



## CENTRAL AUDITORY PROCESSING ASSESSMENTS

### Background information about hearing, listening and central auditory processing (CAP) for adult clients

It is likely that you are coming to the UQ Health and Rehabilitation-Audiology clinic due to concerns about your listening abilities in different environments (for example: work, home, background noise). This may manifest itself as difficulties processing verbal information despite having normal hearing thresholds in both ears.

It is important to understand that listening is a very complex task, and the ability to listen draws on many different skills. Central Auditory Processing (best assessed by an Audiologist) can be thought of as the brain's ability to identify what the sound was, where it came from, and when it occurred. It forms one part of our larger ability to listen and understand; the other parts being language (best assessed by a Speech-Language Pathologist) and attention, memory, and cognition (best assessed by a Psychologist). All parts of listening and understanding must be considered when diagnosing and managing auditory processing disorder.

### What can I expect on the day of my assessment?

The CAP assessment involves the following:

- Case history information: You will be interviewed about the difficulties you are experiencing and other relevant case history information
- Hearing sensitivity: A basic hearing test of tones and speech will be conducted to determine your hearing sensitivity
- Short term auditory memory ability: A screening test will be performed to determine your short-term memory abilities
- Central auditory processing ability: A series of CAP tests will be conducted to determine your CAP abilities

Please expect to attend the Audiology clinic for a full morning session, as the test battery is extensive. As the assessment time will be taken performing the tests, immediate results will not be available. On completion of these assessments and analysis of the results, a detailed report outlining your results, impressions and recommendations will be sent to you via email within approximately 7 days of your appointment.