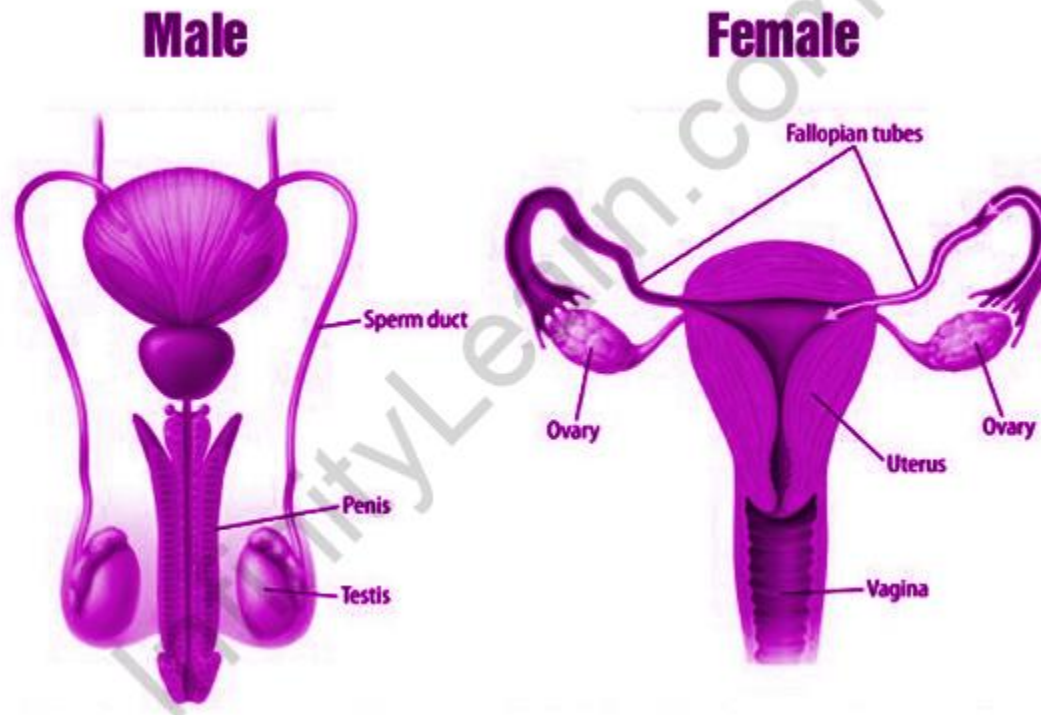


**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



BAQAI MEDICAL COLLEGE

SECOND YEAR M.B.B.S

STUDY GUIDE- 2024

REPRODUCTIVE MODULE

6 weeks



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

Fax: (092-21)34410-317, 34410-43. Email: info@baqai.edu.pk, Web: www.baqai.edu.pk/

TABLE OF CONTENTS
1. Title page
2. Table of Contents
3. Baqai Medical University Vision, Mission and Baqai Medical College Mission
4. M.B.B.S. Program Outcomes
5. CIC Spiral – I 2 nd Year MBBS Study Guide, Time Table and CBL Team Members
6. Introduction To Reproductive Module Guide
7. Reproductive Modular Outcomes
8. Integrated Teaching
9. Topics with Learning Objectives, Subject, Teaching Strategy, Facilitator, Duration, Venue
10. Reference Books and Other Reading Resources
11. Assessment Methods
12. Time Table of 2 nd Year M.B.B.S Reproductive Module



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



BAQAI MEDICAL UNIVERSITY VISION STATEMENT

To evolve as a nucleus for higher learning with a resolution to be socially accountable, focused on producing accomplished health care professionals for services in all spheres of life at the national and global level.





**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

BAQAI MEDICAL UNIVERSITY MISSION STATEMENT

University is dedicated to the growth of competencies in its potential graduates through dissemination of knowledge for patient care, innovation in scholarship, origination of leadership skills, and use of technological advancements and providing.

