

Mansoura Manchester Dr Adel Bondok



Methods of Assessment

Mansoura-Manchester Programme for Medical Education

Adel Bondok, PhD
Phase 1 Director



The University
of Manchester

MANCHESTER
1824



Methods of Assessment

- ✓ Ongoing (Assessment) Exams (**20%**)
- ✓ Final Semester Exams (**80%**)



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Ongoing Assessment



20% of the total mark: 120 / 600

1. Midterm Exam: MCQ/EMQ Exam: 50 marks.

2. Student Activities: 25 marks for:

Attendance, PBL activity & Student's presentation.

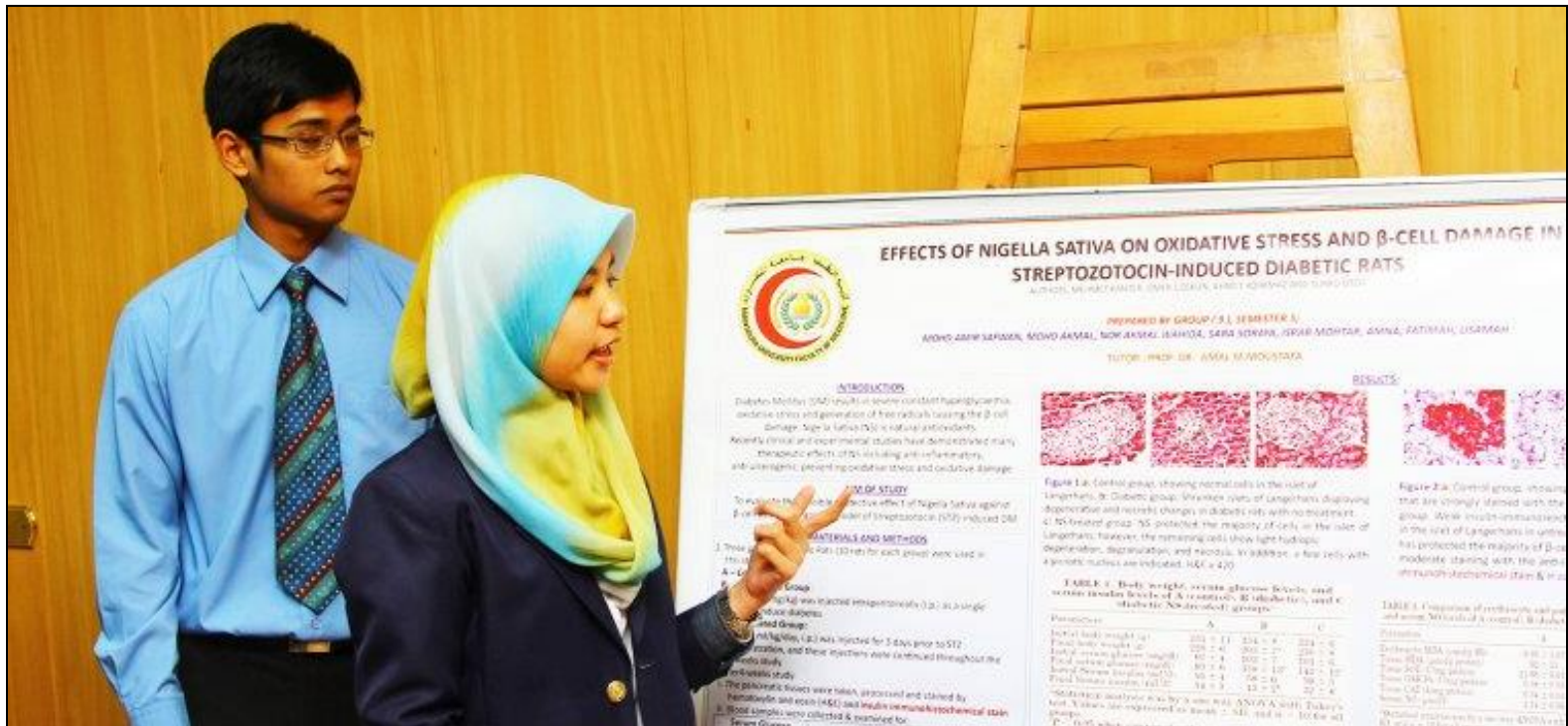
3. Review Article (Essay): 20 marks for Semester 2

