansas (Peterson Laboratory Services) - Clear cell carcinoma

Maryland, Baltimore - Clear cell carcinoma

Michigan (Detroit Medical Center) - Clear cell carcinoma

New Mexico, Albuquerque - Clear cell carcinoma

Texas, Victoria - Clear cell tumor

Hong Kong (Hong Kong Pathology Laboratory) - Clear cell adenocarcinoma

India, Kochi - Clear cell carcinoma of ovary

Dx: Clear cell Ca, ovary

Do clear cell ovarian carcinomas have poorer prognosis compared to other epithelial cell types? A study of 1411 clear cell ovarian cancers.

Gynecol Oncol 2008 Jun;109(3): p370-6

Chan JK; Teoh D; Hu JM; Shin JY; Osann K; Kapp DS

Cytologic features of clear cell carcinoma of the female genital tract. Diagnostic value of the "raspberry body" in nonexfoliative cytologic specimens.

Acta Cytol 2004 Jan-Feb;48(1): p47-51

Jimenez-Heffernan JA; Vicandi B; Gonzalez-Peramato P; Perez-Campos

A; Lopez-Ferrer P; Perna C; Viquer JM

Ovarian clear cell carcinoma occurring in a young patient with endometriosis and long-term ovulation stimulations.

Acta Obstet Gynecol Scand 2006;85(12): p1506-7

Saylam K; Devreker F; Simon P; Fayt I; Noel JC

Expression of CD10 and cytokeratins in ovarian and renal clear cell carcinoma.

Int J Gynecol Pathol 2005 Jul;24(3): p239-45
Ohta Y; Suzuki T; Shiokawa A; Mitsuya T; Ota H

Hypercalcemia induced by ovarian clear cell carcinoma producing all transcriptional variants of parathyroid hormone-related peptide gene during pregnancy.

Gynecol Oncol 2006 Nov;103(2): p740-4
Hwang CS; Park SY; Yu SH; Park JY; Park CT; Han KO

Ovarian metastasis from renal cell carcinoma: a report of three cases.

Int J Surg Pathol 2003 Oct;11(4): p309-12
Insabato L; De Rosa G; Franco R; D'Onofrio V; Di Vizio D

Clear cell carcinoma of the ovary mimicking struma ovarii and carcinoid tumor.

Ann Diagn Pathol 2011 Apr;15(2): p124-7
Alduaij A; Quddus MR

Mixed ovarian epithelial carcinomas with clear cell and serous components are variants of high-grade serous carcinoma: an interobserver correlative and immunohistochemical study of 32 cases.

Am J Surg Pathol 2008 Jul;32(7): p955-64
Han G; Gilks CB; Leung S; Ewanowich CA; Irving JA; Longacre TA; Soslow RA

Ovarian clear cell carcinoma with papillary features: a potential mimic of serous tumor of low malignant potential.

Am J Surg Pathol 2008 Feb;32(2): p269-74
angoi AR; Soslow RA; Teng NN; Longacre TA

Case 10

A 25 y/o woman, gravida IV, para III, in her 12th week of pregnancy complained of severe abdominal pain with inability to walk, or void. A 12 cm ovarian mass was found that had multiple cysts. Serum chemistries were normal.

Santa Barbara (Miramonte Laboratory) - Small cell carcinoma

Woodland Hills (Kaiser Permanente) - Juvenile granulosa cell tumor

Arkansas (The Lab of Path, PA) - Small cell carcinoma

Georgia, Atlanta - Poorly differentiated adenocarcinoma, rule out metastasis

Illinois, Oak Brook - Carcinoid

Kansas (Peterson Laboratory Services) - Poorly differentiated sertoli-leydig tumor

Maryland, Baltimore - Small cell carcinoma

Michigan (Detroit Medical Center) - Small cell carcinoma

New Mexico, Albuquerque - Poorly differentiated adenocarcinoma associated with a mucinous cystic tumor

Texas, Victoria - Poorly differentiated carcinoma

Hong Kong (Hong Kong Pathology Laboratory) - Combined small cell carcinoma

India, Kochi - Small cell carcinoma of ovary

Dx: Small cell Ca, ovary

Ovarian small cell carcinoma of hypercalcaemic-type: history of the disease in a patient who refused treatment.

J Obstet Gynaecol 2011 May;31(4): p354-6

Benito Reyes V; Martinez Lanao D; Lubrano Rosales A; Arencibia Sanchez O; Falcon Vizcaino O

Small cell carcinoma of the ovary presenting in a urine cytology specimen: a case report.

Acta Cytol 2011;55(3): p291-5

Jazaerly T; Jaratli H; Jacques SM; Giorgadze T

Hypercalcaemic-type ovarian small cell carcinoma with unique CD34 expression.

Pathol Int 2009 Oct;59(10): p766-8

Inadome Y; Shibata T; Suzuki K; Tsugata M; Shimabukuro K; Noguchi M

Large cell variant ovarian small cell carcinoma: case report.

Ultrastruct Pathol 2008 Sep-Oct;32(5): p206-10

Donato G; Conforti F; Zuccala V; Cosco C; Laratta C; Perrotta I; Tripepi S; Amorosi A

Ovarian small cell carcinoma of the hypercalcaemic type in children and adolescents: a prognostically unfavorable but curable disease.

Cancer 2006 Nov 1;107(9): p2298-306

Distelmaier F; Calaminus G; Harms D; Strater R; Kordes U; Fleischhack G; Gobel U; Schneider DT

Small cell carcinoma of the ovary with hypercalcaemia and ectopic parathyroid hormone production.

Arch Pathol Lab Med 2005 Apr;129(4): p531-3

Chen L; Dinh TA; Haque A

Ovarian neoplasms composed of small round cells: a review.

Adv Anat Pathol 2004 Nov;11(6): p288-96

McCluggage WG

