



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

**Department of Physical Medicine, Rheumatology &
Rehabilitation**

Program Specifications

**Physical Medicine, Rheumatology
& Rehabilitation Diploma Degree**

2014-2015

Physical Medicine, Rheumatology & Rehabilitation Program Specifications
University: Tanta Faculty: Medicine Department: Physical Medicine

A- Basic information

1- Program title: Diploma of Physical Medicine, Rheumatology & Rehabilitation.

2- Program Code: PRR 700

3- Program coordinator: Dr. Radwa Mostafa Elkhoully

4- program internal evaluators: Prof. Dr. Mervat Ismail Hussein

5- program external evaluators: Prof. Dr. Amir Yousef- Mansoura Faculty of medicine.

6- Date of approval: 5/11/2014

7- Departments offering the courses of the program:

Physical Medicine, Rheumatology & Rehabilitation, General Medicine, Orthopedic and Neurosurgery, Anatomy and Physiology faculty of Medicine. Tanta University

B_ professional information

1 – Overall program aims

The goals of this program is making candidate qualified in the field of Rheumatology and Rehabilitation to make a proper diagnosis of different rheumatology disorders and rehabilitation problems on the basis of adequate history, physical examination and interpretation of supportive investigation, perceive and integrate progress in rheumatology and rehabilitation and maintain and improve his standards of knowledge, skills, and self education.

2 – Intended learning outcomes (ILOs):

a- Knowledge and understanding:

1. By the end of the program graduate should be able to :

a.1 - Describe the theories and principles, and up dates in rheumatology and rehabilitation and related sciences needed in his career.

a.2 - Describe the ethical and legal principles of medical and professional practice.

a.3 - Discuss basic principles of rehabilitation medicine, impairments, disability and handicapping.

a.4 - Identify basics of health and patient's safety and safety procedures during practice.

a.5 -Identify proper patient care and patient's rights to obtain the optimum health care & effective treatment of rheumatic diseases.

a.6 - Identify the principles of quality assurance in medical practice.

a.7 - Identify the effect of medical practice on surrounding environment, and how to develop and protect environment.

a.8 - Demonstrate knowledge and productivity in rehabilitation science

b- Intellectual skills

2. By the end of the program, candidates should be able to:

- b.1 - Integrate basic science of anatomy, immunology and physiology of connective tissue, bone, joint and muscle with clinical care of patients with rheumatic disorders.
- b.2- Explain the scientific basis of the methodology, list indications and interpret laboratory tests and imaging procedures used in diagnosis , management and research of rheumatic diseases.
- b.3 - Evaluate drug pharmacology, pharmacokinetics, including drug metabolism, adverse effects, and interactions.
- b.4- Interpret electromyography and nerve conduction studies.
- b.5- Apply physical medicine and design rehabilitation program in patients with rheumatic, neurological, orthopedic and other medical disorders.
- b.6-Choose rehabilitation program of exercise-related illness(sport).
- b.7-Prescribe and evaluate orthoses and prostheses of different parts of the body.

c- Professional &practical skills

By the end of the program, students should be able to:

- c.1- Examine patients, to include a specific examination of structure and function of all joints, both axial and peripheral, as well as particular structure and muscle units.
- c.2- Use bone and joint imaging techniques with proper interpretation of its report.
- c.3- Assess and Interpret bone density measurement .
- c.4- Use of non-steroidal anti-inflammatory drugs, disease modifying drugs, and biological agents, glucocorticoids, cytotoxic drugs, antihyperuricemic drugs and antibiotic therapy.

d- General and transferable skills :

By the end of the program, graduates should be able to:

- d.1-Communicate effectively with his colleagues and patients.
- d.2- perfect basics of information technology using skills which serve his career development.
- d.3- Apply self evaluation and specify his medical educational needs.
- d.4- Use different learning resources to get knowledge and information.
- d.5- Design parameters to evaluate his performance.
- d.6- Practice team working ,and lead teams in specified professional jobs.
- d.7-Manage time perfectly.
- d.8- Perform continuous medical education.

3- Academic standards adopted:

Medical academic standards for diploma degree adopted by the faculty council in 24/5/ 2010 and offered by The Egyptian Authority for Quality Assurance and Accreditation for Education (NAQAAE) for post graduate 2009 was adopted.

*** External references for standards:**

- In Rheumatology medicine: Manchester faculty of medicine.
<http://www.medicine.manchester.ac.uk/postgraduate/taught/clinrheumatology>
Contact email: Lisa.McClair@manchester.ac.uk
- In Rehabilitation medicine: University of Cincinnati Academic Health Center.