4. Poster Presentation: 20 marks for Sem 3 & 4

5. Practical skills: 25 marks

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Poster Presentation



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Mansoura University, Faculty of Medicine,
Mansoura-Manchester Programme for Medical Education
Semester 4 (Abilities and Disabilities)
STUDENT POSTER EVALUATION FORM



PBL Group: 8 Date: 12/6/2021

Evaluator: Dr Adel Bondok

Mark
20
20

EVALUATION:

Poster Presentation Evaluation

I. Organization (5 Marks)			
- Appropriate font size and layout.	0		✓1
- Quality of visuals.	0		✓1
- Colors not distracting.	0		✓1
- Short text segments.	0		✓1
- Consistent formatting.	0		✓1
II. Contents (10 Marks)			
- Background clarifies the problem or theory.	0	1	✓2
- Methods/techniques are properly explained.	0	1	✓2
- Results are appropriately presented, and summarized	0	1	✓2
- Conclusion emphasizes significance and implications of study.	0	1	✓2
- Key Terms, Figures and Tables are well defined.	0	1	✓2
III. Oral Presentation (5 Marks)			
- Grasp of study & knowledge of subject area.	0	✓1	-
General style, liveliness & stage presence.	0	✓1	-
Present the topic clearly.	0	✓1	-
Effectiveness in answering questions.	0	✓1	-
Command of language.	0	✓1	

Comments (optional): _____

Signature: Adel Bondok

برنامج المنصورة مانشستر للتعليم الطبي Mansoura - Manchester Programme for Medical Education



Poster Day

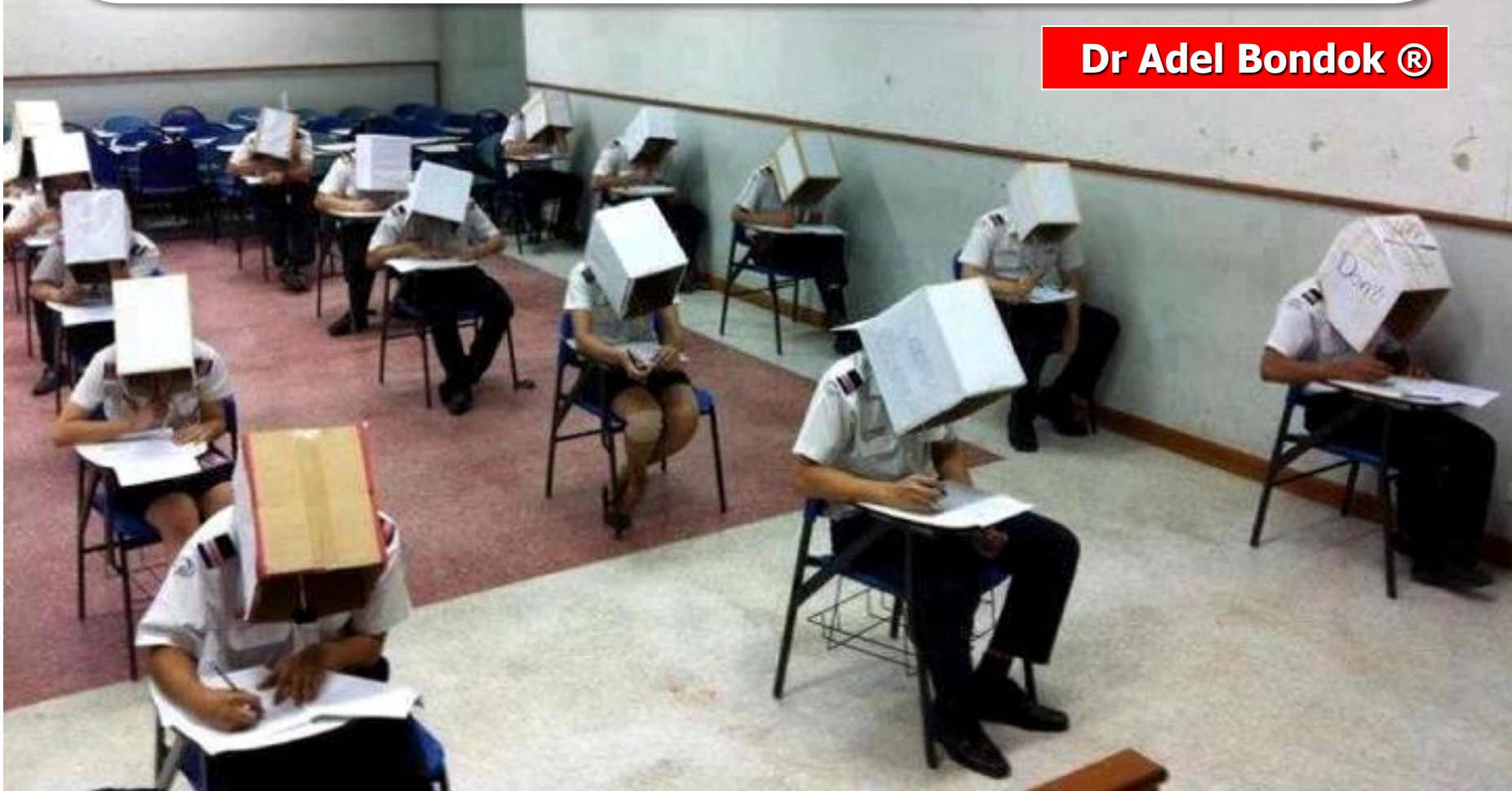
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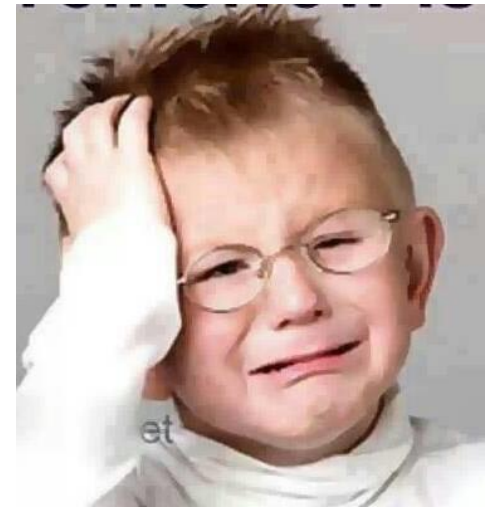
penalty of cheating in Bangaladish, prison