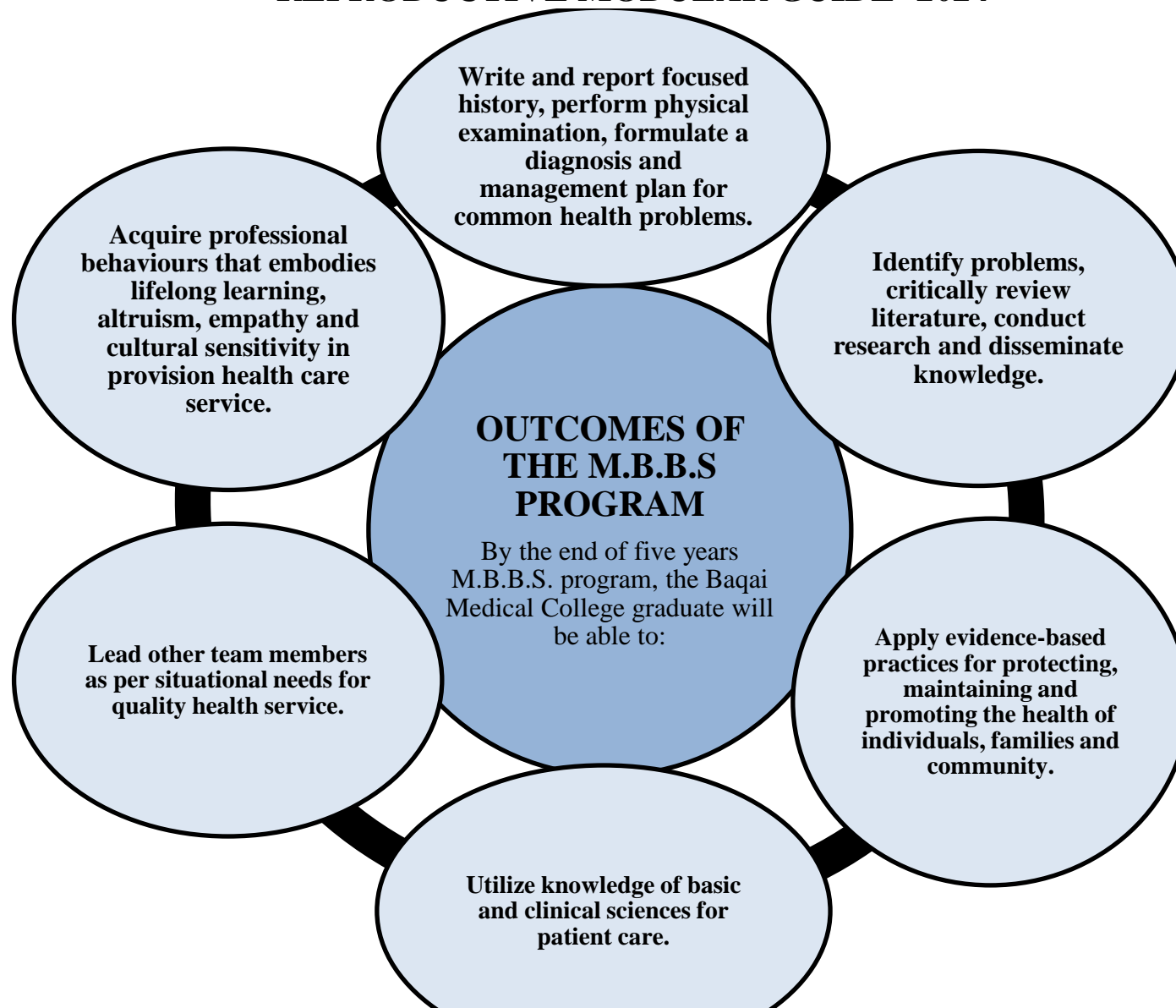


BAQAI MEDICAL COLLEGE MISSION STATEMENT

The mission of the Baqai medical college is to produce medical graduates, who are accomplished and responsible individuals and have skills for problem solving, clinical judgment, research & leadership for medical practice at the international level and are also aware of the health problems of the less privileged rural and urban population of Pakistan.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**





**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.**

REPRODUCTIVE MODULAR GUIDE- 2024

CIC SPIRAL-1 2nd Year MBBS MODULAR TIME TABLE, STUDY GUIDE and CBL TEAM

NAME OF FACULTY	DEPARTMENT	DESIGNATION IN TEAM	EMAIL ADDRESS
Prof. Dr. Syed Inayat Ali	Anatomy	Head of CIC Spiral-1	drinayat@baqai.edu.pk
Prof. Dr. Uzma	Anatomy	Class In-charge 2 nd Year MBBS	
Dr. Benish Zafar	Biochemistry	Coordinator of 2 nd Year MBBS Study Guide & Time Table Team	benishzafar@baqai.edu.pk
Dr. Mubashara Tahseen	Anatomy	Member	mubasharatahseen@baqai.edu.pk
Dr. Sobia	Physiology	Member	sobianabeel@baqai.edu.pk
Dr. Hina Masood	Pharmacology	Member	hinamasood@baqai.edu.pk
Dr. Rozeena	Pathology	Member	
Dr. Rafey Siddiqui	Forensic Medicine	Member	rafaya@baqai.edu.pk
Dr. Ammara	Community Medicine	Member	ammarasaheed@baqai.edu.pk
Dr. Aneeta / Dr. Saima Askari	Medicine	Members	haroonharoon@baqai.edu.pk / saimaaskari@baqai.edu.pk
Dr. Danish / Dr. Abdullah	Surgery	Member	drdanishmuneeb@baqai.edu.pk / dr.abdullah@baqai.edu.pk
Dr. Nikhat Ashraf	Gynaecology & Obstetrics	Member	dr.nikhatahsan@baqai.edu
Dr. Maria Rahim	Research	Member	maria.rahim@baqai.edu.pk
Dr. Mariam Ibrahim	Department of Medical Education	Member	mariamibrahim@baqai.edu.pk
Dr. Azra Shaheen	Behavioural Sciences	Member	azra@baqai.edu.pk
Dr. Danish/ Dr. Abdullah	Orthoepadics	Members	drdanishmuneeb@baqai.edu.pk / drabdullah@baqai.edu.pk

