



IRAP Case Histories

Case #1

Presenter: Yuanzhe Zhu, MBCHB

Attending: Dr. Ewa Borys, MD

Clinical History: A 19-year-old man with a history of focal epilepsy controlled with medication presents for a breakthrough seizure. CT of the head reveals a calcified mass in the left frontal lobe, and MRI shows a hypointense intense T1 lesion with heterogeneous hyperintensity on T2/FLAIR. A craniotomy and evacuation of the lesion are performed. An H&E slide of the evacuated specimen is provided for review. (Scanned slide only).

Case #3

Presenter: Yazan Alhalaseh, MD

Attending: Jodi J. Speiser, MD

Clinical History: A 39-year-old African American man with a past medical history significant for poorly controlled HIV, sickle cell trait, and remote history of syphilis infection presented with anal pain and a diffuse rash of two weeks. Initially, he noted cutaneous lesions in the genital region that later spread to his trunk, face, and extremities. His social history is significant for IV drug use and multiple sexual partners. Physical examination is remarkable for umbilicated, tan-colored cutaneous lesions on the face and trunk and indurated macerated plaques on his genital and perianal region. A biopsy from perianal lesions was performed and provided for review. (Scanned slide only).

Case #2

Presenter: Thanchanok (Friend) Chaiprasit, MD

Attending: Dr. Xianzhong Ding, MD, PhD

Clinical History: A 66-year-old man presented with fatigue, decreased appetite, and unintentional weight loss for the past 6 months. His past medical history is significant for granulomatous lung disease. CT chest and abdomen imaging was performed to reveal a large 10.2 x 8.6 x 8.0 cm hypoattenuating encapsulated mass within the right hepatic lobe. The rest of the liver parenchyma is otherwise unremarkable and demonstrates no gross stigmata of cirrhosis. Partial hepatectomy is performed. An H&E slide from the partial hepatectomy specimen is provided for review. (Scanned slide only).





Case #4

Presenter: Andreas Kontosis, MD

Attending: Vijayalakshmi Ananthanarayanan, MBBS MD

Clinical History: A 71-year-old man with a past medical history of hypertension, diabetes mellitus type 2, and chronic sinusitis presented with a painless, firm right palatal mass (2 months duration). An MRI of the head demonstrated a 3.0 cm bilobed, solid, soft tissue mass located along the posteroinferior wall of the right maxillary sinus with extension into the ipsilateral nasopharynx and soft palate. The patient underwent a right palatectomy with a horizontal maxillectomy. An H&E slide from the resection specimen is provided for review. (Scanned slide only).

Case #5

Presenter: Elnaz Panah

Attending: Xiuzhen Duan, MD, PhD; Xianzhong Ding, MD, PhD

A 69-year-old woman presented to the clinic with postmenopausal bleeding. An MRI of pelvis demonstrated a polypoid lesion at the endometrial fundus. Endometrium and endocervix biopsies were performed. An H&E slide from the endometrium biopsy specimen is provided for review. (Scanned slide only).

Case #6

Presenter: Constantine E. Kanakis, MD MSc

Attendings: Kamran Mirza, MD PhD

Clinical History: A 31-year-old man with a past medical history of congenital hydrocephaly and longstanding history of an indwelling ventriculoperitoneal shunt placed over twenty years prior who is status-post numerous revisions beginning shortly after shunt placement. Additionally, he had a notable, prominent bilateral subdural hemorrhage and hematoma status-post evacuation over fifteen years before the presentation, demonstrating chronicity and calcification on imaging. He had numerous neurological complications, including tongue numbness and chronic baseline hyponatremia. The patient presented to an outside hospital with worsening headache, vomiting, and ataxia. A new, distinct cerebellar mass was noted on imaging. A subsequent biopsy was performed and an H&E slide is provided for review. (Scanned slide only).



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