Final Exam

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Final Exam



80% of the total mark. Divided into 3 exams:

1. MCQ / EMQ: 200 marks (200 Qs).

2. Short Essay: 140 marks (14 Qs) (50-75 Qs)

3. OSPE: 140 marks (70 Q)

STRUCTURED SHORT ESSAY EXAM

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How to Beat Exam Stress !

Short Essay: 140 Marks

- **3 clinical scenarios.** Each one is followed by 5 questions.
- **Each question** is divided into **4-5** ultra-short Qs
- Examine the **knowledge**, **understanding** and **clinical application** or **integration**.
- **Avoid:** discuss or give short notes.
- **Specific action verbs (words) are used**

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Meaning of Structured Essay Exam

إمتحان منظم ومهيكل وموجه لنقاط محددة

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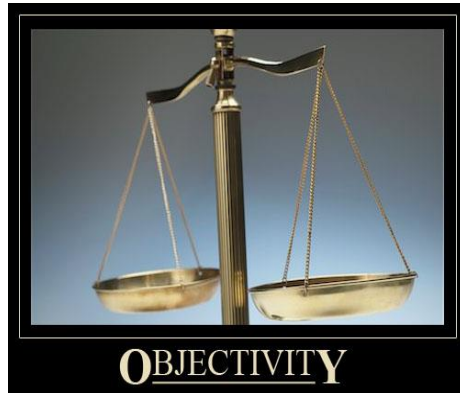
4

Planned

Objective

Targeted

Focused

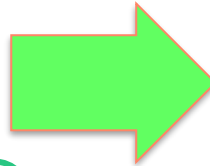


WHY

Structured Exam

Objective

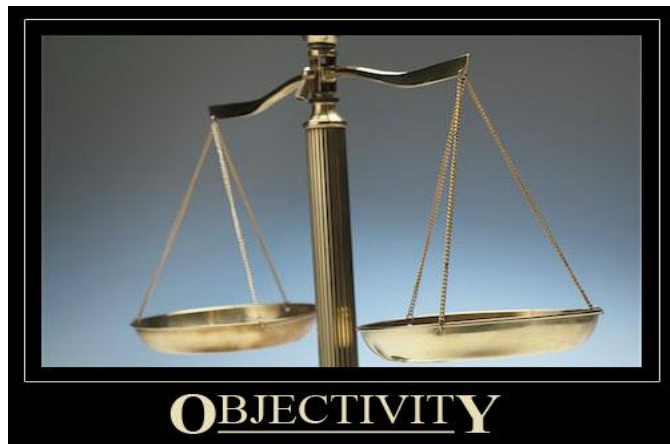
- Reliable and eliminates guessing



Justifiable

- fair scoring criteria

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- Give few minutes for revision