**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

Dr. Mehwish	Radiology	Member	
Dr. Kahkashan Perveen	Biochemistry	Spiral-1 CBL Coordinator	dr.kahkashan@baqai.edu.pk
Dr. Shahid Pervez	Anatomy	CBL team member	sshaikh@baqai.edu.pk
Dr. Salimullah	Physiology	CBL team member	drsalemullah@baqai.edu

INTRODUCTION TO REPROCTIVE MODULE GUIDE:

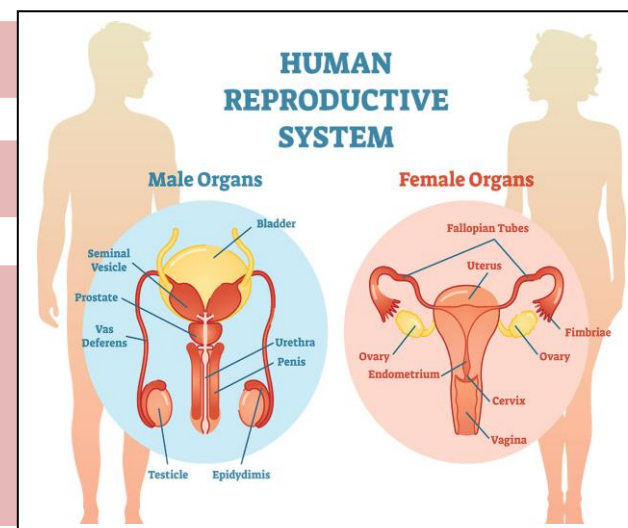
Year to be taught: Second Year M.B.B.S.-2024

Placement of Reproductive Module: SECOND

Duration: 6 weeks

Tentative Date: As per updated time table

Module Assessment Date: End of module



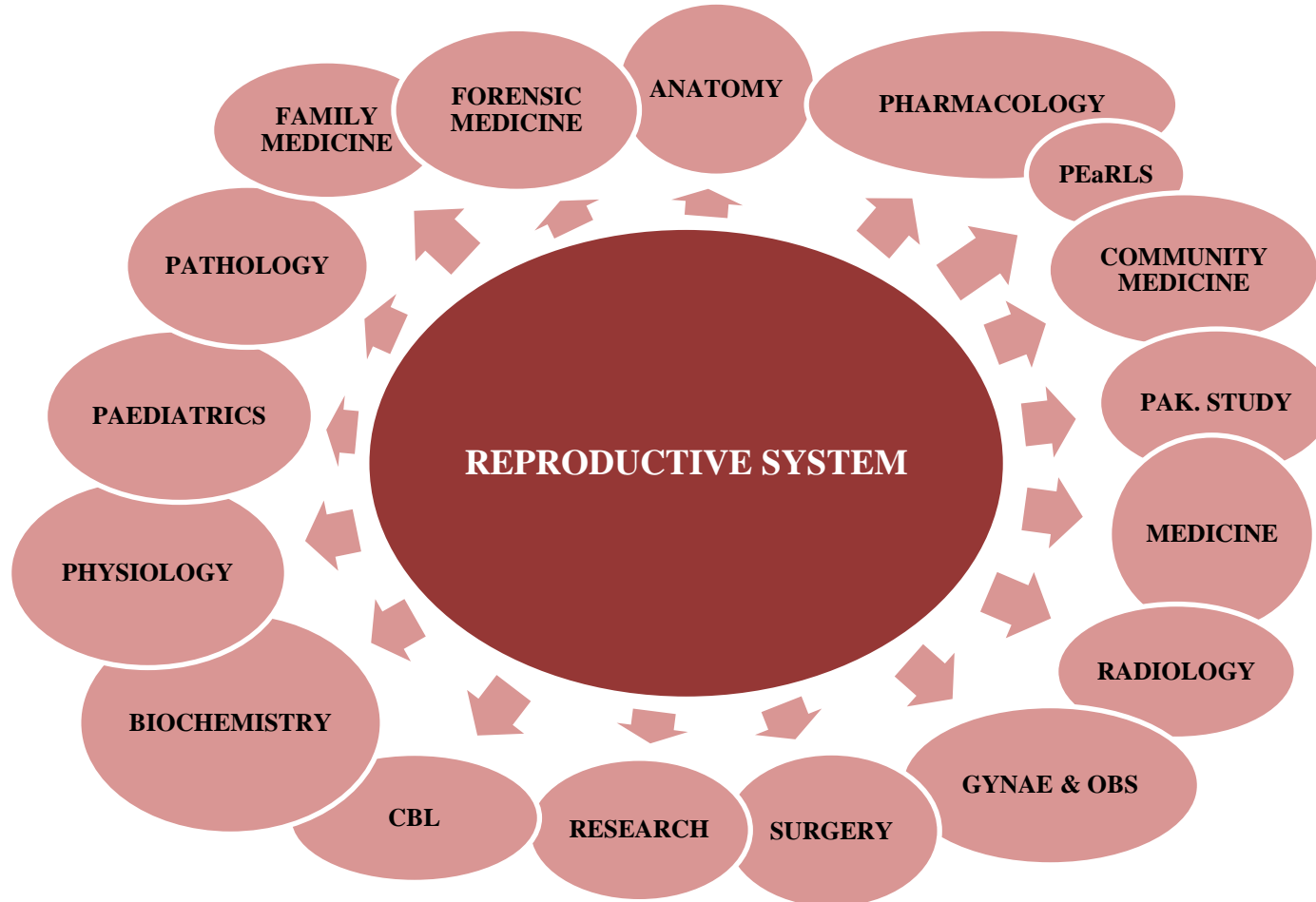
The Reproductive Module is the second module for 2nd Year MBBS Integrated Modular Curriculum for MBBS program. It will give an introduction and awareness about the



