COURSE SPECIFICATION

Neurology of Phoniatric disorders

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate Master degree of Phoniatrics/ PHON 500
(2) Department offering the programme:	Otorhinolaryngology Department
(3) Department responsible for teaching the course:	Neurology Department
(4) Part of the programme:	Second part
(5) Date of approval by the Department`s council	15/5/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Neurology of Phoniatric disorders
(8) Course code:	PHON 512
(9) Total teaching hours:	45 hs/15wks (lectures)+30 hs/15 wks(clinical)

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

The course discuss the neurological disorders related to patients with communication and swallowing disorders outlining the methods of diagnosis (bedside, radiological, laboratory, EEG..) and management.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

A. Acquire specific knowledge in the epidemiology, etiology, pathogenesis, prophylaxis, clinical physiology, diagnostics, differential diagnostics, therapeutics of dysartheria due to neurological (central, peripheral) and muscular diseases.
A. Acquire specific knowledge in the epidemiology, etiology, pathogenesis, prophylaxis, clinical physiology, diagnostics, differential diagnostics, therapeutics of Dysphasia, aphasia.
A. Acquire specific knowledge in the epidemiology, etiology , pathogenesis, prophylaxis, clinical physiology, diagnostics, differential diagnostics, of the swallowing disorders (Dysphagias) due to problems in the oral, and/or pharyngeal stages of swallowing (neurological disorders).

B- Intellectual skills :

B5. Outlines the role of pharmacological therapeutic agents in treatment of diseases of voice, speech, language and swallowing in order to be able to describe them when needed.

B15. Determines the cause of the neurological deficit in the domain of phoniatric disorders and selects the proper investigation and interpretation of radiological findings (CT and MRI of the brain).

B16. Interprets the electroencephalogram (EEG).

C- Professional/practical skills:

C. Examines as the nervous system efficiently in order to detect organic changes and evaluate its significance and in order to associate between these signs and the symtomatology collected previously.

D- Communication & Transferable skills:

D2. Cooperates with disciplines related to disorders of voice, speech, language and swallowing in order to participate in teamwork necessary for the proper management of those patients .

D3. Conveys his/her ideas to specialists in other disciplines in order to be able to function effectively in a group.

D4. Identifies the capacities and limitations of the other medical specialties participating with him/her in the clinical teams in order to be able to put effectively an integrated , realistic therapeutic program.

D5. Practices the activities of group interaction in order to be able participate efficiently in the activities of the clinical teams.

(3) Course content:

Subjects	Lectures	Clin/Lab	Field	Total lectures Hours
1- Cerebrovascular disorders.	2×3lectures	3hs		6 hours
2- Extra-pyramidal disorders.	2×2lectures	2hs	-----	4 hours
3- Disorders of the cranial nerves.	5×1lectures	4hs	-----	5 hours
4- Demyelinating disorders.	3×1lectures	3hs		3 hours
5- Intracranial tumors and infections.	2×2lectures	2hs		4 hours
6- Dementia.	3×1lectures	2hs		3 hours
7- Muscles disorders and myoneural junction disorders.	2×2lectures	1hs		4 hours
8- Polyneuropathies.	2×2lectures	2hs		4 hours
9- Epilepsy.	2×2lectures	1hs		4 hours
10 – Assessment of a neurological case (including interpretation of CT and MRI of the brain and EEG).	2×2 lectures	6hs/ 15wks)		4 hours
11- Management of a neurological case.	2×2 lectures	4hs		4 hours

(4) Teaching methods:

4.1: Lectures

4.2: Power point presentation

(5) Assessment methods:

5.1: Written exam for assessment of A7, 8, 9, 16, D2-5(after 30 months from the date of registration to the degree).

5.2: Oral / clinical exam for B5, 15, C2

5.3 MCQ continuous assessment at the end of the semester.

(6) Percentage of each assessment to the total mark:

6.1. Written exam: 100 marks (including 20 marks MCQ).

6.2 Oral exam: 50 marks.

6.3 Clinical exam: 100 marks

(7) References of the course:

6.1. Brain's Disease of The Nervous System.,Oxford University Press, 2001.

6.2. Adams & Victor's Principle of Clinical Neurology. McGraw-Hill, Medical publishing division, 2001.

(8) Facilities and resources mandatory for course completion:

Lecture halls and data show.

Course coordinator: Prof. Dr. Tamer Samir Abou-Elsaad