

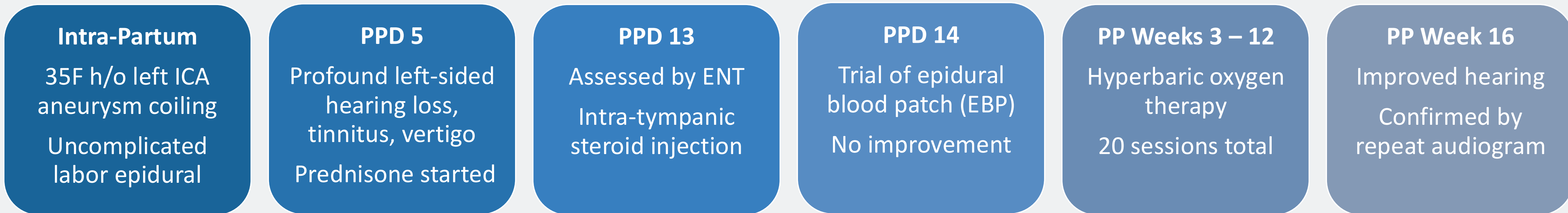
Sensorineural Hearing Loss After Labor Epidural Analgesia: A Diagnostic Dilemma

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Background

- Sensorineural hearing loss (SNHL) – dysfunction of the inner ear, auditory nerve, or CNS.
- Permanent SNHL – reported after dural puncture → CSF leak + ↓ cochlear perilymphatic pressure.

Timeline



Learning Points

- SNHL after accidental dural puncture (ADP) can be unilateral or bilateral, mild or profound, and transient or permanent. Often associated with tinnitus and vertigo.
- EBP → diagnostic tool + treatment for SNHL after suspected ADP. Early EBP is associated with greater likelihood of full hearing recovery.