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

curriculum of reproductive system in general along with the teaching and learning environment. This module includes basic anatomical, physiological and biochemical concepts in relation to the reproductive system and its link with clinical aspects related to the diseases of reproductive system.

**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**





**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

REPRODUCTIVE MODULAR OUTCOMES

On completion of the reproduction module, 2nd year MBBS students will be able to:

1. Discuss gross and radiological features of pelvis along with the muscles and fascia of pelvis.
2. Discuss the development of male and female reproductive system with their associated congenital malformation.
3. Identify the gross and microscopic features of parts of male and female reproductive system and their related applied anatomy.
4. Describe the synthesis, secretion and functions of male and female reproductive hormones along with their irregularities.
5. Explain the different phases of menstrual cycle along with their regulation and abnormalities.
6. Associate the role of hormones during parturition and lactation.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

INTEGRATED TEACHING

TOPICS WITH OBJECTIVES	DEPARTMENT	DURATION	FACILITATOR	TEACHING STRATEGY	VENUE
Introduction Of Reproductive System <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• List the reproductive organs.• Describe the various part of Reproductive system.• Compare the identification feature of male and female reproductive systems.	ANATOMY	60 minutes	Dr.Shahid	Lecture	Lecture hall – II, Ground floor, Block-A.
Bones and joints of Pelvis <u>At the end of this SGT session 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• Identify the bone of pelvis.	ANATOMY	90 minutes	Dr. Aneela / Dr.Hina / Dr.Ayesha	SGT	Lecture hall – II, Dissection hall &



