



جامعة البلقاء التطبيقية

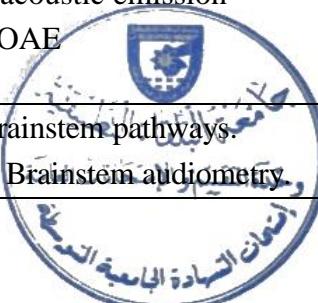
وحدة التقييم والامتحانات العامة

مصفوفة الكفايات والمهارات

العملية لمخرجات التعلم Learning Outcomes

الورقة	الثالثة (المهارات الفنية المتخصصة)
البرنامج/ المسار	المهن الطبية المساعدة
التخصص	تقنيات السمعيات (٠٢٠٨١٥)

Number	Learning Outcomes	
	Knowledge domain	Artistic skills
١	Otoscopic examination and tuning fork test	<ol style="list-style-type: none"> Parts of otoscope How to use otoscope What seen by otoscope Tuning fork test: rinne, weber test
٢	Pure Tone Audiometer	<ol style="list-style-type: none"> Types and degree of Hearing Loss Air conduction Bone conduction Rules of Masking
٣	Tympanometry	<ol style="list-style-type: none"> Procedure of tympanometry Shapes of tympanometry Normal values of tympanometry Interpretation of tympanometry results Eustachian tube function tests
٤	Stapedial reflexes	<ol style="list-style-type: none"> Anatomy and physiology of acoustic reflexes Procedure of acoustic reflexes Diagnostic applications of acoustic reflexes measurement
٥	Otoacoustic emission	<ol style="list-style-type: none"> Physiology of otoacoustic emission Types of otoacoustic emission The importance of otoacoustic emission Screening otoacoustic emission Procedure of OAE
٦	Auditory brainstem response	<ol style="list-style-type: none"> Anatomy of brainstem pathways Physiology of Brainstem audiometry





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		<ol style="list-style-type: none">3. Preparation of patient for auditory brainstem audiometry.4. Procedure for Brainstem audiometry5. Interpretation of the results
٧	Hearing aids	<ol style="list-style-type: none">1. Types of hearing aids2. Advantages and disadvantages of hearing aid3. The main components of hearing aids4. Earmold
٨	Pediatric audiology	<ol style="list-style-type: none">1. Pre and pre-natal causes of deafness2. Post natal causes of conductive hearing loss3. Post natal causes of sensory neural hearing loss4. Screening and diagnostic Hearing tests from 6 month to 5 years
٩	Habilitative pediatric audiology	<ol style="list-style-type: none">1. Early identification2. Language development of children3. Amplification of hearing impaired children4. Counseling children with hearing loss and their families.5. Counseling for pediatric amplification
١٠	Special tests for non-organic hearing loss	<ol style="list-style-type: none">1. The stenger test2. Ascending-descending3. Swinging story test4. The yes-no test5. Low-level speech recognition method testing6. Acoustic reflexes and ABR
١١	Tinnitus and hyperacusis	<ol style="list-style-type: none">1. Neurophysiological causes , mechanisms and models2. Evaluation :medical3. Measuring the tinnitus4. Measuring the reaction of tinnitus5. Treatment: counseling , sound therapies , tinnitus activities treatment





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١٢	Cochlear implant system	<ol style="list-style-type: none">1. Cochlear implant parts:<ol style="list-style-type: none">a. External partb. Internal part
١٣	Pre-implant audiological tests	<ol style="list-style-type: none">1. Pure tone audiometry2. Visual reinforcement audiometry,3. Tymanometry4. Otoacoustic emission5. Hearing aid fitting6. Auditory brain stem audiometry7. Expressive and receptive language
14	Intra op and post op tests	<ol style="list-style-type: none">1. Telemetry- impedance measurements.2. Electrical stapedial reflex measurements3. Neural response telemetry
15	Auditory verbal training	<ol style="list-style-type: none">1. Stages of auditory verbal training2. Strategies in auditory verbal training

