

**California Tumor Tissue Registry's
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"Genitourinary Tumors"

Case 1:

A 67 y/o woman noticed a mass in the vaginal introitus. A 4 cm firm, tender mobile mass arising by a wide pedicle was found in the posterior aspect of the urethra. It was hemorrhagic, 3.5 cm in greatest diameter, and was multi-nodular. The tumor recurred one year later and she died from pneumonia. No autopsy.

Santa Barbara (Miramonte Laboratory) - Lymphoma

Santa Rosa (Santa Rosa Memorial Hospital) - Malignant neoplasm, probably carcinoma, sebaceous urothelial derived from accessory gland (1); Malignant neoplasm, rule out sarcoma vs lymphoma (1); Malignant neoplasm, rule out lymphoma (1); Sex cord stromal tumor (1); Sex cord stromal tumor, rule out Sertoli Leydig (1); Sertoli-stromal cell tumor (poorly differentiated Sertoli-Leydig cell tumor (1)

Woodland Hills (Kaiser Permanente) - Melanoma

Arkansas (The Lab of Path, PA) - Melanoma

Georgia, Atlanta - Extramedullary myeloid sarcoma

Illinois, Oak Brook - Malignant carcinoma

Kansas (Peterson Laboratory Service) - Melanoma

Maryland, Baltimore - Malignant neoplasm, rhabdomyosarcoma vs. melanoma

New Mexico, Albuquerque - Neuroendocrine carcinoma

Texas, Victoria - Melanoma

Canada (University of Sherbrooke) - Melanoma

Hong Kong (Hong Kong Baptist Hospital) - Small round cell tumor, lymphoma

India, Kochi - Melanoma of urethra

Dx: Melanoma, urethra

[Case of primary amelanotic malignant melanoma of the female urethra]

Nihon Hinyokika Gakkai Zasshi 2010 Sep;101(6): p734-7

Yoshii T; Horiguchi A; Shirotake S; Tobe M; Tasaki S; Hayakawa M; Sumitomo M; Asano T

Primary malignant melanoma of the female urethra.

Urology 2007 Dec;70(6): p1222.e13-6

Yoshizawa T; Kawata N; Sato K; Hirakata H; Igarashi T; Ichinose T; Yamaguchi K; Takahashi S

Primary malignant melanoma of the urethra.

Urology 2005 Feb;65(2): p389

Katz EE; Suzue K; Wille MA; Krausz T; Rapp DE; Sokoloff MH

Female urethral malignant melanoma with vesical invasion: a case report.

Kaohsiung J Med Sci (China 2010 Feb;26(2): p96-8
Akbas A; Akman T; Erdem MR; Antar B; Kilicarslan I; Onol SY

[Primary malignant melanoma of the male urethra: a case report]
Hinyokika Kyo 2008 Apr;54(4): p305-8
Inoue M; Ishioka J; Kageyama Y; Fukuda H; Higashi Y

Melanoma of the penis, scrotum and male urethra: a 40-year single institution experience. R. Sanchez-Ortiz, S. F. Huang, P. Tamboli, V. C. Prieto, G. Hester and C. A. Pettaway.
Comment On: RefSource:J Urol. 2005 Jun; 173(6):1958-65
J Urol 2006 Apr;175(4): p1574-5; author reply 1575-6
Hankins CL; Weston P

Case 2

A 68 y/o woman had gross painless hematuria for about a month. Work up showed an obstruction of the left ureter. At surgery the tumor was approximately 2.0 cm in long axis. It was gray-white, glistening, and encompassed the circumference of the ureter.

