



COURSE SPECIFICATION

Pediatric neurology of Phoniatic disorders

“Elective course”

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Master degree of Phoniatics/ PHON 500
(2) Department offering the programme.	OtoRhinolaryngology Department– Phoniatic Unit
(3) Department responsible for teaching the course.	Pediatric Department – Pediatric neurology unit
(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.	pediatric neurology of Phoniatic disorders
(8) Course code.	PHON 524 PSY
(9) Total teaching hours.	15hours/15weeks

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows.

The course discusses the neurological disorders related to pediatric patients with communication disorders outlining the methods of assessment and pharmacological therapy.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A7. Acquire specific knowledge in the epidemiology, etiology, pathogenesis, prophylaxis, clinical physiology, diagnostics, differential diagnostics, therapeutics of dysarthria due to neurological (central, peripheral) and muscular diseases.

A9. Acquire specific knowledge in the epidemiology, etiology, pathogenesis, prophylaxis, clinical physiology, diagnostics, differential diagnostics, therapeutics of mental retardation and brain damaged motor handicapped child (cerebral palsy).

A12. Acquire specific knowledge in the epidemiology, etiology, pathogenesis, of the pediatric swallowing disorders (Dysphagias) due to problems in the oral, and/or pharyngeal stages of swallowing (neurological disorders).

A18. Acquire the basic knowledge for evaluating of children with outpatient health problems, disabilities and milestones delay.

B- Intellectual skills .

B5. Outlines the role of pharmacological therapeutic agents in treatment of epilepsy and other pediatric neurological disorders.

B13. Assess the developmental milestones of children and classify their different types of disabilities.

B14. Recognizes high risk children for disabilities and determine the degree of handicap.

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

B16. Interprets the electroencephalogram (EEG).

(3) Course content:

Subjects	Lectures	Clin/Lab	Field	Total Teaching Hours
1- Cerebral palsy: - Classification. - Multifaceted nature of the problem (clinical picture and associated problems). - Diagnosis and assessment. - Deferential diagnosis. - Teamwork management	1×3lectures			3 hours
2- Mental retardation: Definition, etiology, degrees, clinical picture, diagnosis and assessment, deferential diagnosis and management	1×2lectures	-----	-----	2hours
3- Epilepsy: Definition, incidence, etiology, types and clinical picture of each, diagnosis and assessment, deferential diagnosis and management.	1×2lectures	-----	-----	2 hours
4- Involuntary movements: Types, clinical picture, diagnosis and assessment, deferential diagnosis and management.	1×2lectures	-----	-----	2 hours
5- Intracranial infections: classification, etiology, clinical picture, complications, diagnosis and assessment, deferential diagnosis and management.	1×1lecture	-----	-----	1 hour
6- Hydrocephalus: Aetiology, clinical picture, diagnosis and assessment, deferential diagnosis and management.	1×1lecture	-----	-----	1 hour
7- Assessment of a neurological case (including interpretation of CT and MRI of the brain and EEG).	1×2lectures	1 hour	-----	3 hours
8- Management of a neurological case.	1×1lecture	-----	-----	1 hour

(4) Teaching methods:

4.1: Lectures

4.2: Power point presentation

(5) Assessment methods:

5.1. Written / oral exam for assessment of A5, 8, 10, 13, b5, 7, D1-6(after 30 months from the date of registration to the degree).

5.2 MCQ continuous assessment at the end of the semester.

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

6.1. Written exam: 50 marks (including 10 marks MCQ).

6.2 Oral exam: 50 marks.

(7) References of the course:

7.1. Kotby, M.N. (1980): Diagnosis and management of communicatively handicapped child. Ain Shams Medical Journal; 31: 303-317.

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

7.3. 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