المركز الوطني لضمان جودة واعتماد المؤسسات التعليمية والتدريبية

المتطلبات الأكاديمية للمقرر الدراسي

اسم المؤسسة التعليمية: كلية الطب – جامعة درنة

اسم البرنامج التعليمي: بكالوريوس طب وجراحة

اسم المقرر: ANATOMY I

رمز المقرر:. AN1101

الفصل/العام الدراسي :. المرحلة الاولي (السنة الاولي)

2024

1. General information:

University	Darnha university
Collage	Medical collage
Department	Anatomy I
Code	AN1011
Course title	Anatomy and general embryology
Teaching hours	210 hrs
Language	English
Course coordinator	Dr. moath ben thare
Date on start	2009

2. Objectives of course

- Providing students with knowledge concerning the normal structure of the human body at the level of the upper limb , lower limb , and thorax.
- The study of the normal growth and development during the frist three months of intrauterin life.
- To correlate anatomical facts with their clinical applications.

3. Intending learning outcomes (ILOs):

a) Knowledge and understanding

a.1	Identify basic anatomical structures of human body
a.2	Identify structures of different regions of upper limb (muscles, nerves, blood vessels, bones and joints)
a.3	Identify general principles of general embryology
a.4	Identify internal and external structures of thorax (including heart , lungs and medistanum)
a.5	Identify structures of different regions of lower limb (muscles, nerves, blood vessels, bones and joints)

b) Intellectual skills :

b.1	Correlate and analyze the anatomical facts to clinical aspects
b.2	Interpret the normal structures on radiographs and ultrasonography
b.3	Understanding surface anatomy of important structures
b.4	Interpret important landmarks for clinical parctical

c) Practical and professional skills :

c.1	able to distinguish different bones of body and their structures
c.2	Able to examine internal structures in models
c.3	Interpret some clinical finding in relation to developmental basis
c.4	Apply the anatomical facts while examining living subject in order to reach a proper diagnosis

d) General and transferable skills

d.1	Obtain good communication skills orally and writing
d.2	Apply IT skills to present a scientific work
d.3	Demonstrate appropriate respect to colleagues and work effectively in team
d.4	Maintain a professional image concerning behavior, dress and speech

4. Course contents

Chapter	Weeks	Subject	Lecture	Practical	totorial	PBL
General anatomy	1	Introduction to anatomy and body plans	4	2		
	2	Anatomical terms related to position and movement	4	2	2	
	3	Skin, muscle s, deep fascia and bones	4	2		
	4	Cartilage , joints , ligaments, nerves and blood vessels	4	2	2	
Upper limb	5	Bones of upper limb and pectoral region	8	4		X-Ray and breast cancer
	6	Axilla including brachial plexus	4	2	2	
	7	Back musculature and rotator cuff muscles	4	2		
	8	Anatomical spaces and vascular anastomosis of upper limb	4	2		Rottor calf tendinitis

	9	The arm and forearm regions And The wrist region	8	4	2	Carpal tunnel syndrome
	10	Joints of upper limb (flipped class)	8	4		
	11	Nerves of upper limb	4	2		Dermatomes of upper limb
	12	Blood supply of upper limb (TBL)	4	2	2	
	13	The hand	4	2		Hand infection
General embryology	14	Garmatogensis and reproductive cycles	4	2		
	15	1st week of development	4	2		
	16	Implantation and 2nd week of development	4	2	2	
	17	Derivatives of germ layers and placenta	4	2		
	18	Congenital malformations	4	2	2	
thorax	19	Thoracic wall , cavity and lungs (diaphragm flipped class)	4	2		Chest tube insertion
	20	hearts	4	2	2	Cardiac tampon ad
	21	Mediastanum and its content	4	2	2	
Lower limb	22	Introduction and anterior aspect of thigh	4	2		X-ray of lower limb
	23	Anterior and medial compartment of thigh	4	2	2	Femoral hernia
	24	The gluteal region and Back of the thigh	8	4		Intra musclar injection
	25	Popliteal fosse and joints of the lower (flipped class)	4	2		
	26	The leg (anterior and lateral) Nerve supply of lower limb (TBL)	4	2	2	Compartment syndorme
	27	Back of the leg	4	2		Dermatomes of lower limb
	28	Ankle region and the foot	8	4	2	Pes cavaus

5. Teaching and learning methods

- Lectures
- Tutorials
- Practical sessions (demonstration in dissecting room , models)
- TBL ,FLIPPED CLASS,PBL.