<http://www.med.uc.edu/pmr/residents/curriculum.asp>

4 – Curriculum structure and content :

4-a- Program duration: 18 months

4-b- Program structures:

	Credits hours				Credits hours
	theoretical	practical	selective	scientific	
First part	8	4	4	2	18
Second part	8	4	4	2	18

	Taught hours				Credits hours
	theoretical	practical	Scientific	elective	
First part	120	120	120	60	18
Second part	120	120	120	60	18

5-Courses included in the program:

5.1 Courses titles in first part

5.1.a-compulsory

	Code	Course Title	No. Of Hours /Week		Total credit hours / course	Remarks	Program ILOsCovered
			theoretical	Practical			
Semester A	PRR7001 physioanat	Physiology Anatomy	30	30	3		a.1,b.1,2, d.1 a.1,b.1,2,
Semester A	PRR7002 phys	Physics	30	30	3		a.1,b.1,3,c.1, d.2
Semester B	PRR7004 surg	Surgery& Orthopedic	30	30	3		a.1,b.1,2,c.1, d.1
Semester B	PRR7003 int-med	Internal Medicine	30	30	3		a.1,b.1,2,c.1, d.1

Matching of ARS and program ILOS

			program ILOs versus courses ARS																				
ARS			A				B					C		D									
			1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7			
Program ILOS	A	1	*																				
		2		*																			
		3	*																				
		4		*																			
		5		*																			
		6			*																		
		7				*																	
		8	*																				
	B	1					*																
		2					*		*														
		3								*													
		4					*																
		5						*															
		6									*												
		7									*												
	C	1										*											
		2											*										
		3										*											
		4										*											
	D	1												*									
		2													*								
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		4															*						
		5															*						
		6																	*			*	
		7																	*				
		8																				*	

6. Program admission requirements:

1-program duration: 2 years (24 months) / 36 credit hour

4-2-program structure:

1st part: (through the first 8 months after registering to the degree, for 18 credit hours and accounts for 30% of marks, its passage is a must for admission to second part)

شروط الإلتحاق والحصول على الدرجة العلمية لدرجة الدبلوم

1- أن يكون حاصلًا على بكالوريوس الطب والجراحة من إحدى الجامعات الحكومية المصرية أو على درجة معادلة بها من المجلس الأعلى للجامعات.

- 2- أن يكون قد أمضى عام للتدريب فى التخصص بإحدى مستشفيات وزارة الصحة العامة أو التعليمية أو المراكز الطبية، ويعفى من ذلك الأطباء المقيمين بمستشفيات طنطا الجامعية بعد قضاء سنة الإمتياز .
- 3- أن يتفرغ للدراسة لمدة سنة على الأقل (فى الجزء الثانى)
- 4- يتم القيد فى شهر أبريل وأكتوبر من كل عام ويجوز لمجلس الكلية تغيير الموعد طبقا للظروف
- 5- يسمح بالتقدم لإمتحان الجزء الأول بعد مضى 6 شهور من تاريخ القيد ولا تبدأ الدراسة بالقسم الثانى إلا بعد النجاح فى القسم الأول.
- 6- يتم قبول الدارسين بعد موافقة مجلس القسم ولجنة الدراسات طبقا للقواعد المنظمة لذلك.

7. Regulation for progression and program completion

Registration, progress requirements, and schedule of written exams are provided by the faculty through the post graduate guide book according to postgraduate rules

8. Program assessment and evaluation:

الإمتحانات					المنهج				المقرر الدراسى	الجزء الأول
مجموع الدرجات	الأبجيدى	شفوى	عملى	نحريرى	عدد الاوراق	المنقاط المستخدمة	الساعات المستخدمة	الكود		
75		30		45	1	9	3	PRR 7001	1. مقرر علمى فى الأشرح التطبيقى و مقرر علمى فى الفسيولوجيا التطبيقية فيما يخص الجهاز الحركى.	
75		30		45	1	9	3	PRR 7002	2. مقرر علمى فى الطبقة التطبيقية فيما يخص الجهاز الحركى والأوردة اللموية.	
75	15	15		45	1	9	3	PRR 7003	3. مقرر علمى وكلينيكى فى الأمراض الجاطنة فيما يخص الجهاز الحركى والسناعى.	
75	15	15		45	1	9	3	PRR 7004	4. مقرر علمى وكلينيكى فى جراحة الأعصاب وجراحة العظام	
						12	4		مقررات اختيارية.	
						4	2		أنشطة علمية.	
600	45	45	30	180	1	18	6	PRR 7005	1. مقرر علمى وعملى وكلينيكى فى الأمراض الروماتيزمية وأمراض الجهاز الحركى وأمراض السناعة	
	45	45	30	180	1	18	6	PRR 7006	2. مقرر علمى وعملى وكلينيكى فى الطب الطبيعى وفروعه وفى التأهيل وفى التشخيص الكهروفسولوجى.	
						12	4		مقررات اختيارية.	
						4	2		أنشطة علمية.	
900	120	180	60	540		104	36		المجموع	

- program external evaluator: Prof. Dr. Amir Yousef- Mansoura Faculty of Medicine
- Program Internal evaluator : Prof. Dr. Mervat Ismail Hussein
- Reports of external and internal evaluators
- Questioners to students and stick holders
- Reports of faculty internal auditing system

Will be included in the annual program report, and action plane will be structured accordingly.

9-We certify that all of the information required to deliver this program is contained in the above specifications and will be implemented

<p>Program coordinator and head of department name.....signature.....Date.....</p> <p>Head of quality assurance unit: name.....signature.....Date.....</p>
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