CLINICAL STATEMENT: Dysfunction of the eustachian tubes, right ear pressure for three years, otogenic pain.

TECHNIQUE: Axial images were obtained through the temporal bones as well as direct coronal imaging.

FINDINGS: The mastoid air cells, middle ear cavities are clear, well pneumatized. No mucosal thickening or air fluid levels are seen.

The ossicles are intact without displacement.

Normal cochlea, vestibule, semicircular canals, IACs are symmetric.

No aberrant or dehiscent vasculature is seen.

The bony structures are intact. No dehiscence is seen. No destructive changes are noted. The course of the facial nerve is unremarkable bilaterally.

The posterior nasopharyngeal soft tissues are within normal limits. Normal torus and fossa of Rosenmuller.

Paranasal sinuses are clear with the exception of mild mucosal thickening of the posterior ethmoidal air cells bilaterally. No air fluid levels are seen. The nasal septum is deviated to the left side in the anterior one-half.

Skull base foramina are within normal limits and symmetric in their appearance. TMJs are grossly maintained.

Normal intraorbital contents including globes, optic nerve sheath complexes, extraocular muscles.

On coronal images 22 through 24, there is evidence of prominent styloid processes bilaterally. They are segmented. They measure 44 to 47 mm in length bilaterally.

Intracranially, no evidence of hydrocephalus, hemorrhage, or mass is seen. Grossly normal suprasellar cistern.

IMPRESSION:

1. Temporal bones are within normal limits. No mucosal thickening or air fluid levels are seen.
2. Posterior nasopharyngeal soft tissues are within normal limits, symmetric without mass or fullness.
3. Prominence of the styloid processes bilaterally. They are almost 5 cm in length each.
4. Minimal mucosal thickening in posterior ethmoidal air cells bilaterally.