6. Evaluation methods

	Evaluation Method	Date	Marks 150	%	ILOs Assessed
1	**Annual Work**				
	▪Mid-year Exam		30	**20%**	Knowledge, understanding and intellectual skills
2	**Final Exam**		**120**	**80 %**	
	▪Written		90		Knowledge, understanding and intellectual skills
					knowledge, understanding and intellectual skills
	▪Practical		15		Practical and professional skills General and transferable skills
	▪Oral		15		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation schedule

	Evaluation	Date
1	**Mid term exam :** Written exam includes different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	
2	**Final written exam:** consists of different types of questions MCQs, True & False, short essay questions, matching and complete the blanks	

3	**Practical exam:** Objective structured practical exam (OSPE), plastinatedand plastic specimens	
4	**Oral exam:** mainly conducted by external visitors	

8. References :

Reference Title		**Publisher**	**Edition**	**Author**	**Place**
	Course handouts			Department staff	Department
Essential Books	**Gray's Anatomy for Students**	Churchill Livingstone	3rd 2014	Drake, R.L., Vogl, W. Mitchell, A.W.M.	Library
	Langman's Medical Embryology	Lippincott Williams & Wilkins	14th 2016	Sadler, T.W.	Library
Recommended Books:	Prof . ahmed khamal	Cairo university		ahmed khamal	==
	Grant's Atlas of Anatomy	Lippincott Williams & Wilkins	11th 2004	Agur, A.M.R. Dalley, A.F.	==

9. Required facilities

- Dissecting rooms including cadavers , bones , and plastic models
- X-ray and computer program including different museum specimens atlases and CD movies.

منسق المقرر د. معاذ بن طاهر التوقيع : .....

منسق البرنامج د. هيثم صالح الحصني التوقيع:.....

w	Knowledge and understanding					Intellectual skills				Practical and professional skills				General and transferable skills			
	a1	a2	a3	a4	a5	b1	b2	b3	b4	c1	c2	c3	c4	d1	d2	d3	d4
1	x																
2	x																
3	x																
4	x																
5	x	x															
6	x	x															
7	x	x															
8	x	x															
9	x	x							x								
10	x	x							x								
11	x	x							x								
12	Midterm exam																
13																	
14	x	x				x			x								
15	x	x							x								
16	x	x				x			x	x	x						
17	x	x				x			x	x	x						
18	x	x	x			x			x	x	x						
19	x	x	x			x	x		x	x	x	x				x	
20	x	x	x			x	x		x	x	x	x				x	x
21	x	x	x			x	x	x	x	x	x	x				x	x
22	x	x	x			x	x	x	x	x	x	x				x	x
23	x	x	x			x	x	x	x	x	x	x				x	x
24	x	x	x	x		x	x	x	x	x	x	x	x			x	x
25	x	x	x	x		x	x	x	x	x	x	x	x			x	x
26	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x
27	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	Final exam																

المركز الوطني لضمان جودة واعتماد المؤسسات التعليمية والتدريبية

المتطلبات الأكاديمية للمقرر الدراسي

اسم المؤسسة التعليمية: كلية الطب – جامعة درنة

اسم البرنامج التعليمي: بكالوريوس طب وجراحة

اسم المقرر: ANATOMY II

رمز المقرر:.AN1201

الفصل/العام الدراسي :. المرحلة الثانية (السنة الثانية)

1. General information:

University	Darnha university
Collage	Medical collage
Department	Anatomy
CODE	AN1201
Course title	Anatomy and general embryology
Teaching hours	210 hrs
Language	English
Course coordinator	Dr. moath ben thare
Date on start	2009

2. Objectives of course

- Providing students with knowledge concerning the normal structure of the human body at the level of abdomen , pelvis , head and neck and neuroanatomy.
- The study of the normal growth and development relevant to each system separatelly in intrauterin life .
- To correlate anatomical facts with their clinical applications.