A plan for the whole exam

- How many Qs
- What are the ILOs to be tested

Set up a time for each question

Before you write the Exam

A plan for each question

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- Write model answer
- Assign marks for each one

How you will answer the question

- What is the ILO
- How many ultrashort Qs (3-5)
- Action verbs

ACTION VERBS

Less Effective

Identify

Enumerate

Recall

Describe

Classify

Define

Recognize

More Effective

Apply

Defend

Justify

Illustrate

Demonstrate

How, What, Why

Strong Verbs

Explain

Analyze

Integrate

Compare

Contrast

Create

Evaluate

Description of Some Effective Verbs

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Explain

- give reasons **why** or **how** something happened

Justify

- give reasons **how** or **why** something **is the truth**

Evaluate

- state **your opinion** "good, bad" with examples & reasons

Description of Some Effective Verbs

Analyze

- why something is important

Argue

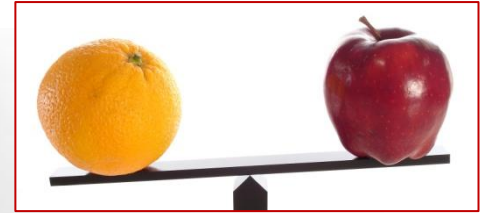
- take a side and **defend** it (with proof) against the other side

Integrate

- describe the **connections** between things

Compare & Contrast

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Tropical

Moderate to subtropical

Thick peel

Thin peel

Came to Europe from India

Sender of diversity: Turkey

Contrast

*Fruit
Grow
on trees
Give
juice*

Contrast




Oranges

Apples

Compare = Similarities

Contrast = Differences

Verb Wheel Based on Bloom's Taxonomy

-  Domain
-  Appropriate verbs
-  Student products



Theme:

Thyrototoxicosis



Scenario: a case of thyrotoxicosis

Q: Regarding anatomy of the thyroid gland:

(4 marks):

1. Describe the shape of the gland and its relation to the trachea? **(2 marks)**

1. Shape:

.....

2. Relation to the trachea:

.....

2. Name 2 nerves related to the thyroid gland?

(1 mark)

1.

2.

3. What is the origin of the 2 major arteries supplying the gland?

(1 mark)

1.

2.

Scenario: a case of thyrotoxicosis

Q: Regarding blood sample:

(4 marks):

1. Name 2 usual sites for taking a venous blood sample? **(1 mark)**

1.
2.

2. Name 2 usual sites for taking an arterial blood sample? **(1 mark)**

1.
2.

3. Give one indication (use) of arterial blood sample **(1 mark)**

4. How can you obtain a blood sample from a newborn **(1 mark)**

Q: Regarding histology of the thyroid and parathyroid gland: **(4 marks):**

1. What are 2 main cells in the thyroid gland & **their functions?** **(2 marks)**

1.
2.

2. What are the 2 cell types present in the parathyroid gland? **(1 mark)**

1.
2.

3. Which one of the above cell types is essential for life **and why?** **(1 mark)**

Theme:

Breast Cancer



*Angelina Jolie, 39-year-old Hollywood star, was **tested positive** for breast cancer antigen gene (**BRCA1**). Her mother died from ovarian cancer.*

She had elective bilateral mastectomy to reduce the high risk of developing breast cancer. Her decision was "absolutely heroic".

Semester 2: Breast Cancer

Q: Regarding Surgical Anatomy of the Breast:

(10 marks):

Name 2 muscles forming the breast bed (deep to the breast):

1. (1 mark)
2. (1 mark)

Name the nerve that may be injured in mastectomy operation:

1. Nerve: (0.5 mark)
2. Deformity caused by its injury: (0.5 mark)

What is the location of each of the following?

1. Tail of the breast: (0.5 mark)
2. Nipple in the male: (0.5 mark)

Name 2 arteries supplying the breast:

1. (0.5 mark)
2. (0.5 mark)

Describe the lymph drainage of the breast: (5 marks)

.....
.....
.....
.....