Santa Barbara (Miramonte Laboratory) - Papillary adenocarcinoma
Santa Rosa (Santa Rosa Memorial Hospital) - High grade urothelial carcinoma, (2) micropapillary variant (1); Sclerosing stromal tumor (3)
Woodland Hills (Kaiser Permanente) - Micropapillary carcinoma
Arkansas (The Lab of Path, PA) - Adenocarcinoma
Georgia, Atlanta - Urothelial carcinoma with micropapillary features
Illinois, Oak Brook - Adenocarcinoma
Kansas (Peterson Laboratory Service) - Urothelial carcinoma, micropapillary
Maryland, Baltimore - Adenocarcinoma
New Mexico, Albuquerque - High grade urothelial carcinoma
Texas, Victoria - Adenocarcinoma
Canada (University of Sherbrooke) - Adenocarcinoma
Hong Kong (Hong Kong Baptist Hospital) - Invasive urothelial carcinoma, micropapillary variant
India, Kochi - Adenocarcinoma of ureter

Dx: Adenocarcinoma, ureter

Papillary adenocarcinoma of the ureter producing carcinoembryonic antigen and carbohydrate antigen 19-9.
J Urol 2002 Dec;168(6): p2535-6
Aida Y; Kudo O; Yamakawa K; Kato K; Tadokoro M; Takahashi T

Ureteral metastasis from appendiceal cancer: report of a case.
Surg Today 2005;35(2): p168-71
Katsuno G; Kagawa S; Kokudo Y; Muraoka A; Tatemoto A; Sone Y; Tsumura M; Tsuruno M; Mizobuchi K

[A case of sigmoid colon cancer that spread to the urinary bladder via the ureter]
Hinyokika Kyo 2005 Oct;51(10): p673-5
Yamamoto T; Yoshioka N; Katoh Y; Iguchi M; Katoh M; Yamazaki M

Hepatoid adenocarcinoma of the ureter: unusual case presenting hepatic and ovarian metastases.

Appl Immunohistochem Mol Morphol 2011 Oct;19(5): p478-83
Rotellini M; Messerini L; Stomaci N; Raspollini MR

Case 3

A 57 y/o man who had had the right ureter and kidney removed, experienced dysuria, hematuria and frequency. A biopsy of the bladder was negative. Due to his suspicious symptoms and signs, the bladder, prostate and seminal vesicles were removed. A 0.5 cm mass was discovered in/around the seminal vesicle.

Santa Barbara (Miramonte Laboratory) - Endometrioid carcinoma prostatic utricle
Santa Rosa (Santa Rosa Memorial Hospital) - Adenocarcinoma (1); Seminal vesicle adenocarcinoma (1); Dysgerminoma (3)
Woodland Hills (Kaiser Permanente) - Prostatic adenocarcinoma
Arkansas (The Lab of Path, PA) - Papillary adenocarcinoma
Georgia, Atlanta - Clear cell carcinoma
Illinois, Oak Brook - Adenocarcinoma
Kansas (Peterson Laboratory Service) - Adenocarcinoma
Maryland, Baltimore - Adenocarcinoma
New Mexico, Albuquerque - Adenocarcinoma
Texas, Victoria - Seminal vasculitis; rule out carcinoma
Canada (University of Sherbrooke) - Papillary carcinoma
Hong Kong (Hong Kong Baptist Hospital) - Mesonephric remnant/hyperplasia
India, Kochi - Papillary adenocarcinoma of seminal vesicle

Dx: Papillary Adenocarcinoma, seminal vesicle

Case 4

A 46 y/o woman had a prior hx of a large tubo-ovarian abscess. Later, an abdominal mass was found in the kidney and was excised. Case was seen by Stanford Pathology Consultants.