3. Intending learning outcomes (ILOs):

a) Knowledge and understanding

a.1	Identify structures of abdomen (external and internal)
a.2	Identify structures of different regions of head and neck
a.3	Identify general principles of special embryology
a.4	Identify internal and external structures of pelvis (male and female)
a.5	Identify structures of different regions of neuroanatomy (brain and spinal cord)

b) Intellectual skills :

b.1	Correlate and analyze the anatomical facts to clinical aspects
b.2	Interpret the normal structures on radiographs and ultrasonography
b.3	Understanding surface anatomy of important structures
b.4	Interpret important landmarks for clinical parctical

c) Practical and professional skills :

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d) General and transferable skills

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d.4	Maintain a professional image concerning behavior, dress and speech

4. Course contents

Chapter	Weeks	Subject	Lecture	Practical	totoraial	PBL
Abdomen	1	Anterior abdominal wall and Peritoneum and esophagus	8	4		Nine Region pattern and Inguinal hernia
	2	Stomach and small intestine	4	2		
	3	Large intestine Blood supply of gut (flipped class)	4	2	2	
	4	Liver and biliary system Pancreas and spleen	8	4	2	Surface anatomy
	5	Retroperitoneal space	4	2	2	

Head and neck	6	Bones (skull and mandible) The scalp	4	2		Skull fracture
	7	Temporal , infratemporal and ptergopalatine fosse. Muscles of mastication Parotid gland	4	2		
	8	Cranial cavity (meninges) Face (muscles nerve supply ,blood supply)	4	2	2	Extradural hematoma
	9	Orbit (eye lid , lacrimal apparatus , extraocular muscle) Temporomandublar joint	4	2	2	
	10	Fascia of neck and neck triangular	4	2		Carotid artery stenosis
	11	Submandublar region and muscular triangle Sternomastiod muscle and thyroid gland	8	4		
	12	Nasal cavity and larynx Cranial nerves(flipped class)	8	4	2	
Special embryology	13	Pharyngeal apparatus and head and neck	4	2		
	14	Development of respiratory and digestive system	4	2		
	15	Development of cardiovascular system	4	2	2	
	16	Development of urogential system	4	2		
	17	Development of nervous system and special sense organs	4	2	2	
Pelvis	18	Introduction to pelvis and its structure	4	2		
	19	Female pelvis and sex difference	4	2	2	
	20	Pelvic peritoneum and nerves of pelvis	4	2	2	

	21	Arteries and veins of pelvis and lymphatic (TBL)	4	2		
	22	Content of pelvis and Male genital organs and perineum	8	4	2	varicocel
	23	Female genital organs	4	2	2	Ectopic Pregnancy
Neuroanatomy	24	Introduction to neuroanatomy	4	2		
	25	Cerebral hemisphere and internal structures Blood supply of brain (flipped class)	4	2	2	CVS
	26	Thalamus and basal nucleus	4	2		
	27	Cerebellum, brain stem and cranial nerves (TBL)	4	2	2	
	28	Spinal cord external and internal structures	4	2		Spinal cord injury

5. Teaching and learning methods

- Lectures
- Tutorials
- Practical sessions (demonstration in dissecting room , models)
- TBL PBL flipped class.

6. Evaluation methods

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منسق البرنامج د. هيثم صالح الحصني التوقيع:.....

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2	x																
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4	x																
5	x																
6	x																
7	x																
8	x	x															
9	x	x							x								
10	x	x							x								
11	x	x							x								
13	Midterm exam																
14																	
15	x	x				x			x								
16	x	x				x			x	x	x						
17	x	x				x			x	x	x						
18	x	x				x			x	x	x						
19	x	x	x			x			x	x	x						
20	x	x	x			x	x		x	x	x	x				x	
21	x	x	x	x		x	x		x	x	x	x				x	x
22	x	x	x	x		x	x	x	x	x	x	x				x	x
23	x	x	x	x	x	x	x	x	x	x	x	x				x	x
24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
26	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
29	Final exam																