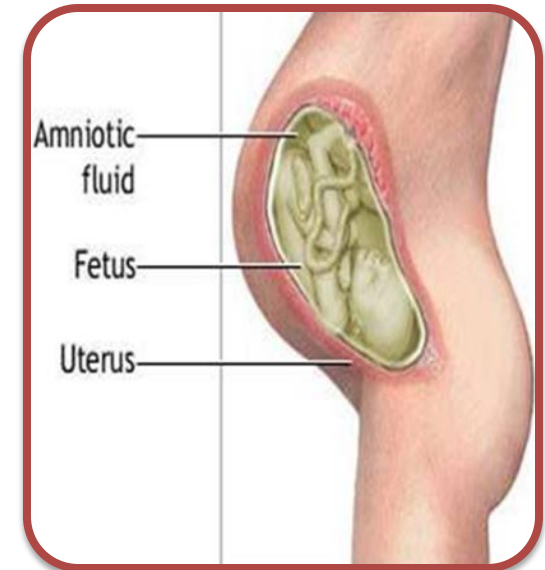


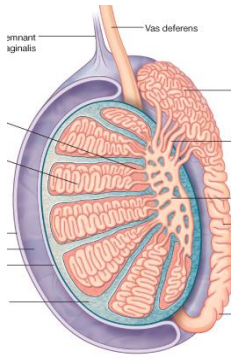
REPRODUCTIVE BLOCK

11 March 2018 – 09 May 2018

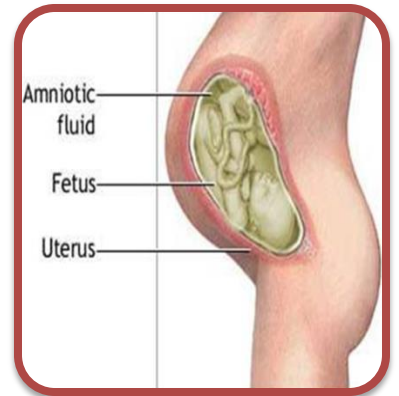
(Introductory)

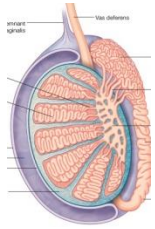
Prof. Saeed Abuel Makarem





- What the course is about?**
- How long?
- What are the subjects?
- Overall objectives.
- Sample of the week schedule.
- Clinical Skills.
- Assessment, (Midterm and summative exam).
- Resources.



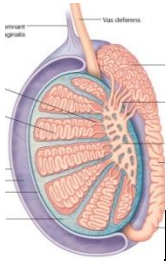


Objectives of the Block



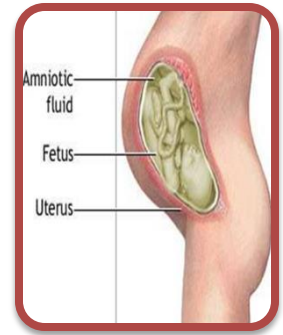
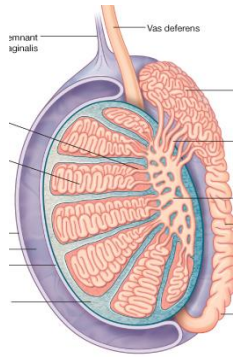
By the end of the course, you should be able to:

- Understand the relationship between the structure of the different components of the reproductive system and their functions.
- Discuss the **A**natomy, **H**istology, **E**mbryology, **P**hysiology, **P**athology, **M**icrobiology, **B**iochemistry and Factors contributing to the development of most common diseases affecting reproductive system.



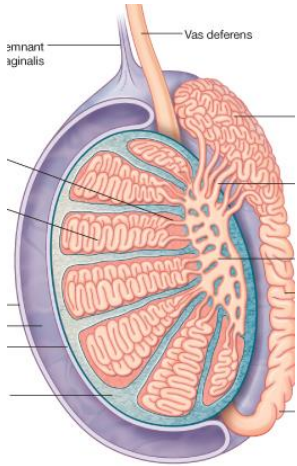
- Use basic science to explain patient's sign and symptoms;
 - Interpret the results of the investigation,
 - Provide justification for their views.
- Develop communication skills and explore psychosocial and ethical issues in their assessment.
- Use clinical cases to apply knowledge learnt, generate hypotheses, build an enquiry plan, and use evidence to refine your hypothesis, and justify your views.





- Design a brief management plan, and understand the pharmacological basis of drugs used in the management of common diseases affecting the reproductive system.
- Enhance your communication skills, and practice with the help of simulation patients to improve their communication in relation to reproductive case scenarios.