Santa Barbara (Miramonte Laboratory) - Cystic renal cell carcinoma
Santa Rosa (Santa Rosa Memorial Hospital) - Multilocular cystic renal cell carcinoma (3); Granulosa cell tumor (3)
Woodland Hills (Kaiser Permanente) - Cystic nephroma
Arkansas (The Lab of Path, PA) - Cystic nephroma
Georgia, Atlanta - Cystic nephroma/mixed epithelial stromal tumor
Illinois, Oak Brook - Multilocular cystic nephroma
Kansas (Peterson Laboratory Service) - Cystic nephroma
Maryland, Baltimore - Mixed epithelial and stromal tumor
New Mexico, Albuquerque - Endometriosis with cystic hyperplasia
Texas, Victoria - Cystic nephroma; rule out lymphangioma
Canada (University of Sherbrooke) - Cystic nephroma
Hong Kong (Hong Kong Baptist Hospital) - Cystic nephroma

India, Kochi - Cystic nephroma of kidney

Dx: Cystic nephroma, kidney

Multicystic nephroma: a case report.

Acta Cytol 2007 Jul-Aug;51(4): p651-3

Gupta R; Dhingra K; Singh S; Nigam S; Jain S

Adult cystic nephroma and mixed epithelial and stromal tumor of the kidney are the same disease entity: molecular and histologic evidence.

Am J Surg Pathol 2009 Jan;33(1): p72-80

Zhou M; Kort E; Hoekstra P; Westphal M; Magi-Galluzzi C; Sercia L; Lane B; Rini B; Bukowski R; Teh BT

Mixed epithelial and stromal tumor of the kidney and cystic nephroma share overlapping features: reappraisal of 15 lesions.

Arch Pathol Lab Med 2006 Jan;130(1): p80-5

Antic T; Perry KT; Harrison K; Zaytsev P; Pins M; Campbell SC; Picken MM

Familial association of pleuropulmonary blastoma with cystic nephroma and other renal tumors: a report from the International Pleuropulmonary Blastoma Registry.

J Pediatr 2006 Dec;149(6): p850-854

Boman F; Hill DA; Williams GM; Chauvenet A; Fournet JC; Soglio DB; Messinger Y; Priest JR

Cystic renal tumors: new entities and novel concepts.

Adv Anat Pathol 2010 May;17(3): p209-14

Moch H

Case 5

A 68 y/o man was found to have a 260 gram, 14.0 x 7.0 x 6.0 cm kidney mass during a right inguinal hernia repair. It appeared yellow-tan and was focally positive for CD34. It was negative for S100, Pancytokeratin, actin and CD117. Seen by Dr. Sharon Weiss.

Santa Barbara (Miramonte Laboratory) - Polycystic kidney

Santa Rosa (Santa Rosa Memorial Hospital) - Cystic nephroma (1);

Hemangioendothelioma (2); Granulosa cell tumor (3)

Woodland Hills (Kaiser Permanente) - Juxtaglomerular cell tumor

Arkansas (The Lab of Path, PA) - Mesoblastic nephroma

Georgia, Atlanta - Lymphangioma

Illinois, Oak Brook - Cystic nephroma

Kansas (Peterson Laboratory Service) - Mixed epithelial and stromal tumor

Maryland, Baltimore - Mixed epithelial and stromal tumor

New Mexico, Albuquerque - Solitary fibrous tumor

Texas, Victoria - Mixed epithelial-stromal tumor

Canada (University of Sherbrooke) - Renal epithelial and stromal tumor

Hong Kong (Hong Kong Baptist Hospital) - Cystic nephroma

India, Kochi - Mixed epithelial and stromal tumor of kidney

Dx: Mixed epithelial and stromal tumor (MEST), kidney

Mixed epithelial and stromal tumour (MEST) of the kidney: report of 14 cases with male and PEComatous variants and proposed histopathogenesis.

Pathology 2007 Apr;39(2): p235-40

Mai KT; Elkeilani A; Veinot JP

Malignant mixed epithelial and stromal tumor of the kidney with rhabdoid features: report of a case including immunohistochemical, molecular genetic studies and comparison to morphologically similar renal tumors.

Hum Pathol 2007 Sep;38(9): p1432-7

Sukov WR; Cheville JC; Lager DJ; Lewin JR; Sebo TJ; Lewin M

Cystic nephroma and mixed epithelial and stromal tumor of kidney: a detailed clinicopathologic analysis of 34 cases and proposal for renal epithelial and stromal tumor (REST) as a unifying term.

