



جامعة البلقاء التطبيقية
وحدة التقييم والامتحانات العامة
مصفوفة الكفايات والمهارات
العملية لمخرجات التعلم Learning Outcomes

الثالثة (المهارات الفنية المتخصصة)	الورقة
المهن الطبية المساندة	البرنامج/ المسار
تقنيات السمعيات (٢٠١٥)	التخصص

Number	Learning Outcomes	
	Knowledge domain	Artistic skills
١	Otoscopic examination and tuning fork test	<ol style="list-style-type: none">1. Parts of otoscope2. How to use otoscope3. What seen by otoscope4. Tuning fork test: rinne, weber test
٢	Pure Tone Audiometer	<ol style="list-style-type: none">1. Types and degree of Hearing Loss2. Air conduction3. Bone conduction4. Rules of Masking
٣	Tympanometry	<ol style="list-style-type: none">1. Procedure of tympanometry2. Shapes of tympanometry3. Normal values of tympanometry4. Interpretation of tympanometry results5. Eustachian tube function tests
٤	Stapedial reflexes	<ol style="list-style-type: none">1. Anatomy and physiology of acoustic reflexes2. Procedure of acoustic reflexes3. Diagnostic applications of acoustic reflexes measurement
٥	Otoacoustic emission	<ol style="list-style-type: none">1. Physiology of otoacoustic emission2. Types of otoacoustic emission3. The importance of otoacoustic emission4. Screening otoacoustic emission5. Procedure of OAE
٦	Auditory brainstem response	<ol style="list-style-type: none">1. Anatomy of brainstem pathways.2. 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 peadiatric 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 :medicals3. Measuring the tinnitus4. Measuring the reaction of tinnitus5. Treatment: counseling , sound therapies , tinnitus activities treatment





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١٢	Cochlear implant system	1. Cochlear implant parts: a. External part b. Internal part
١٣	Pre-implant audiological tests	1. Pure tone audiometry 2. Visual reinforcement audiometry, 3. Tymanometry 4. Otoacoustic emission 5. Hearing aid fitting 6. Auditory brain stem audiometry 7. Expressive and receptive language
14	Intra op and post op tests	1. Telemetry- impedance measurements. 2. Electrical stapedial reflex measurements 3. Neural response telemetry
15	Auditory verbal training	1. Stages of auditory verbal training 2. Strategies in auditory verbal training