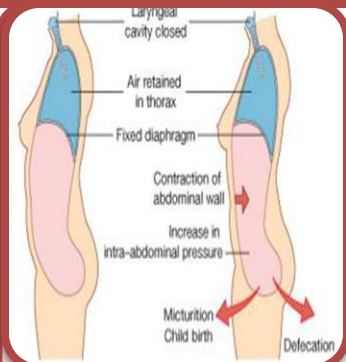
Teaching and Learning Modes:



Learning strategies include:

- Small group discussion.
- Lectures.
- Student-led seminars.
- Practical classes.
- Clinical skills.
- Independent learning.
- Writing an essay or mini thesis.



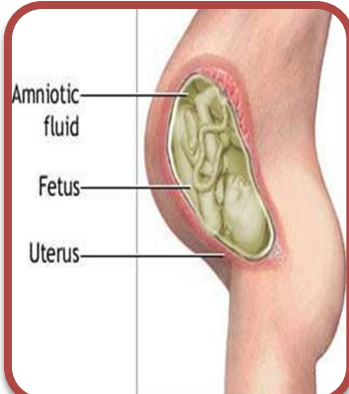


Week 1

Female Reproductive System & Development

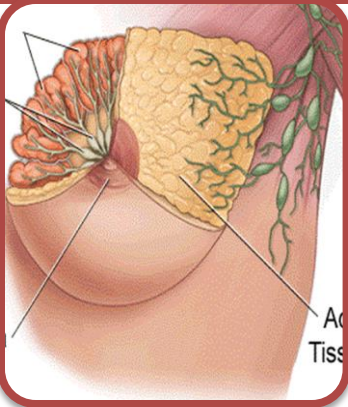
Week 2

Male Reproductive System & Development



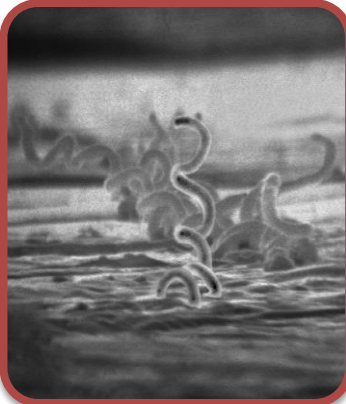
Week 3

Pregnancy & Labour



Week 4

Female Breast



Week 5

Sexually Transmitted Diseases



Week 6

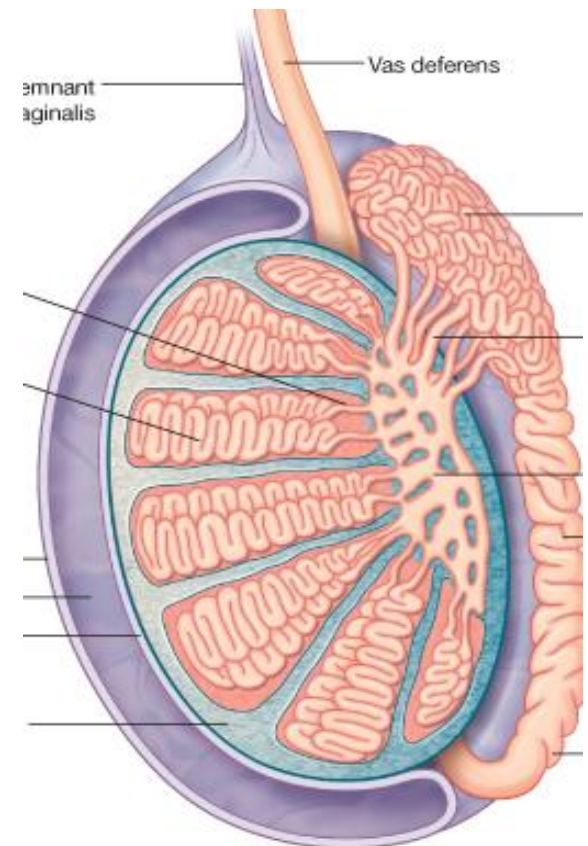
Integrated Clinical Skills

Example of Week Two

Male Reproductive System & Development

Lectures

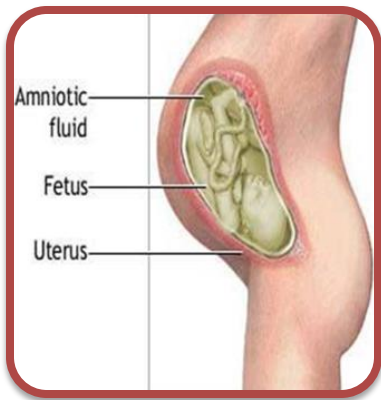
- 1- Anatomy of the male reproductive system.
- 2- Histology of the male reproductive system.
- 3- Development of the male reproductive system.
- 4- Hypothalamic and pituitary gonadal axis.
- 5- Physiology of **androgens** and control of male sexual functions.
- 6- **Klinefelter**, **Turner** and **Down's** syndromes.
- 7- Prostatic hyperplasia and cancer prostate.
- 8- Diseases of epididymis and testicular tumors.



