



Dr. Rahul Bagla ENT Textbook
Ultimate Guide – Makes You Best

Auditory Steady State Response (ASSR)

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It is an electrophysiological test to predict the frequency-specific hearing thresholds. The steady-state pure tone signals(modulated in amplitude and frequency) are used in ASSR unlike, the transient signals of tone bursts or clicks used in ABR producing a frequency-specific audiogram.

Uses :

- Hearing loss of more than 80 dB can be detected. It can help in the early detection of the children who need cochlear implantation.
- ASSR can be done in all ages, any mental state, any degree of hearing loss.
- Multiple frequencies can be assessed at the same time, as long as their carrier frequencies utilize different modulation rates.
- ASSR is an objective test that can be analysed and interpreted easily using statistical methods.

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