Semester 2: Breast Cancer

Q: Regarding Breast Cancer:

(10 marks):

List 3 risk factors for the development of breast cancer: 3 marks

1. (1 mark)
2. (1 mark)
3. (1 mark)

Describe the role of each radiological method in diagnosis of breast cancer:

1. **Mammography:** (2 marks)
2. **CT Scan:** (1 mark)
3. **Positron Emission Tomography:** (1 mark)

List 4 etiological factors for phobia: (2 marks)

1. (0.5 mark)
2. (0.5 mark)
3. (0.5 mark)
4. (0.5 mark)

List 2 psychopharmacological drugs for phobia: (1 mark)

1. (0.5 mark)
2. (0.5 mark)

Theme: Nerve Injury



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Semester 2: Nerve Injury

Q: Nerves of the upper limb are vulnerable to injury. In the following conditions, name the nerve that may be affected and the expected deformity: (10 marks):

1. Fracture midshaft of the humerus:

Nerve: (1 mark)

Deformity: (1 mark)

2. Fracture surgical neck of the humerus:

Nerve: (1 mark)

Deformity: (1 mark)

3. Fracture medial epicondyle of the humerus:

Nerve: (1 mark)

Deformity: (1 mark)

4. Forward dislocation of carpal bones (carpal tunnel syndrome):

Nerve: (1 mark)

Deformity: (1 mark)

5. Violent traction of the head during delivery:

Nerve: (1 mark)

Deformity: (1 mark)

Theme: Semester 2

Bronchogenic Carcinoma

What's under here may shock you...



Smoking
causes fatal lung cancer

Scenario: a case of Bronchogenic Carcinoma

Q: Regarding anatomy of the bronchial tree: (10 marks):

- 1. List 4 differences between the left and right main bronchi? (4 marks)**
- 2. How many bronchopulmonary segment in each lung? (2 marks)**
- 3. What is the vertebral and sternal level of the carina? (2 marks)**
 1. Vertebral level:
 2. Sternal level:
- 4. What is the major lymphatic duct draining the right and left lung? (2 marks)**
 1. Right lung:.....
 2. Left lung:

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	Left main bronchus	Right main bronchus
Length ½ ½
Width ½ ½
Angle with the trachea ½ ½
Arterial supply:	Number:½	Number:½
	Origin: ½	Origin:½

Scenario: a case of Bronchogenic Carcinoma

2. Describe the MP of bronchogenic carcinoma?

(5 marks)

Q: Regarding Smoking:

(5 marks):

1. What are the hazards of smoking?

(3 marks)

.....
.....

2. Explain why it is difficult to quit smoking:

(2 marks)

.....
.....

Scenario: a case of Bronchogenic Carcinoma

Q: Regarding Pulmonary Blood Flow: (10 marks):

1. Define autoregulation of blood flow: (1 mark)

.....
.....

2. Explain the intrinsic mechanism regulating pulmonary BF: (2 marks)

.....
.....

3. Explain why the pulmonary circulation is a low pressure system: (1 mark)

.....
.....

4. Enumerate reasons why it is low pressure system: (3 marks)

.....
.....

5. Describe and explain mechanism keeping the lungs dry: (3 marks)

.....
.....

Computer Based Exam



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OSCE and OSPE

- **OSCE:**
Objective
Structured
Clinical
Examination



- **OSPE:**
Objective
Structured
Practical
Examination



OSPE

140 marks



Objective Structured Practical Examination.

★ It is online computer based exam

★ 70 questions, 2 marks each

Urine Analysis

Q1

List two components that can be detected in urine by this method?

- 1.**
- 2.**



Urine analysis

Name two conditions causing urine sample to appear like this sample:

1.

2.





Waddling gait may indicate paralysis of the following nerve:

Select one:

- a. Inferior gluteal nerve
- b. Superior gluteal nerve
- c. Femoral nerve
- d. Sciatic nerve
- e. Obturator nerve

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Question 1

Not yet answered

Marked out of 2.00



What is the dermatome of the area marked 1?