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> List the joints of pelvis. Explain types, articulation and ligaments of pelvic joints. Describe blood supply, nerve supply and movements of joints. 					Anatomy LRC; Ground floor, Block-A.
<p>Bony pelvis <u>At the end of this SGT session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Identify the greater and lesser pelvis. Discuss the pelvic inlet and outlets Describe the contents of pelvis Discuss the different shapes of pelvis in female. Differentiate between male and female pelvis. 	ANATOMY	120 Minutes	Dr. Aneela / Dr.Hina / Dr.Ayesha	SGT	Lecture hall – II, Dissection hall & Anatomy LRC; Ground floor, Block-A.
<p>Pelvic wall and floor <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the structure of Pelvic walls. Discuss the muscle and fascia of pelvic floor 	ANATOMY	60 minutes	Dr.Shahid	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Introduction To Reproductive Hormones <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Define Hormones 	BIOCHEMISTRY	60 minutes	Dr. Benish	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> • Classify hormones according to the biochemical structure. • Identify the type of receptors used by the hormones • List the types of modes of action used by hormones • List the reproductive hormones. • Describe the regulation of hormone regulation 					
<p>Testis and scrotum: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the anatomy of the scrotum, and testes. • Describe the layers of testis and scrotum. • Discuss the blood supply and venous drainage of testis and scrotum. • Discuss the nerve supply of testis and scrotum. • Discuss the lymphatic drainage of testis and scrotum. 	ANATOMY	90 minutes	Dr. Shahid	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Histology of testis and scrotum: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Identify the histological features of scrotum 	ANATOMY	60 minutes	Dr. Inayat	Lecture	Lecture hall –II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>and testes.</p> <ul style="list-style-type: none"> Describe the histology of seminiferous tubules, sertoli cells, spermatozoa, Leydig cells, rete testis and epididymis. 					
<p>Slide of Testes: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Identify the histological features of testis. Recognize the lining epithelium of seminiferous tubules. List the cells found in the epithelium of seminiferous tubules. Recognize the cells of leydig. Explain the role of Sertoli and leydig cells In the production of sperm and regulation of male reproductive system. 	ANATOMY	120 minutes	Dr. Aneela / Dr.Hina / Dr.Ayesha	Practical	Histology Lab, first floor, block-A
<p>Scrotal swelling <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Take a pertinent history and examination in a patient with scrotal swelling. Differentiate scrotal swelling from inguinoscrotal swelling depending on history 	SURGERY	60 minutes	Dr.Tanveer	Lecture	Lecture hall –II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>and examination.</p> <ul style="list-style-type: none"> • Describe the anatomy of scrotum and testis. • List causes of scrotal swellings. • Differentiate different types of scrotal swelling upon history and examination 					
<p>Embryology of male reproductive system I <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the development of testis. • Name the factors responsible for decent of testis • Discuss developmental anomalies of testis 	ANATOMY	60 minutes	Dr. Uzma	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Undescended testis <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the path of descend of testis. • Describe the hormones responsible for testicular descend. • Describe the anatomy of inguinal canal, testis and scrotum. • Identify and examine Undescended testis 	SURGERY	60 minutes	Dr.Tanveer	Lecture	Lecture hall –II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Anatomy of ducts of male reproductive system</p> <p><u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the gross anatomy of Epididymis, Vas deferens, Seminal vesicle, ejaculatory duct and prostate gland. • Describe the neurovascular supply of Seminal vesicle . 	ANATOMY	60 minutes	Dr.Shahid	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Histology of ducts of male reproductive system</p> <p><u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Identify the histological features of Epididymis, Vas deferens, Seminal vesicle, ejaculatory duct and prostate gland. • Describe the histology Epididymis, Vas deferens, • Seminal vesicle, ejaculatory duct and prostate gland. 	ANATOMY	60 minutes	Dr.Inayat	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Histology Slide of Seminal Vesicles</p> <p><u>At the end of this practical session 2nd year MBBS students will be able to:</u></p>	ANATOMY	120 minutes	Dr. Aneela / Dr. Hina / Dr.Ayesha	Practical	Histology Lab, first floor, block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Identify the histological features of seminal vesicle. Recognize the three coats of seminal vesicle. Identify the lining epithelium of seminal vesicle. 					
<p>Functional parts of male reproductive system: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the functional components of male reproductive system. Discuss the functional organization of the testis. Describe the process of spermatogenesis in the germinal epithelium of the seminiferous tubule. Explain the structural and functional significance of the blood-testis barrier. 	PHYSIOLOGY	90 minutes	Dr. Muhammad Ali	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Mode Of Action Of Reproductive Hormone <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Identify the different mode of action used by hormones involved in reproduction namely GnRH, FSH, LH, estrogen, progesterone, 	BIOCHEMISTRY	60 minutes	Dr. Benish	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>androgen, oxytocin, prolactin, growth hormone, inhibin, relaxin and anti-mullerin hormone.</p> <ul style="list-style-type: none"> • Discuss the mode of action of FSH, LH and steroid reproductive hormones. 					
<p>Basics of Reproductive System <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Name different parts of male and female reproductive systems. • List the names of the hormones secreted by male and female reproductive organs. • Identify the functions of male and female reproductive hormones. 	MEDICINE	60 minutes	Dr. Saima Askari	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Chemistry of Androgens <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • List the Hormones produced by testes. • Identify the types of androgens produced by different sources of secretion. • Discuss the transport, plasma level, metabolism and regulation of secretion of 	BIOCHEMISTRY	90 minutes	Dr. Benish	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>testosterone.</p> <ul style="list-style-type: none"> Describe the secretion and regulation of testosterone in fetal life, puberty, adult and old age. State that the female hormones estrogen and progesterone are present in small quantities in males. 					