Am J Surg Pathol 2007 Apr;31(4): p489-500

Turbiner J; Amin MB; Humphrey PA; Srigley JR; De Leval L;

Radhakrishnan A; Oliva E

Adult cystic nephroma and mixed epithelial and stromal tumor of the kidney are the same disease entity: molecular and histologic evidence.

Am J Surg Pathol 2009 Jan;33(1): p72-80

Zhou M; Kort E; Hoekstra P; Westphal M; Magi-Galluzzi C; Sercia L;

Lane B; Rini B; Bukowski R; Teh BT

Mixed epithelial and stromal tumors of the kidney: evidence for a single cell of origin with capacity for epithelial and stromal differentiation.

Am J Surg Pathol 2011 Aug;35(8): p1114-22

Kum JB; Grignon DJ; Wang M; Zhou M; Montironi R; Shen SS; Zhang S;

Lopez-Beltran A; Eble JN; Cheng L

Fat-predominant mixed epithelial stromal tumor (MEST): report of a unique case mimicking angiomyolipoma.

Int J Surg Pathol 2008 Jan;16(1): p73-7

Sireci AN; Rodriguez R; Swierczynski SL; Netto GJ; Argani P

Case 6

A 50 y/o woman presented with an abdominal mass. A 3.6 cm renal mass was found. A PAS stain was positive in a small portion of the tumor cells.

Santa Barbara (Miramonte Laboratory) - Angiosarcoma

Santa Rosa (Santa Rosa Memorial Hospital) - Collecting duct carcinoma (1);

Sarcomatoid renal cell carcinoma (2); Sertoli-Leydig cell tumor (2); Metastatic

adenocarcinoma, gastric (1)

Woodland Hills (Kaiser Permanente) - Collecting duct carcinoma
Arkansas (The Lab of Path, PA) - Collecting duct carcinoma
Georgia, Atlanta - Collecting duct carcinoma
Illinois, Oak Brook - Renal cell carcinoma
Kansas (Peterson Laboratory Service) - Collecting duct carcinoma
Maryland, Baltimore - Collecting duct carcinoma
New Mexico, Albuquerque - Epithelioid hemangioendothelioma
Texas, Victoria - Collecting duct carcinoma with sarcomatoid changes
Canada (University of Sherbrooke) - Collecting duct carcinoma, Bellini
Hong Kong (Hong Kong Baptist Hospital) - Renal tubular carcinoma
India, Kochi - Collecting duct carcinoma of kidney

Dx: Collecting duct Ca, kidney

Collecting duct renal cell carcinoma: two different clinical stages, two different clinical outcomes.

Urol Int 2008;81(1): p116-8

Vazquez-Lavista LG; Uribe-Urbe N; Gabilondo-Navarro F

Collecting duct carcinoma of the kidney: an immunohistochemical evaluation of the use of antibodies for differential diagnosis.

Hum Pathol 2008 Sep;39(9): p1350-9

Kobayashi N; Matsuzaki O; Shirai S; Aoki I; Yao M; Nagashima Y

PAX8 (+)/p63 (-) immunostaining pattern in renal collecting duct carcinoma (CDC): a useful immunoprofile in the differential diagnosis of CDC versus urothelial carcinoma of upper urinary tract.

Am J Surg Pathol 2010 Jul;34(7): p965-9

Albadine R; Schultz L; Illei P; Ertoy D; Hicks J; Sharma R; Epstein JI; Netto GJ

Comparison of gene expression profiles in tubulocystic carcinoma and collecting duct carcinoma of the kidney.

Am J Surg Pathol 2009 Jul;33(7): p1103-6

Osunkoya AO; Young AN; Wang W; Netto GJ; Epstein JI

Low-grade renal collecting duct carcinoma. A case report with histochemical, immunohistochemical, and ultrastructural study.

