

## **Pre-requisite theoretical knowledge for the HCCC in Advanced Audiological Assessment**

1. Calibration of equipment and facilities used in audiological assessment, e.g. audiometers, speech audiometry systems, OAE and ERA systems.
2. Evoked potential testing facilities & equipment, to include daily calibration checks of calibration, electrode preparation and room set up
3. Assessment and treatment planning to include the roles of other professionals
4. Clinical approaches, using clinical reasoning strategies and evidence based practice
5. Non-standard audiometry test techniques, including the following:
  - a. High frequency audiometry
  - b. High resolution (slow swept frequency) audiometry
  - c. cochlea dead regions testing
6. Evoked potential test techniques, including:
  - a. ABR threshold assessment (air, bone, click, tone pip)
  - b. ABR otoneurological assessment
  - c. Cortical ERA threshold assessment
  - d. ECochG assessment (identification of hydrops)
  - e. VEMP testing
7. OAE test techniques, including:
  - a. Hearing screening
  - b. Transient OAE
  - c. Distortion product OAE
  - d. Spontaneous OAE
8. Speech audiometry test techniques, including
  - a. Phonetically balanced word lists in quiet
  - b. Speech in noise tests
9. Content of a full and relevant history
10. Awareness of communication strategies and appropriate language when working with patients.
11. How to integrate relevant information to make an informed decision concerning the diagnosis and management of individual cases

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