: AL-AZHAR university

Faculty : Faculty of Medicine

Department: OTORHINOLARYNGEOLOGY Department (audiology unit)

Course Specification

1. Course Data		
	Course Title: Doctorate of audiology	**Academic Year / level** 2014-2015
Specialization: audiology	**Single program**	

2.Course objectives;	1-adequate knowledge of audiological medical problems & diseases releated to ear & vestibular system 2- adequate skills 3-positive attitude to communicate with patient ,collegue and co workers
2. Intended Learning Outcome (ILOs)	
A. Knowledge and Understanding:	by the end of the course the physician should be able to describe: A.1 Mention the normal structure and function of the human head and neck A.2 Understand the normal physiology of auditory and vestibular system A.3 Have a well-established knowledge about speech A.4 Understand Physiques of the sound and psychoacoustic correlation A.5 Mention syndromes related to hearing A.6 Enumerate Neurological diseases leading to hearing loss

	A.7 Have good knowledge about statistics
	A.8 Understand scientific developments in the field of audiology
	A.9. Understand the mutual influence between professional practice and it's impact on the environment.
	A.10 Mention the ethical and legal principles of professional practice in the field of audiology.
	A.11 Know the principles and fundamentals pf quality assurance of professional practice in the field of audiology.
	A.12 Have a good knowledge about research design in audiology
B. Intellectual Skills:	B.1 Integrate data from history and examination to formulate diagnosis. B. 2 choose appropriate investigation according to situation B. 3 interpret the report of each audiological test &investigation
C. Professional Skills:	C.1 Perform both comprehensive and problem focused history and physical examination. C.2 develop a professional diagnosis and dd after performing the appropriate audiological tests. C.3 develop management strategies for patient with otological problems
D. General Skills:	D.1 By the end of the course, the candidate should be able to deal with stuff and co-stuff respectively regardless the degree of occupation. D.2 work effectively in groups. D.3 maintain the professional image concerning behaviour ,dress,speech and communications. D.4 maintain responsibility toward the work
3. Course Content	1. Basic audiological evaluation

	2. Evaluation of infants and children
	3. Special test pattery for cochlear lesion
	4. Special test pattery for retro cochlear lesions
	5. Central auditory test
	6. Auditoru evoked potentials
	7. Autoacoustic emmesions
	8. Hearing aids
	9. Rehabilitation of hearing impairment
	10. Cochlear implants
	11. Vestibyular evaluation and rehabilitation
	12. Ontological disorders related to audiology
	13. Screening in audiology
	14. Noise induced hearing loss
	15. Recent advances in audiovestibular system and its treatment and rehabilitation
4. Teaching and Learning Methods	1-lectures: white board, computers, data show, overhead projector and CDs. Two hours per week throughout the course. 2-practical lessons. 3-Assignment 4-Open discussion ,group discussion.
5. Student Assessment:	
a. Procedures used:	1. Written exams to assess knowledge 2. Oral exams to assess intellectual skills and attitude 3. Clinical examination
b. Schedule:	1. Final written exam in one paper. 2. Oral exam: immediately after the final written exam 3. Clinical examination
c. Weighing of Assessment:	• Final-term examination • Written examination 50 %

	• Oral & Practical examination. 50 %
6. List of Textbooks and References:	
a. Course Notes	paper and electronic
b. Required Books (Textbooks)	• Essential books (text books). -
c. Recommended Books	• Recommended books -
d. Periodicals, Web Sites, …, etc.	Pub med ,med escape,……………