Select one:

- a. L5
- b. S2
- c. S1
- d. L4 and L5
- e. L4

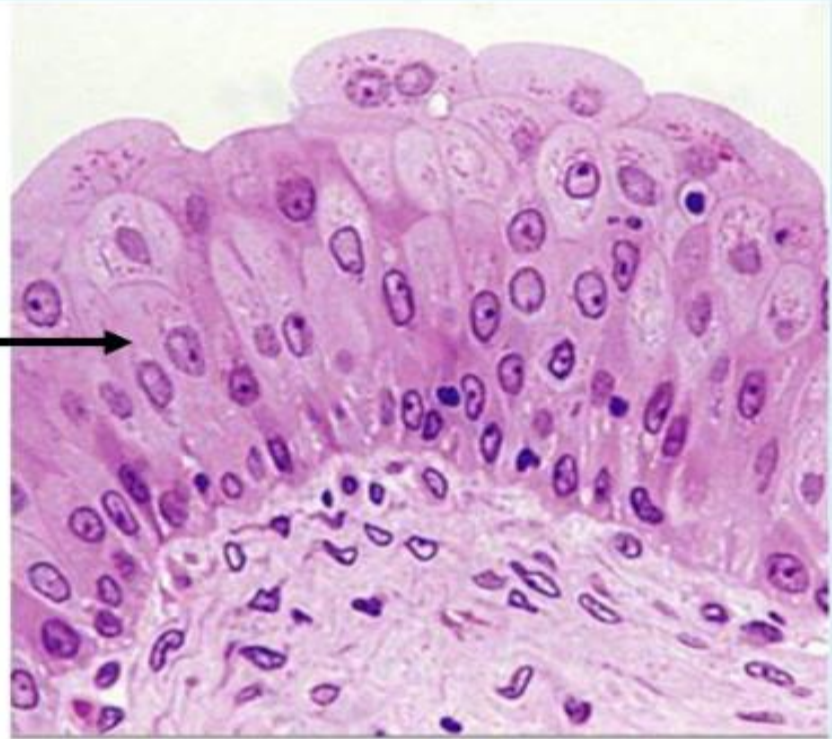
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Question 1

Not yet
answered

Marked out of
2.00

**This type of
epithelium** →
lines the:



Select one:

- a. Thyroid gland
- b. Trachea
- c. Intestine
- d. Oesophagus
- e. Urinary bladder

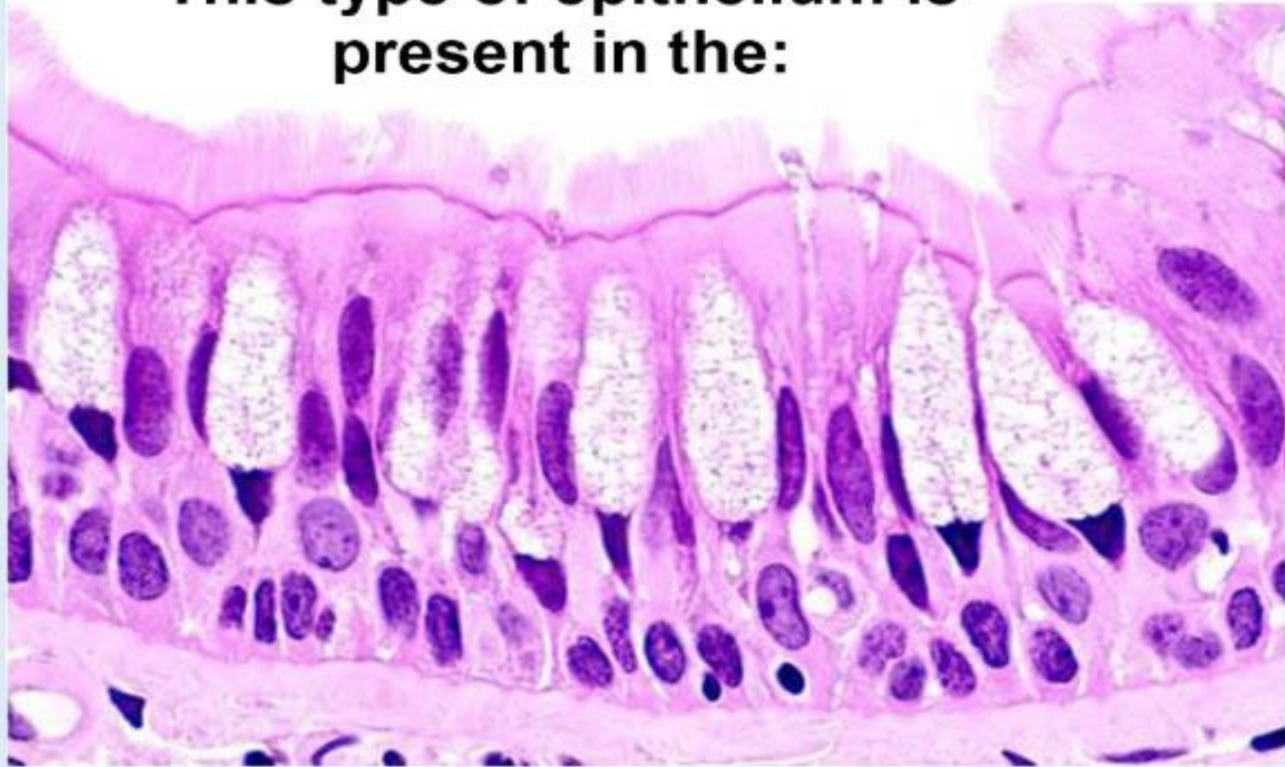
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Question 1

