Ototoxicity Monitoring Protocol

Chemotherapy with Platinum Derivatives

Baseline Assessment
(Prior to chemotherapy administration)
- Case History
- Otoscopy
- Tympanometry
- Audiometry (AC/BC/Extended High Frequencies)
- DPOAE
- Click and Tone-Burst ABR/ASSR (as indicated)
- Patient Counseling

Cisplatin Chemotherapy
Monitor following every cycle of chemotherapy

Will patient have additional ototoxic treatments?
- Yes
  - Continue Ototoxicity Monitoring Protocol
- No
  - Move to Post Chemotherapy Treatment Follow-up Plan

Carboplatin Chemotherapy
Monitor following every 2-4 cycles of chemotherapy

Post Platinum-Based Chemotherapy Treatment
Follow-up visits are scheduled at 3, 6, 9, and 12 months following treatment. Patients are then seen on an annual basis.

Cranial Radiation Therapy

Baseline Assessment
(Prior to cranial radiation)
- Case History
- Otoscopy
- Tympanometry
- Audiometry (AC/BC/Extended High Frequencies)
- DPOAE
- Click and Tone-Burst ABR/ASSR (as indicated)
- Patient Counseling

Post Radiation Treatment Assessment

High Risk
Followed every 6 months for 5 years

Low Risk
Followed annually for 5 years

Will patient have additional ototoxic treatments?
- Yes
  - Follow both groups annually for 5 additional years, totaling at least 10 years of follow-up post diagnosis.
- No
  - Follow both groups annually for 5 additional years, totaling at least 10 years of follow-up post diagnosis.