<p>Synthesis of testosterone: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the synthesis of testosterone through $\Delta 4$-pathway in testes. Describe the synthesis of testosterone through $\Delta 5$-pathway in testes. Discuss the metabolic effects of testosterone in adolescent and adult life in males. List the non-metabolic effects of testosterone in fetal life and adult life. 	BIOCHEMISTRY	90 minutes	Dr. Benish	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Function of testosterone: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Name the male sex hormones. 	PHYSIOLOGY	90 minutes	Dr. Sobia	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> • Explain the function of male hormones in reproduction. • Describe the onset of puberty is signaled by high pulses of GnRH secreted by the hypothalamus. • Discuss the release of FSH and LH from the pituitary gland. 					
<p>Reproductive Hormones <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • List the sources of testosterone, estrogen & progesterone and its functions in the male and female body respectively. • Identify the problems which arise due to testosterone, estrogen & progesterone deficiency in males and females respectively. 	MEDICINE	60 minutes	Dr. Saima Askari	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Spermatogenesis <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the histological organization of the testis. 	PHYSIOLOGY	60 minutes	Dr. Qamar Aziz	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Summarize the process of spermatogenesis in the germinal epithelium of the seminiferous tubule. Explain the structural and functional significance of the blood-testis barrier. Describe the structure and function of each segment of the male reproductive tract. Describe the epithelia of seminal vesicle 					
<p>Overview of pharmacology of male reproductive system <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Recall the physiological effects of Testosterone. Discuss the pathophysiology of Disorders related to Testosterone. Discuss the mechanistic pharmacology of Testosterone. 	<p>PHARMACOLOGY</p>	<p>60 minutes</p>	<p>Dr.Hina / Dr.Farhan</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Estimation of Serum Cholesterol <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Name the reagents to be used in the experiment. • Read the instructions to prepare the stock standard solutions and the sample. • Describe the principle of the reaction taking place in the experiment. • Record the readings of transmittance of stock standard solutions and sample with the help of spectrophotometer. • Refer to the transmittance chart for obtaining optical density values of 'S' and 'T' test tubes. 	<p>BIOCHEMISTRY</p>	<p>120 minutes</p>	<p>Dr. Benish /Mr.Jamal</p>	<p>Practical</p>	<p>Biochemistry Lab, first floor, block-A</p>
<p>Graph Construction of Serum Cholesterol Values <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Calculate the concentration of stock standard solutions of cholesterol of 'S' test tubes prepared in experiment of estimation of serum cholesterol. 	<p>BIOCHEMISTRY</p>	<p>120 minutes</p>	<p>Dr. Benish /Mr.Jamal</p>	<p>Practical</p>	<p>Biochemistry Lab, first floor, block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> • Draw the graph to obtain the concentration of Serum cholesterol for the sample. • State the normal range of serum total cholesterol. 					
<p>Interpretation of serum cholesterol values <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Interpret the result obtained from construction of serum cholesterol graph of whether the sample is hypocholesterolemic / hypercholesterolemic or within the normal range. • Discuss a few clinical causes hypocholesterolemia and hypercholesterolemia 	BIOCHEMISTRY	120 minutes	Dr. Benish /Mr.Jamal	Practical	Biochemist ry Lab, first floor, block-A
<p>Gross anatomy of prostate gland <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Describe the gross features of prostate gland. • Describe their location, relations, blood supply, nerve supply and lymphatic drainage. 	ANATOMY	60 minutes	Dr.Shahid	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Describe the clinical conditions associated with prostate gland 					
<p>Slide of Prostate Gland <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Recognize the histological features of prostate gland. Recognize the different zones of prostate gland and their clinical importance.. Identify the prostatic urethra. Recognize the corpora amylacea. 	ANATOMY	120 minutes	Dr. Aneela / Dr.Hina / Dr.Ayesha	Practical	Histology Lab, First floor, Block-A
<p>Benign prostatic hyperplasia <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Define Benign Prostatic Hyperplasia. Explain the etiology & pathogenesis of BPH. Describe the morphology of BPH (gross & microscopic). List the clinical findings & complications of BPH. 	PATHOLOGY	60 minutes	Dr.Rozeena	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Embryology of male reproductive system II <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Discuss the development of epididymis, vas deferens and seminal vesicles. • Describe the development of male genitalia. • Discuss developmental anomalies of male external genitalia. 	ANATOMY	60 minutes	Dr. Uzma	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Function of semen: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Identify the normal composition of semen • Explain morphology and motility of semen • Define the indication and importance of semen analysis. 	PHYSIOLOGY	60 minutes	Dr. Qamar Aziz	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Male factor infertility <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Define infertility • Identify the differences between primary and secondary infertility. 	MEDICINE	60 minutes	Dr. Saima Askari	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> List down various causes of male infertility Enumerate the lab investigations for evaluation of male infertility. 					
<p>Male urogenital triangle <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe male urogenital triangle and its contents. Describe the gross anatomy of male urethra. Describe the blood supply, nerve supply and lymphatic drainage of male urethra. Describe the clinical conditions associated with penis and male urethra. 	ANATOMY	60 minutes	Dr.Shahid	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Urogenital trauma <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Summarize clinical anatomy of genitals, ureter, bladder and urethra. Describe ATLS protocol. List the signs and symptoms of patient presenting with urogenital trauma. 	SURGERY	60 minutes	Dr.Tanveer	Lecture	Lecture hall – II, Ground floor, Block-A.



