

| Children $\leq$ 6 Years  | Children $\geq$ 7 Years   |
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| <p><b>Ear Inspection</b><br/>Perform general inspection of the external ears and, when feasible, of the external ear canals.</p>   | <p><b>Ear Inspection</b><br/>Perform general inspection of the external ears. Otoscopic inspection of the external ear canal is optional.</p>   |
| <p><b>Distortion Product Otoacoustic Emissions</b></p> <ul style="list-style-type: none"> <li>· Test frequencies: f2 frequencies of 2000 Hz, 3000 Hz, 4000 Hz, and 5000 Hz</li> <li>· Intensity Levels: L1 = 65dB SPL, L2 = 55dB SPL</li> <li>· Pass criteria for <math>\geq</math> 3 frequencies</li> </ul> <ol style="list-style-type: none"> <li>1) DPOAE - noise floor = <math>\geq</math> 6 dB</li> <li>2) DPOAE amplitude = <math>&gt;</math> 0 dB SPL</li> </ol>  | <p><b>Pure Tone Technique*</b></p> <ul style="list-style-type: none"> <li>· Supra-aural earphones but use sound attenuating insert earphones as needed in noisy settings.</li> <li>· Instruct the child and verify that the child understands the task.</li> <li>· Button pressing response is preferable.</li> <li>· Screen with an intensity level of 20 dB HL at 1000, 2000, 4000 Hz, and 6000 Hz.</li> <li>· Screen the right ear and then the left ear.</li> <li>· Pass Criteria:</li> </ul> <ol style="list-style-type: none"> <li>1) Response to each test frequency in each ear.</li> <li>2) Failure to respond to one or more test frequencies in either or both ears is a refer outcome.</li> </ol> |
| <p><b>Aural Immittance Measures</b></p> <p>Tympanometry</p> <ul style="list-style-type: none"> <li>· Probe tone: 226 Hz</li> <li>· Pressure range: + 200 to – 200 daPa</li> <li>· Pump speed: 200 daPa per second</li> <li>· Pass Criteria:</li> </ul> <ol style="list-style-type: none"> <li>1) Type A tympanogram (peak in range of +25 to – 200 daPa)</li> <li>2) Normal gradient <math>&lt;</math> 160 (optional)</li> </ol> <p>Acoustic Reflex (optional)</p> <ul style="list-style-type: none"> <li>· 1000 Hz pure tone stimulus</li> <li>· Intensity level: 85 dB HL</li> <li>· Pass Criteria: Automatic detection of acoustic reflex amplitude at 0.03 ml</li> </ul> |   |