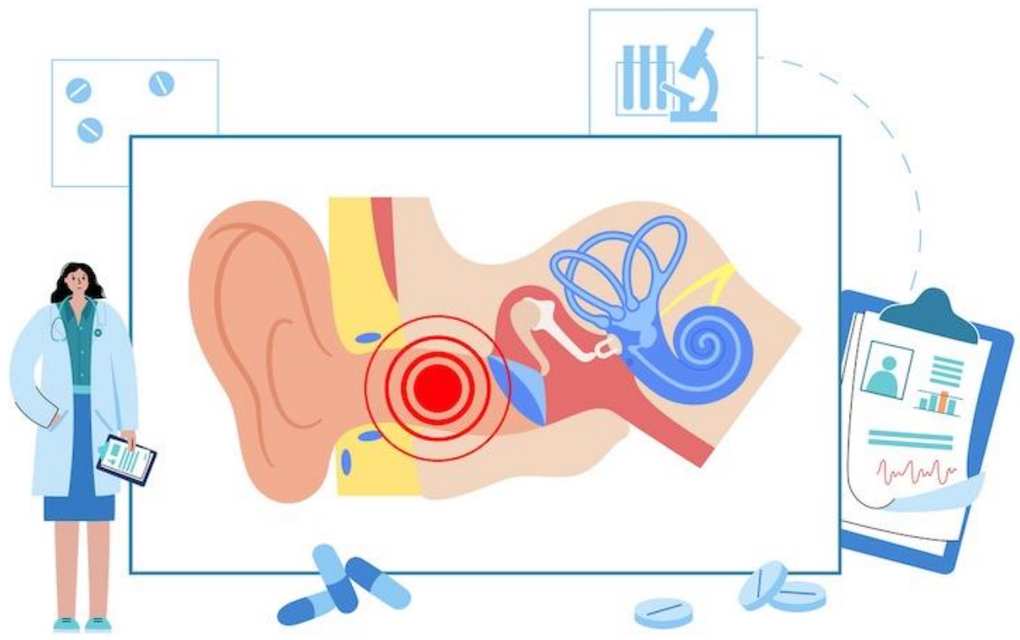
Who is an Audiologist?

Audiologist:

Audiologists are healthcare professionals who help identify, diagnose and manage individuals with hearing, balance, tinnitus, or other related disorders.

Audiologists also promote good hearing and communication through prevention and education.



Audiology Services:

Hearing Assessment

- **Pure Tone Audiometry:** assess hearing thresholds and sensitivity to sounds
- **Speech Audiometry:** assess ability to identify and discriminate speech
- **Immittance Audiometry:** assess function of the middle ear
- **Oto-Acoustic Emissions:** assess function of the outer hair cells in the inner ear
- **Auditory Evoked Potential Response:** assess hearing thresholds through analysing the brain's electrophysiological responses

Balance Assessment

- **Videonystagmography:** assess balance function of the inner ear
- **Video Head Impulse Test:** assess function of the semicircular canals in the inner ear
- **Vestibular Evoked Myogenic Potentials:** assess function of the utricle and saccule of the inner ear

Advise on Hearing Devices

- Evaluate suitability for hearing aids, assistive listening devices or implantable solutions
- Counsel on the usage and maintenance of hearing devices

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Building a Community of Carers

Organised by:

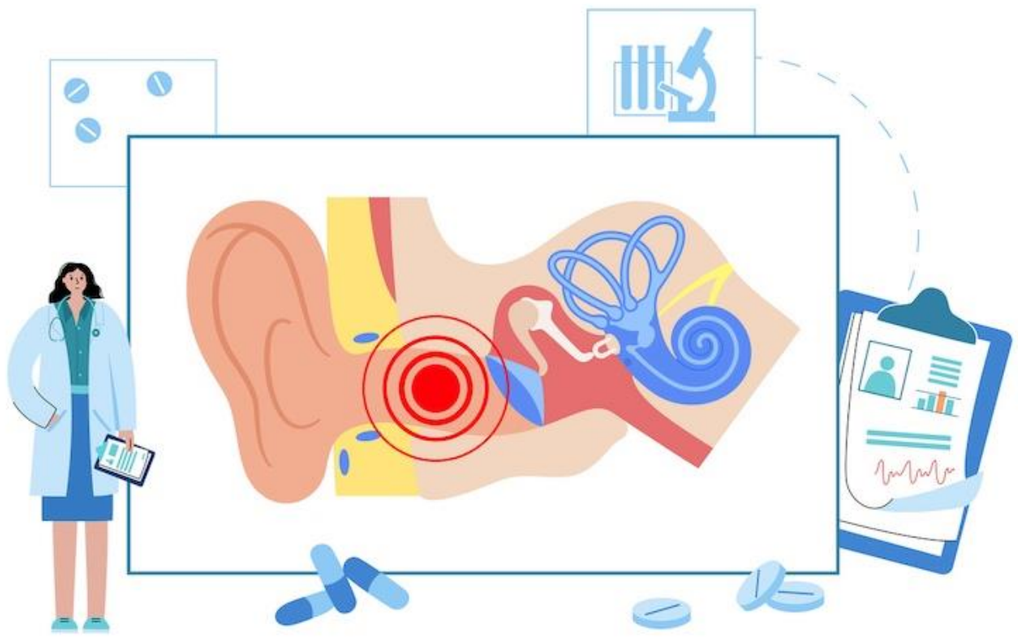
Tan Tock Seng HOSPITAL
National Healthcare Group

谁是听力学家?

听力学家:

听力学家是帮助鉴别，诊断和管理患有听力损失，平衡障碍，耳鸣或其他相关疾病的医疗专业人员。

为了促进大众的听力和沟通能力，他们的职责也包含了听力损失的预防和教育。



听力学服务:

听力评估

- **纯音测听**: 评估听觉能力 (听阈) 及对声音的敏感度
- **语音测听**: 评估语音的侦别和识别能力
- **导抗测听**: 评估中耳的功能
- **耳声发射测试**: 评估内耳里的外毛细胞束的功能
- **听觉诱发电位测试**: 通过大脑的电生理反应评估听力能力

平衡力评估

- **影像眼球震颤测定**: 评估内耳的平衡功能
- **视频头脉冲试验**: 评估内耳半规管的功能
- **前庭诱发肌源性电位**: 评估内耳椭圆囊和球囊的功能

助听器建议

- 评估助听器，助听设备或植入式助听器的适用性
- 指导应用和保养的步骤

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