

UGS-Pathology

Archive

Lecture 6

Pathology of the Testis

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1. Which of the following is specifically associated with seminoma?

Select one:

- a. Bell-clapper deformity
- b. Obesity
- c. Undescended testis
- d. i(12p)
- e. Short stature

Ans: d

2. Which of the following is false about yolk sac tumor?

Select one:

- a. Common in children
- b. Schiller-Duval bodies are characteristic
- c. Elevated alpha-fetoprotein (AFP)
- d. High β -hCG
- e. Malignant germ cell tumor

Ans: d

3. A 34-year-old man has had heaviness in testis for 6 months. Examination reveals enlargement left testis. Laboratory revealed normal serum HCG and alpha-fetoprotein (AFP). Left testis is excised through orchiectomy and on sectioning showed soft, well-demarcated white mass, no hemorrhage or necrosis. He receives radiation therapy with good response. Which of the following neoplasms he is most likely to have? Select one:

- a. Seminoma.
- b. Yolk sac tumor.
- c. Leydig cell tumor.
- d. Embryonal carcinoma
- e. Choriocarcinoma

Ans: a

4. A mother brought her 18 month old child to the pediatric clinic worried about a recent asymmetric enlargement of his scrotum. Physical examination revealed a well (?) circumscribed, 2cm mass in the left testis. Laboratory revealed normal serum HCG and high serum alpha-fetoprotein (AFP). Histologic examination of this mass after orchiectomy shows low cuboidal to columnar epithelial cells that form microcysts, some of which contain eosinophilic hyaline globules structures resemble primitive glomeruli. What is the most likely diagnosis? a. Seminoma. b. Yolk sac tumor c. Leydig cell tumor. d. Embryonal carcinoma. e. Choriocarcinoma.

Ans: b

5. In the pediatric population, which of the following germ cell tumor when present in its pure form. is considered to be a benign tumor?

- a. Choriocarcinoma.
- b. Embryonal carcinoma.
- c. Seminoma.
- d. Yolk sac tumor.
- e. Teratoma.

Ans: e

6. Choose the correct statement concerning yolk sac tumor of testis:

- a. The second most common primary testicular tumor in children
- b. Treated by orchiectomy among children
- c. In adults, yolk sac tumor occurs as a pure tumor
- d. α 1-antitrypsin is a biomarker

Ans: d

7. which of these tumor markers correlate with tumor burden?

- a. LDH
- b. B HCG
- c. AFB

Ans: a

8. Which of the following statements is wrong regarding Seminoma ?

- a. benign before puberty
- b. glycogen-rich cytoplasm, round nuclei and conspicuous nucleoli
- c. B HCG levels may be elevated
- d. Resemble germinomas of the CNS

Ans: a



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