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

<p>Embryology of female reproductive system: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">• Recall process of oogenesis.• Define the location and division of genital ridge.• Describe the development and differentiation of paramesonephric ducts.• Discuss the development of various parts of female reproductive system.• List the time line in which the development of female reproductive system starts and ends.	ANATOMY	60 minutes	Dr. Uzma	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Female reproductive system <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">• Explain the functions of various parts of female reproductive system.• Define the periods of sexual life in females.• Enumerate the changes in puberty.• Discuss the role of hormones in puberty.	PHYSIOLOGY	60 minutes	Dr. Saba Abrar	Lecture	Lecture hall – II, Ground floor, Block-A



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

Reproductive phases of life and women health: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• Classify the health problems of adolescents• Discuss the health issues related to child bearing (reproductive) years and post child bearing (reproductive) years• List the variables affecting women's health.	COMMUNITY MEDICINE	60 minutes	Dr. Nauman	Lecture	Lecture hall –II, Ground floor, Block-A
Ovary & Fallopian Tube: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">○ Describe the gross structure of ovary and fallopian tube and their location and shape.○ Discuss the anatomical relations of ovary and fallopian tube.• Discuss the blood supply and venous drainage of ovary and fallopian tube	ANATOMY	90 minutes	Dr. Mubashra	Lecture	Lecture hall – II, Ground floor, Block-A.
Histology of ovary and fallopian tube: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">○ Describe the histological features of ovary	ANATOMY	60 minutes	Dr. Inayat	Lecture	Lecture hall –II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>and fallopian tube.</p> <ul style="list-style-type: none"> • Detail of the microanatomy of ovarian follicles, lining epithelium and cells found in the ovary and fallopian tube. 					
<p>Slide of Ovary: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Identify the type of epithelium cover the surface of ovary. • Recognize the zones of ovary. • Identify the different stages of ovarian follicle in reproductive age. • Identify the histological features of graafian follicle. 	ANATOMY	120 minutes	Dr. Hina / Dr.Aneela / Dr.Ayesha	Practical	Histology Lab, first floor, Block-A.
<p>Slide of Fallopian tube: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Recognize the coats of fallopian tube. • Identify the lining epithelium of fallopian tube. 	ANATOMY	120 minutes	Dr. Hina / Dr.Aneela / Dr. Ayesha	Practical	Histology Lab, first floor, Block-A.



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

<p>Synthesis of estrogen: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Identify the different forms of estrogen, its source of secretion.○ State the normal range of estrogen in females & males.○ Describe the synthesis, degradation and regulation of estrogen.● Identify the metabolic effects of estrogen and progesterone.	BIOCHEMISTRY	90 minutes	Dr. Benish	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Functions of estrogen: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Describe the role of estrogen in female reproductive system.● Discuss the different effects of estrogen on body.	PHYSIOLOGY	60 minutes	Dr. Sobia	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Functions of progesterone: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Describe the important functions of progesterone on body. ● Discuss its normal levels in the human body. 	<p>PHYSIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Saba Abrar</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>
<p>Overview of pharmacology of female reproductive system: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Discuss the physiology of Estrogen and Progesterone. ○ Outline the pathophysiology of Disorders related to Estrogen & Progesterone. ● Discuss the mechanistic pharmacology of disorders related to Estrogen & Progesterone. 	<p>PHARMACOLOGY</p>	<p>60 minutes</p>	<p>Dr. Farraz</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>
<p>Ovarian cycle: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Explain oogenesis and follicular development. ○ Describe the changes in the ovarian follicles in relation to oogenesis. 	<p>PHYSIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Saba</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Identify and describe the cell types of the corpus luteum. 					
<p>Uterus: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the gross structure of uterus, its location and shape. List the coverings of uterus. Discuss the structural relations of uterus. Discuss the blood supply, nerve supply and lymphatic drainage of uterus. 	ANATOMY	60 minutes	Dr. Shahid	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Vagina: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the gross structure of vagina, its location and shape. List the coverings of vagina. Discuss the structural relations of vagina. Discuss the blood supply, nerve supply and lymphatic drainage of vagina. 	ANATOMY	60 minutes	Dr. Mubashra	Lecture	Lecture hall – II, Ground floor, Block-A.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Gross Anatomy of Support of uterus and vagina: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Describe the primary supports of uterus and vagina. ● Discuss the secondary supports of uterus and vagina. 	ANATOMY	60 minutes	Dr. Shahid	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Histology of uterus and vagina: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Describe the histological features of uterus and vagina. ○ Define the microanatomy of the walls of the uterus and vagina. ○ Define the lining epithelium of vagina and uterus. ● Describe the cells found in the uterine endometrium. 	ANATOMY	90 minutes	Dr. Inayat	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Slide of Uterus: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p>	ANATOMY	120 minutes	Dr. Hina / Dr.Aneela /Dr.Ayesha	Practical	Histology Lab, first



