

Case #1 The images for this case come from a 5cm thyroid mass in a 50 y/o female. Based on the findings, what is the best diagnosis?

- A. Hashimoto's thyroiditis
- B. Lymphocytic thyroiditis
- C. Follicular lymphoma
- D. Marginal zone lymphoma
- E. Papillary carcinoma

Case #2 Images from a thyroidectomy are shown. Based on the morphology, what is the best diagnosis?

- A. Papillary thyroid carcinoma
- B. Follicular thyroid carcinoma
- C. Signet ring cell carcinoma
- D. Signet ring cell change
- E. None of the above

Case #3 A thyroid mass was found in a 40 year old female. A thyroidectomy was performed and representative images are shown. Which of the following is not likely to be positive in this tumor?

- A. CEA
- B. Thyroglobulin
- C. Calcitonin
- D. Congo red
- E. Chromogranin

Case #4 An invasive rapidly growing neck mass was identified in a 75 year old male. The mass was excised, and representative images are shown. IHC for thyroglobulin, chromogranin, and cytokeratins are negative. What is the most likely diagnosis?

- A. Metastatic squamous cell carcinoma
- B. Osteosarcoma
- C. Giant cell tumor
- D. Anaplastic thyroid carcinoma
- E. None of the above

Case #5 A thyroid was removed from a 40 year old female. Grossly, the gland was black, and representative histologic images are shown. Based on the findings, what is the best diagnosis?

- A. Diffuse hemosiderin deposition
- B. Melanosis of the thyroid
- C. Minocycline effect
- D. Linazolid treatment
- E. None of the above

Case #6 A patient is found to have a laryngeal mass represented by the image for this question. Based on the morphology and lack of PAS staining, which of the following is the best diagnosis:

- A. Granular cell tumor
- B. Epitheloid squamous cell carcinoma
- C. Rhabdomyoma
- D. Chondrosarcoma
- E. Rhabdomyosarcoma

Question #1 Which of the following are not found in angiolymphoid hyperplasia with eosinophilia

- A. Regional lymphadenopathy
- B. epitheloid vascular proliferation
- C. Peripheral eosinophilia
- D. Both A and C
- E. All of the above

Notes for question set:¹

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