Not yet
answered

Marked out of
2.00

**This type of epithelium is
present in the:**



Select one:

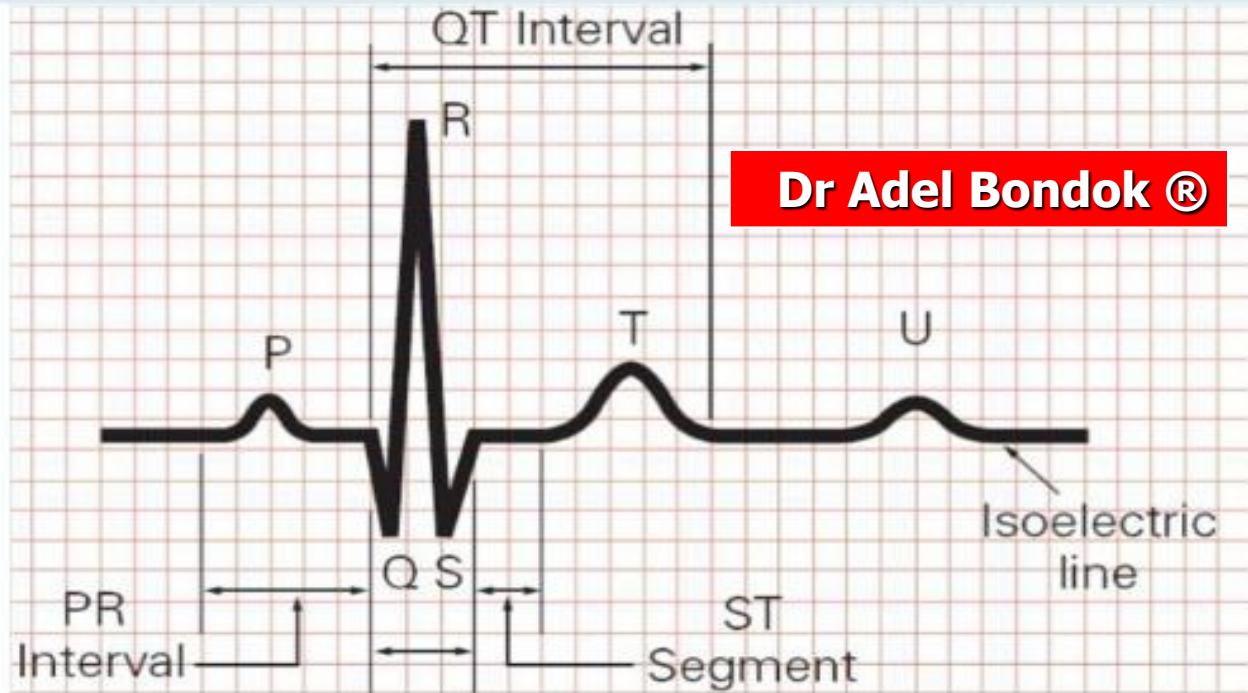
- a. Stomach
- b. Lung
- c. Trachea
- d. Blood vessels
- e. Vagina

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Question 1

Correct

Mark 2.00 out of 2.00



What is the normal duration of a QRS complex?

Select one:

- a. 0.16 seconds (4 small squares)
- b. 0.12 seconds (3 small squares) ✓
- c. 0.04 seconds (1 small square)
- d. 0.08 seconds (2 small squares)
- e. 0.2 seconds (5 small squares)

Question 1

Not yet
answered

Marked out of
2.00



What is the main flexor of the hip joint?