Ann Diagn Pathol 2005 Feb;9(1): p46-8

Farah R; Ben-Izhak O; Munichor M; Cohen H

Collecting duct (Bellini duct) renal cell carcinoma: a nationwide survey in Japan.

J Urol 2006 Jul;176(1): p40-3; discussion 43

Tokuda N; Naito S; Matsuzaki O; Nagashima Y; Ozono S; Igarashi T

Fine needle aspiration cytology of collecting duct carcinoma of the kidney: report of a case with distinctive features and differential diagnosis.

Acta Cytol 2004 Nov-Dec;48(6): p843-8

Sarode VR; Islam S; Wooten D; Watumull LM; Molberg K; Ashfaq R

Case 7

A radical orchiectomy was performed on this 29 y/o man. The 5.5 cm testis contained a 4.5 x 3.6 x 2.3 cm soft tan-pink partially necrotic mass.

Santa Barbara (Miramonte Laboratory) - Embryonal rhabdomyosarcoma

Santa Rosa (Santa Rosa Memorial Hospital) - Seminoma (3); Steroid cell tumor (3)

Woodland Hills (Kaiser Permanente) - Seminoma

Arkansas (The Lab of Path, PA) - Seminoma

Georgia, Atlanta - Seminoma

Illinois, Oak Brook - Seminoma, classic

Kansas (Peterson Laboratory Service) - Seminoma

Maryland, Baltimore - Seminoma, background ITGCN

New Mexico, Albuquerque - Anaplastic seminoma

Texas, Victoria - Seminoma

Canada (University of Sherbrooke) - Seminoma

Hong Kong (Hong Kong Baptist Hospital) - Seminoma

India, Kochi - Classic seminoma of testis

Dx: Seminoma, classic, testis

Unusual cystic change in classic seminoma of the testis.

Am J Surg Pathol 2006 Jan;30(1): p137-9

Flynn MJ; Childerhouse A; Mead GM; Theaker JM

The association between intratubular seminoma and invasive germ cell tumors.

Hum Pathol 2006 Apr;37(4): p458-61

Berney DM; Lee A; Shamash J; Oliver RT

A rare case of classic testicular seminoma in an 86-year-old shows similar proliferation rate as in younger men.

Urology 2007 Nov;70(5): p1007.e7-9

Foell K; Martens M; Izawa JI

TCL1 is a diagnostic marker for intratubular germ cell neoplasia and classic seminoma.

Histopathology 2010 Jul;57(1): p152-7

Cao D; Lane Z; Allan RW; Wang P; Guo CC; Peng Y; Li J

Histologically pure stage I seminoma with an elevated beta-hCG of 4497 IU/l.

Urology 2007 Nov;70(5): p1007.e13-5

Bjurlin MA; August CZ; Weldon-Linne M; Totonchi E

Case 8

This 18 y/o man had a traumatic athletic injury to his left testicle approximately 1 month before presenting with a mass and a hemocele.. Following orchiectomy, metastatic

carcinoma was found in the lungs, liver, right ureter, and right supraclavicular lymph nodes. The testicle was 3.5 cm in diameter, and enclosed a 2.5 cm firm, grey-white, partially necrotic tumor.

Santa Barbara (Miramonte Laboratory) - Embryonal carcinoma

Santa Rosa (Santa Rosa Memorial Hospital) - Embryonal carcinoma (1);

Choriocarcinoma (2); High grade papillary carcinoma (2); Papillary cystadenocarcinoma with oxyphilic features (1)

Woodland Hills (Kaiser Permanente) - Embryonal carcinoma

Arkansas (The Lab of Path, PA) - Embryonal carcinoma

Georgia, Atlanta - Embryonal carcinoma

Illinois, Oak Brook - Embryonal carcinoma

Kansas (Peterson Laboratory Service) - Embryonal carcinoma

Maryland, Baltimore - Embryonal carcinoma

New Mexico, Albuquerque - Embryonal carcinoma

Texas, Victoria - Embryonal carcinoma with ITGCN

Canada (University of Sherbrooke) - Embryonal carcinoma

Hong Kong (Hong Kong Baptist Hospital) - Embryonal carcinoma

India, Kochi - Embryonal carcinoma of testis

Dx: Embryonal Ca, testis

Association of intratubular seminoma and intratubular embryonal carcinoma with invasive testicular germ cell tumors.

