



Demonstrator

Mansoura University
Faculty of Medicine
Human Anatomy & Embryology Department

LOG BOOK

Personal Data

Name:

Date of Birth:/...../.....

Home Address:

Telephone Number:

Mobile number:

e- mail Address:

M.B., B. Ch.:

Date:/...../.....

Degree:

Present Job:

Work address:

Date of appointment:/...../.....

Master Degree:

Date of registration:/...../.....

Date of graduation (1st part):/...../.....

Date of discussion of thesis:/...../.....

Date of graduation (2nd part):/...../.....

Final degree:

Head of the Department

**Vice Dean for research
and postgraduate study**

Contents

Demonstrator:

A. Master Degree Course:

- **Scientific Lectures (1st part)**
- **Practical Training Courses (1st part)**
- **Scientific Lectures (2nd part)**
- **Practical Training Courses (2nd part)**

B. Master Degree Thesis

C. Scientific Activities:

- **Seminars**
- **Conferences**
- **Thesis Discussion**
- **Training Courses and Workshops**

D. Other Activities at the Department:

I. Student Sections

II. Sharing in daily activities of the museum including dissection and preparation of jars.

III. Helping the staff members in editing the department books.

VI . Others :

Demonstrator

A. Master Degree Course: Scientific Lectures (1st part):

Date	Title	Supervisor
	1. GENETIC COURSE:	
	DNA structure and replication	
	DNA structure and replication	
	DNA structure and replication	
	RNA and protein, structure and synthesis	
	RNA and protein, structure and synthesis	
	RNA and protein, structure and synthesis	
	Cytogenetic analysis	
	Interphase and DNA repair	
	Cell division	
	Chromosomal aberrations	
	ISH & FISH	
	The human genome	
	Mitochondrial DNA	
	Patterns of inheritance	
	The genetic basis of cancer	
	2. MOLECULAR BIOLOGY:	
	Molecular Biology	
	-Nucleic Acid Structure	
	<i>Organization of Eukaryotic</i>	
	- DNA	

DNA replication (DNA
 -synthesis)
 -Mutation
 -DNA repair
 -Transcription
 Post transcriptional Modification
 -
 Genetic code and protein
 synthesis
 -Protein synthesis
 Post transcription modification
 of proteins-
 -Regulation of gene expression
 Recombinant DNA technology
 -(genetic engineering)

3. RADIOLOGICAL ANATOMY:

Cross sectional Anatomy
 Different modalities used in diagnostic
 imaging:

X- RAY, C.T AND M.R.I of :

1. Head and neck
2. Vertebral column.
3. Chest
4. Abdomen and pelvis.
5. Upper and lower limbs.

	4. GENERAL EMBRYOLOGY:	
	Gametogenesis ,Spermatogenesis ,Spermiogenesis and Oogenesis Ovarian cycle Menstrual cycle Fertilization Cleavage Implantation Decidua Formation of germ layers Differentiation of germ layers Folding of the embryo Amnion Yolk sac Chorion Placenta Umbilical cord Multiple pregnancies Prenatal growth of the developing fetus	
	5. HISTOLOGY:	
	Introduction, micro-techniques	
	Microscopy	
	Cell membrane	
	Membranous organelles	
	Non membranous organelles	
	Cell inclusions	
	Nucleus	
	Epithelium	
	C.T proper	
	Cartilage	
	Bone	
	Muscle tissue	
	Nervous tissue	

Practical Training Courses (1st part):

Date	Training Subject	Supervisor
	Karyotyping techniques	
	FISH technique	
	PCR	
	Blotting techniques	
	How to prepare a paraffin section	
	Staining	
	CT interpretation	
	MRI interpretation	
	US interpretation	

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Karyotyping techniques	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
FISH technique	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
PCR	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Blotting techniques	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
How to prepare a paraffin section	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Interpretation of different C.T	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Interpretation of different MRI	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
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			3					
			4					
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Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
U.S Interpretation	1							
	2							
	3							
	4							
	5							
		1						
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		3						
		4						
		5						
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			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Staining	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
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			4					
			5					

Scientific Lectures (2nd part):

Date	Title	Supervisor
	Upper limb	
	Lower limb	
	Abdomen	
	Pelvis	
	Thorax	
	Head and Neck	
	Neuroanatomy	
	Clinical and surgical Anatomy	

Practical Training Courses (2nd part):

Date	Training Subject	Supervisor
	Separate bones of the hand and articulation.	
	Separate bones of the foot and articulation.	
	Separate bones of the skull.	
	Dissection of specimens.	
	Training for making museum jars.	
	Elective practical course	

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Separate bones of hand and articulations	1							
	2							
	3							
	4							
	5							
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		2						
		3						
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		5						
			1					
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			3					
			4					
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Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Separate bones of foot and articulations	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Separate bones of skull	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Dissection of specimens	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Training for making museum jars	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

Skill	Level of performance			Trainer's assessment			Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Good		
Elective practical course	1							
	2							
	3							
	4							
	5							
		1						
		2						
		3						
		4						
		5						
			1					
			2					
			3					
			4					
			5					

B. Master Degree Thesis:

Title:

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Supervisors:.....

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Summary of the Thesis:

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Supervisors:

Name				
Signature:				

Conferences (attendance, speaker and posters):

Date	Conference(site and title)	Supervisor

Thesis Discussion (attendance)

Date	Thesis title	Supervisor