Assessment of Students

In order to pass the block, you must obtain a minimum final block grade of **(D)** calculated as follow:

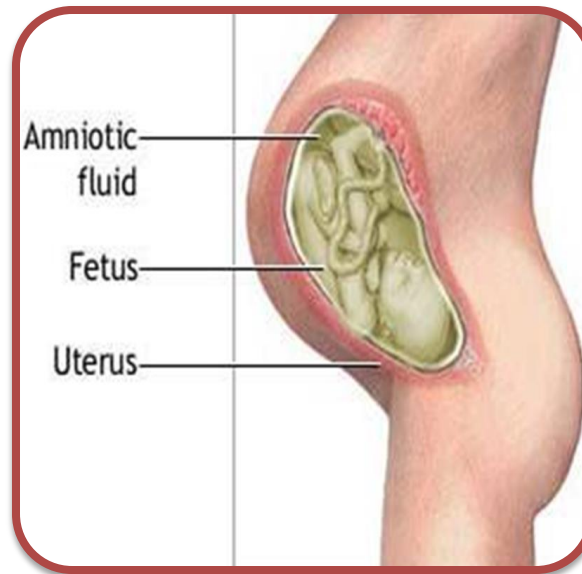
- **Continuous Assessment:**
- **Written Examinations (MCQ)----- 50 %**
 - Mid-Block Exam----- **20 %**
 - Final Block Exam----- **30 %**
- **OSPE 25 %**
- **SAQ (Short Answer Question) -----20%**
- **Tutor Assessment and Attendance (PBL) ----- 5 %**
- **TOTAL 100 %**



- **Attendance:**
 - 75% attendance in all educational activities of the block.
- Tutor Assessment in Large and Small groups (Continuous Assessment):
 - Preparation.
 - Participation.
- **Written Examination:**
 - Mid-block Exam.
 - Final Written Exam.
- **Objective Structured Practical Examination (OSPE):**
 - Practical examination at the end of the block
 - Contains **25%** of the marks.
 - **Short Answer Questions (SAQ):**
 - **Contains 20%** of the marks.

Learning Resources

- *Please see Reproductive Block guide.*



I Indifferent	Male	Female
<u>Gonad</u>	<u>Testis</u>	<u>Ovary</u>
<u>Paramesonephric duct</u> (Mullerian duct)	<u>Appendix testis</u>	<u>Fallopian tubes</u>
	<u>Prostatic utricle</u>	<u>Uterus, vagina</u>
<u>Mesonephric tubules</u>	<u>Efferent ducts, Paradidymis</u>	<u>Epoophoron, Paroöphoron</u>
<u>Mesonephric duct</u> (Wolffian duct)	<u>Rete testis</u>	<u>Rete ovarii</u>
	<u>Epididymis, Vas deferens</u>	<u>Gartner's duct</u>
	<u>Seminal vesicle</u>	
<u>Urogenital sinus</u>	<u>Bladder, urethra</u> <u>Prostate</u>	<u>Bladder, urethra</u>
	<i>Cowper's</i> or <u>Bulbourethral gland</u>	<u>Bartholin's gland</u>
<u>Labioscrotal folds</u>	<u>Scrotum</u>	<u>Labia majora</u>
<u>Urogenital folds</u>	<u>Spongy or penile urethra</u>	<u>Labia minora</u>
<u>Genital tubercle</u>	<u>Penis,</u>	<u>Clitoris</u>
	<u>Bulb of penis</u>	<u>Vestibular bulbs</u>
	<u>Glans penis</u>	<u>Clitoral glans</u>
	<u>Crus of penis</u>	<u>Clitoral crura</u>
<u>Prepuce</u>	<u>Foreskin</u>	<u>Clitoral hood</u>
<u>Gubernaculum</u>	<u>Gubernaculum testis</u>	<u>Round ligament of uterus</u>