Am J Surg Pathol 2007 Jul;31(7): p1045-9

Lau SK; Weiss LM; Chu PG

Non-palpable testicular embryonal carcinoma diagnosed by ultrasound: a case report.

Jpn J Clin Oncol 2009 Feb;39(2): p124-6

Ishida M; Hasegawa M; Kanao K; Oyama M; Nakajima Y

Morphologic, immunohistochemical, and fluorescence in situ hybridization study of ovarian embryonal carcinoma with comparison to solid variant of yolk sac tumor and immature teratoma.

Hum Pathol 2010 May;41(5): p716-23

Cheng L; Zhang S; Talerman A; Roth LM

Intratubular embryonal carcinoma.

Arch Pathol Lab Med 2002 Apr;126(4): p487-90

Rakheja D; Hoang MP; Sharma S; Albores-Saavedra J

CD30 and CD117 (c-kit) used in combination are useful for distinguishing embryonal carcinoma from seminoma.

J Histochem Cytochem 2002 Feb;50(2): p283-5

Leroy X; Augusto D; Leteurtre E; Gosselin B

The frequency of intratubular embryonal carcinoma: implications for the pathogenesis of germ cell tumours.

Histopathology 2004 Aug;45(2): p155-61

Berney DM; Lee A; Randle SJ; Jordan S; Shamash J; Oliver RT

Case 9

A 22 y/o man had an enlarged testicle. When removed, it was noted to have a 5.5 cm diameter tumor that was partially necrotic and mottled, gray-red-brown.

Santa Barbara (Miramonte Laboratory) - Choriocarcinoma

Santa Rosa (Santa Rosa Memorial Hospital) - Mixed germ cell neoplasm with choriocarcinoma, embryonal carcinoma, teratoma, seminoma (1); Mixed germ cell tumor (2); Clear cell carcinoma (2); Clear cell adenocarcinoma (1)

Woodland Hills (Kaiser Permanente) - Mixed germ cell tumor (teratoma, yolk sac tumor, choriocarcinoma)

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

Georgia, Atlanta - Malignant mixed germ cell tumor

Illinois, Oak Brook - Malignant mixed cell tumor

Kansas (Peterson Laboratory Service) - Mixed germ cell tumor, immature teratoma, yolk sac and embryonal carcinoma

Maryland, Baltimore - Malignant mixed germ cell tumor (yolk sac, choriocarcinoma, seminoma components)

New Mexico, Albuquerque - Mixed germ cell tumor with yolk sac, choriocarcinoma, and teratoma components

Texas, Victoria - MGCT (embryonal, choio)

Canada (University of Sherbrooke) - Malignant mixed germ cell tumor

Hong Kong (Hong Kong Baptist Hospital) - Mixed germ cell tumor, choriocarcinoma, yolk sac tumor, embryonal carcinoma

India, Kochi - Malignant germ cell tumor of testis

Dx: Malignant Mixed Germ Cell Tumor, testis

Gonadal teratomas: a review and speculation.

Adv Anat Pathol 2004 Jan;11(1): p10-23

Ulbright TM

CD30 and CD117 (c-kit) used in combination are useful for distinguishing embryonal carcinoma from seminoma.

J Histochem Cytochem 2002 Feb;50(2): p283-5

Leroy X; Augusto D; Leteurtre E; Gosselin B

Histology in mixed germ cell tumors. Is there a favorite pairing?

