

Jugular Bulb Diverticulum

- Congenital vascular anomaly of jugular bulb (JB), with focal finger-like projection extending from JB into surrounding skull base
- Imaging
- T-bone CT: Focal projection extending off JB margin superiorly into deep T-bone just behind IAC
- Other directions of extension: Lateral, medial, anterior, or posterior
- Imaging protocol: Start with thin-section T-bone CT
 - If concern lingers, MR with contrast & MRV



Coronal graphic depicts a jugular bulb diverticulum (JBD) as a finger-like superior projection off the JB into the petrous temporal bone (white solid arrow) without extension into the middle ear.



Coronal right ear CT shows a JBD (white solid arrow) as a thumb-like projection arising from the superior JB margin. Continuity with the normal JB and smooth bony margins helps confirm the diagnosis. This JB lesion is more common on the left side. Patients are asymptomatic as a rule.

