

- A. Sympathetic ganglion
- B. Peripheral nerve
- C. Dorsal root ganglion
- D. Free nerve endings

101. You are seeing a patient with a pineal region tumor. CSF markers are ordered and demonstrated below. What is the most likely diagnosis? B-HCG (+), AFP (-), PLAP (-)

- A. Germinoma
- B. Choriocarcinoma
- C. Embryonal carcinoma
- D. Mature teratoma

102. What is the most common presentation of a vestibular schwannoma?

- A. Facial weakness
- B. Facial numbness
- C. Taste changes
- D. Hearing loss

103. You see a 34-year-old woman with an asymptotically discovered 1.3-cm vestibular schwannoma. Her hearing tests demonstrate intact hearing. What is the next best step?

- A. Surgical resection
- B. Stereotactic radiosurgery
- C. Observation
- D. Chemotherapy

104. What direction is the facial nerve most often displaced by a vestibular schwannoma?

- A. Anterior
- B. Posterior
- C. Superior
- D. Inferior
- E. Lateral

105. What percentage of hemangioblastomas occur as part of von Hippel-Lindau disease?

- A. 20%
- B. 40%
- C. 60%
- D. 80%
- E. 100%

106. All of these tumor types are associated with von Hippel-Lindau disease except?

- A. Hemangioblastoma
- B. Pheochromocytoma