J Urol 2004 Apr;171(4): p1471-3

Mosharafa AA; Foster RS; Leibovich BC; Ulbright TM; Bihrlle R;

Einhorn LH; Donohue JP

Malignant ganglioneuroma arising from mediastinal mixed germ cell tumor.

J Chin Med Assoc (China 2007 Feb;70(2): p76-9

Chen PY; Chen WY; Ho DM; Pan CC

Mixed testicular germ cell tumour in a patient with previous pineal germinoma.

J Neurooncol 2011 Jan;101(1): p125-8

Silva VB; Azevedo AL; Costa IM; Mafra MS; Passos-Coelho JL; Bravo-Marques JM

Germ cell tumors with sarcomatous components: a clinicopathologic and immunohistochemical study of 46 cases.

Am J Surg Pathol 2007 Sep;31(9): p1356-62

Malagon HD; Valdez AM; Moran CA; Suster S

Case 10

An 8 y/o boy was found to have an 11 cm right testicular mass. It was focally hemorrhagic and cystic. Desmin and myogenin were positive. S100 and synaptophysin were negative.

Santa Barbara (Miramonte Laboratory) - Embryonal rhabdomyosarcoma

Santa Rosa (Santa Rosa Memorial Hospital) - Embryonal rhabdomyosarcoma (3);

Poorly differentiated carcinoma (2); Small cell carcinoma, hypercalcemic type (with foci of mucinous glands) (1)

Woodland Hills (Kaiser Permanente) - Embryonal rhabdomyosarcoma

Arkansas (The Lab of Path, PA) - Rhabdomyosarcoma

Georgia, Atlanta - Embryonal rhabdomyosarcoma

Illinois, Oak Brook - Rhabdomyosarcoma

Kansas (Peterson Laboratory Service) - Rhabdomyosarcoma

Maryland, Baltimore - Embryonal rhabdomyosarcoma

New Mexico, Albuquerque - Rhabdomyosarcoma

Texas, Victoria - Embryonal rhabdomyosarcoma

Canada (University of Sherbrooke) - Rhabdomyosarcoma

Hong Kong (Hong Kong Baptist Hospital) - Embryonal rhabdomyosarcoma

India, Kochi - Rhabdomyosarcoma

Dx: Rhabdomyosarcoma, peri-testicular

Infantile testicular rhabdomyosarcoma.

Urology 2007 Jun;69(6): p1208.e13-5

Chung JM; Lim YT; Lee SD

Paratesticular rhabdomyosarcoma with metastatic encasement of the abdominal aorta.

Pediatr Radiol 2011 Aug;41(8): p1061-4

Aquino MR; Gibson DP; Bloom DA

Paratesticular rhabdomyosarcoma.

J Urol 2009 Oct;182(4): p1578-9

Reeves HM; MacLennan GT

Rhabdomyosarcoma of tunica vaginalis masquerading as hydrocele.

Urology 2005 May;65(5): p1001

Zaslau S; Perlmutter AE; Farivar-Mohseni H; Chang WW; Kandzari SJ

Fine needle aspiration cytology of paratesticular rhabdomyosarcoma mimicking a testicular germ cell tumor.
Acta Cytol 2002 Jul-Aug;46(4): p787-9
Reis-Filho JS; Schmitt FC; Soares MF; Figueiredo TM; Fillus-Neto J

Paratesticular spindle cell rhabdomyosarcoma diagnosed by fine needle aspiration cytology: a case report.
Acta Cytol 2005 May-Jun;49(3): p331-4
Daneshbod Y; Monabati A; Kumar PV; Rastegar M

Adult paratesticular rhabdomyosarcoma.
Nat Clin Pract Urol 2005 Aug;2(8): p398-402; quiz 403
Haga K; Kashiwagi A; Nagamori S; Yamashiro K