Select one:

- a. Gluteus maximus
- b. Rectus femoris
- c. Pectineus
- d. Sartorius
- e. Psoas major muscle

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Question 1

Not yet
answered

Marked out of
2.00



This hernia descends:

Select one:

- a. Medial to the femoral vein
- b. Into the scrotum
- c. In the inguinal canal
- d. More in the males than in the females
- e. Lateral to the femoral artery

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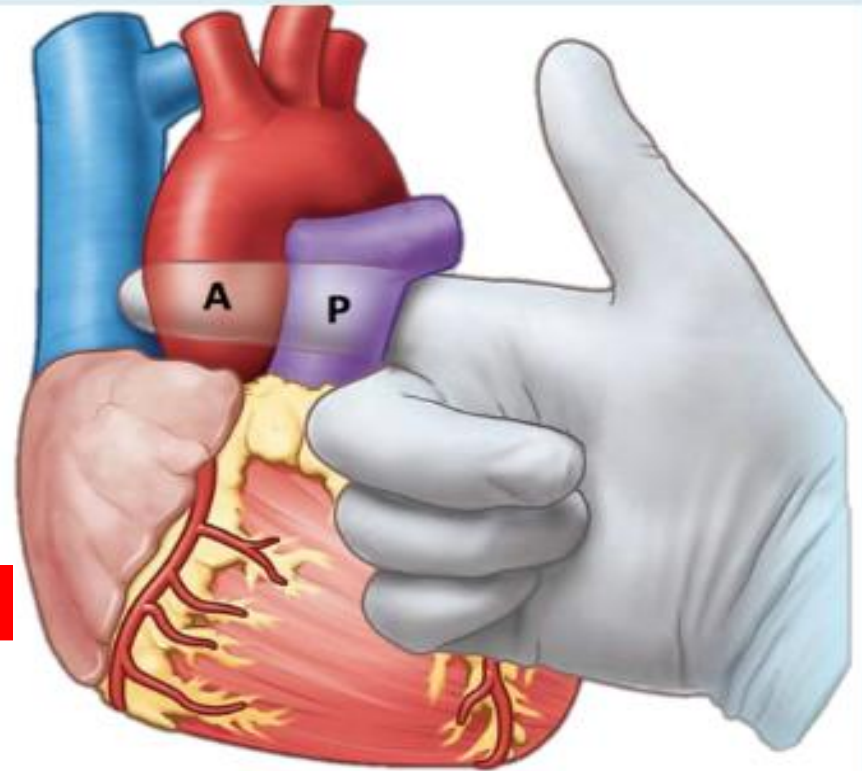
Question 1

Not yet
answered

Marked out of
2.00

**The finger is
inserted into
the:**

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Select one:

- a. Right atrium
- b. Left atrium
- c. Oblique sinus
- d. Transverse sinus
- e. Coronary sinus

Question 1

Not yet
answered

Marked out of
2.00



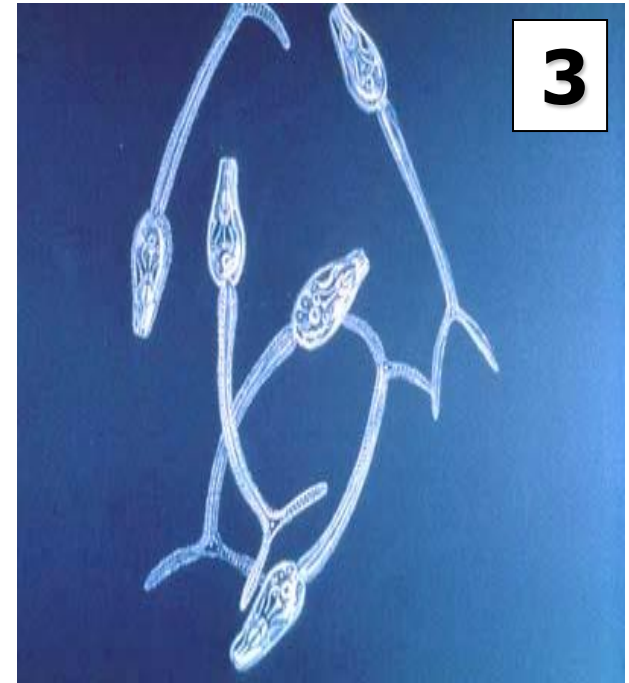
**This deformity
indicates lesion of the:**

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Select one:

- a. Anterior interosseous nerve
- b. Upper trunk of the brachial plexus
- c. Median nerve
- d. Ulnar nerve
- e. Radial nerve

OSCE 5: Parasitology of Bilharziasis



Identify the labeled structures:

1.

2.

3.

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Teacher student relationship



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Thanks