

SLTH 31344 Voice and Its Disorders

Status	Optional (SLT)
No of Hours	60 hours
No of Credits	4
Learning Outcomes	<ul style="list-style-type: none"> • Demonstrate an understanding of the basic concepts of voice characteristics and voice disorders (Laryngeal and Alaryngeal). • Demonstrate skills in the assessment and management of voice disorders.
Method of Teaching and Learning	<p>Lectures including tutorials, quizzes, Voice Notebook (non assessed assignment), small group work and discussions.</p> <p>Course resources: Power point presentation, videotapes and audiotapes for student viewing and study.</p>
Module Content	<p>Unit 1: Voice: General Principles</p> <p>Definition</p> <p>Development of voice and factors influencing voice</p> <p>Voice Production- Theories of phonation</p> <p>Characteristics of normal voice: Physiological, Acoustical and Aerodynamic correlates of voice</p> <p>Evaluation of voice and implication to abnormal voice</p> <p>Unit 2: Disordered Voice (laryngeal)</p> <p>Definition of abnormal voice</p> <ul style="list-style-type: none"> • Causes and classification of abnormal voice • Incidence and prevalence of abnormal voice <p>Causes, diagnosis, differential diagnosis of voice disorders</p> <p>Unit 3: Disordered Voice: causes, types, characteristics, differential diagnosis</p> <p>Behavioural /functional voice disorders</p> <ul style="list-style-type: none"> • Vocal abuse and misuse (phonotrauma) • Vocal Nodule, Vocal polyp, Contact Ulcer <p>Neurogenic voice disorders</p> <ul style="list-style-type: none"> • Paralysis of vocal cords, Spasmodic dysphonia, Essential tremor <p>Congenital voice disorders</p> <p>Psychogenic voice disorders</p> <p>Resonatory voice disorders</p> <ul style="list-style-type: none"> • Hypernasality, hyponasality, causes, characteristics and management <p>Unit 4</p> <p>A. Voice Disorders: Assessment:</p> <p>Screening</p>

	<p>Case history/background information Perceptual evaluation. (subjective)</p> <p>B. Voice Disorder: Assessment: (Objective) Objective assessment and bio feed back Assessment of the vocal fold function: Laryngoscopy, Stroboscopy, electroglottography Acoustic Analysis : Visi pitch, sound spectrography Air flow and volume measurement : Spirometry, Pneumotachograph Muscle function: Electromyography (EMG)</p> <p>Unit 5 Management of Laryngeal Voice Disorders: General Management Improving vocal health and Hygiene Reducing Hyper functioning Remediating Hypo functioning Medical/Surgical interventions Prevention, Counseling, Feedback and Monitoring Collaborative input</p> <p>Unit 6 Other Specific populations: Voice problems in geriatrics Voice problems in hearing impaired Management of the problems of professional voice users</p> <p>Unit 7 Alaryngeal voice: assessment and Intervention: Incidence, prevalence and treatment modalities for Laryngeal cancer Consequences of a laryngectomy Pre- operative consultation Communication after laryngectomy Voice rehabilitation after laryngectomy <ul style="list-style-type: none"> • Alaryngeal voice options • Demonstrating and teaching alaryngeal voice • Troubleshooting alaryngeal voice rehabilitation devices </p>
Assessment	Exam 100 %