



Quality Assurance Unit



Tanta University
Faculty of Medicine

Department of Human Anatomy & Embryology

Course Specifications

Anatomy for Master of Science in Chest Medicine

2021-2022

Anatomy for Master of Science in Chest Medicine
Course specification, 2021-2022

Anatomy for Master of Science in Chest Medicine

Course specification, 2019-2020

University: Tanta

Faculty: Medicine

**Department: Human
Anatomy& Embryology**

1) administrative Information

1. Course title: Anatomy for Master of Science in Chest Medicine
2. Department offering the program: Chest Medicine Department
3. Department responsible for the course: Human Anatomy& Embryology Department Tanta Faculty of medicine.
4. Course code: CHEST 8001
5. Level: First level
6. Authorization date of course specification: Department council:21-8-2020

2) Professional Information

1. Overall course aims

- To provide a core body of scientific knowledge concerning the normal structure of the human body at the level of the anatomical regions and organs relevant to anatomical topics (Thorax).
- To correlate anatomical facts with their clinical applications

2. Intended learning outcomes (ILOs):

a) Knowledge and understanding:

By the end of the course candidate should be able to:

a1 Describe the relevant airways and pulmonary vascular structures and the relation of different thoracic organs to each other.

a2 Explain the development of the lung and its congenital anomalies

b) Intellectual skills

By the end of the course, candidate should be able to

b1 Distinguish some clinical findings in relation to anatomical facts.

c) Professional & practical skills

By the end of the course, candidate should be able to:

c1 Identify the surface landmarks of the underlying internal structures on the living persons (Thoracic nerves, vessels and organs).

c2 Differentiate thoracic organs and upper respiratory passages in cadavers

d) General transferable skills

By the end of the course, candidate should be able to:

d1 Communicate actively with other staff members as well as the employees

3. Course contents

Topics	No. of hours	
	Lecture (1 ch)	Practical (1/2 ch)
<p><u>CHEST WALL:</u></p> <ul style="list-style-type: none"> - Skeleton, joints, muscles, vessels, nerves, and movements. - Surface anatomy of the wall, and all structures in the thorax. -Diphragm and respiratory muscles and movements.- <p>Anatomical basis of intercostals nerve block and aspiration of the chest.</p> <p><u>MEDIASTINUM:</u></p> <ul style="list-style-type: none"> - Division, sternal angle and arrangement of its structures. -oesophagus ,anatomy, surface, applied anatomy - Blood vessels, lymph vessels, regional lymph nodes, and lymph drainage of the thoracic structures - Pleura and lungs: anatomy ,surface anatomy development and anomalies - Respiratory passages: anatomy of nose, ,pharynx, larynx, trachea ,bronchi, bronchopulmonary segments and structures of a single segment <p>For all vasculature ,innervation and lymph Drainage</p>		

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- Pericardium, heart and great vessels.
- Cross sections of the thorax.
- Anatomy of the sensory pathway from the thorax (anatomy of chest pain).

4-Teaching and learning methods:

- Illustrated lectures: online.
- Practical sections: attendance

Teaching and learning methods	ILOs covered
Illustrated lectures	a1, a2, b1, d1
Practical lessons	b1,c1, c2, d1

5-Student Assessment : may be electronic but inside the faculty , face to face

- Attendance: By logbook 75% of the course
- 1st semester final examination:
 - Written examination. One written paper contains short essay questions a1, a1, c1.
 - Oral examination. Two sittings (2 staff members including in each sitting)a1,b1, c2

6-Weighing of assessments

	Obligatory course (Anatomy)
Final written examination	60%(15 degrees)
Oral examination	40% (10 degrees)
Total	100% (25 degrees)

7-List of references

7.1 Course notes

- Hand outs of lectures (either soft or hard copies)

7.2 Text book

Human anatomy series produced by the staff members of the anatomy department: thorax and special embryology books.

7.3 Recommended books

- Langman's Medical Embryology: editor Sadler, T.W. 12th ed. Wolters Kluwer/Lippincott Williams & Wilkins. (2012)
- Gray's Anatomy: The Anatomical Basis of Clinical Practice, Elsevier; 41 edition (October 9, 2015)
- Gray's Anatomy Review: with student consult online access, Churchill Livingstone; 2 edition (May 20, 2015)
- Clinical anatomy by regions (Richard S. Snell) : 9th edition, Lippincott Williams & Wilkins, 2011
- Netter's Atlas of anatomy : Saunders; 6 edition (April 7, 2014)
- Grant Atlas of anatomy: Lippincott Williams & Wilkins; 13th edition (February 17, 2012)

7.4 Periodicals and web sites

- British journal of anatomy
- Journal of clinical anatomy
- American Journal of anatomy
- Anatomical record

www.innerbody.com

www.instantanatomy.net

8-Other resources/ facilities required for teaching and learning to achieve the above ILOs

- Dissecting rooms(cadavers, bones)
- Museum (jar specimens, plastic and plastinated models)
- Internal TV circuit for displaying anatomy video films and CD movies
- Library (delivering text books and computers for achieving anatomy web sites)

9-we certified that all of the information required to deliver this course is contained in the above specifications and will be implemented

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Course coordinator name: Prof. Dr. Amal Mahdy

Signature...Date

Head of department name: Prof. Dr. Mona Zoair

Signature...Date.....