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> • Recognize the layers of uterus. • Identify the lining epithelium of endometrium and type of cells. • Distinguish the cyclical changes in the uterine endometrium. 					floor, Block-A.
<p>Slide of Vagina: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Identify the lining epithelium of Vagina. ○ Discuss the points of identification of Vagina. 	ANATOMY	120 minutes	Dr. Hina / Dr.Aneela /Dr.Ayesha	Practical	Histology Lab, first floor, Block-A.
<p>Estimation of Serum Uric acid: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Name the reagents to be used in the experiment. • Follow the instructions to prepare the stock standard solutions and the sample.. • Describe the principle of the reaction taking place in the experiment. • Record the readings of transmittance of stock standard solutions and sample by using spectrophotometry 	BIOCHEMISTRY	120 minutes	Dr. Benish/ Mr.Jamal	Practical	Biochemist ry Lab, first floor, block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> • Utilize the transmittance chart given in the practical for obtaining optical density values of 'S' and 'T' test tubes. • Calculate the concentration of stock standard solutions of 'S' test tubes 					
<p>Menstrual Cycle: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define the process of ovulation. ○ Explain effects of hormones on phases of menstruation. ○ Define mechanism of menstruation. • Describe the regulation of female monthly cycle. 	PHYSIOLOGY	60 minutes	Dr. Muhammad Ali	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Menstrual Irregularities: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define menstrual irregularities. ○ Classify the different types of menstrual irregularities. ○ Discuss the etiology of menstrual irregularities and scanty menstruation. 	GYNAE & OBS	60 minutes	Dr. Nighat	Lecture	Lecture hall –II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Enumerate the clinical features of menstrual irregularities. 					
<p>Maturation & fertilization of ovum: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Define the process of maturation of ovum. Describe the process of fertilization. Identify the site of fertilization. Explain how the egg prevents fertilization by more than one sperm. List the results of fertilization. 	PHYSIOLOGY	60 minutes	Dr. Saba	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Implantation of ovum: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Describe the formation of blastocyst. Identify the implantation site. Define mechanism of implantation. Describe the formation of primary chorionic villi. List the sites of ectopic pregnancy. 	PHYSIOLOGY	60 minutes	Dr. Muhammad Ali	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Polycystic ovarian disease: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define Polycystic Ovarian Syndrome. ○ Explain the etiology & pathogenesis of PCO. ○ Describe the morphology of PCO. ○ List the clinical findings of PCO. ● List the laboratory findings of PCO. 	<p>PATHOLOGY</p>	<p>60 minutes</p>	<p>Dr. Nasima Iqbal</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>
<p>Primary Amenorrhea: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Discuss the embryology of female genital system. ○ Describe the etiology of outflow tract obstruction. ● Classify the congenital anomalies of the genital tract that causing primary amenorrhea. 	<p>GYNAE & OBS</p>	<p>60 minutes</p>	<p>Dr. Nighat</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>
<p>Female factors of infertility: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ List down various causes of female infertility. 	<p>MEDICINE</p>	<p>60 minutes</p>	<p>Dr. Masooda</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

○ Enumerate the lab investigations for evaluation of female infertility.					
Female Reproductive System Model: <u>At the end of this SGT session 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none"> ● Identify the parts of Female Reproductive System. ○ Discuss the Gross structure of the parts. ● Discuss the function of these parts. 	ANATOMY	90 minutes	Dr. Aneela/ Dr. Hina / Dr. Ayesha	SGT	Anatomy LRC, Lecture Hall-2, Dissection Hall; Ground floor, Block-A
Functions of placenta: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none"> ○ Explain Placental circulation. ○ List the function of placenta. ○ Enumerates the hormones of placenta. ○ Discuss the placental changes in pregnancy. ● Recognize the pathologies associated with the placenta. 	PHYSIOLOGY	60 minutes	Dr. Sobia	Lecture	Lecture hall – II, Ground floor, Block-A
Double Bohr's effect: <u>At the end of this lecture 2nd year MBBS students will be able to:</u>	PHYSIOLOGY	60 minutes	Dr. Muhammad Ali	Lecture	Lecture hall – II,



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> ○ Define and describe the double Bohr's effect. ○ Discuss in detail its components. ● Elaborate the clinical significance of knowing the phenomenon. 					Ground floor, Block-A
<p>Biochemical role of placenta: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ List the hormones produced by placenta. ○ Define fetoplacental unit. ● Describe the endocrine role of fetoplacental unit in placenta. ● Describe the functions of placental hormones. 	BIOCHEMISTRY	60 minutes	Dr. Benish	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Pregnancy: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Recognize the signs of pregnancy in medico legal cases. ○ Associate the height of fundus of uterus with weeks of gestation. ● Identify the medico legal importance of pregnancy. 	FORENSIC MEDICINE	60 minutes	Dr. Jan e Alam	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Interpretation of serum uric acid values: <u>At the end of this practical session 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Construct the graph to obtain the concentration of uric acid for the sample. • State the normal range of serum uric acid. ○ Interpret the result of whether the sample is hypouricemic/hyperuricemic or within the normal range. • Discuss a few clinical causes of hypouricemia and hyperuricemia. 	<p>BIOCHEMISTRY</p>	<p>120 minutes</p>	<p>Dr. Benish</p>	<p>Practical</p>	<p>Biochemistry Lab, first floor, block-A</p>
<p>Placental injury: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define placental injury (Placental s Abruptio). ○ List the causes of placental injury. ○ Enumerate the risk factors of placental injury. • Explain the clinical features of placental injury. 	<p>GYNAE & OBS</p>	<p>60 minutes</p>	<p>Dr. Nighat</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Parturition: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define parturition. ○ Describe the physiological factors causing parturition. ○ List the physiological events occurring during and after parturition. ● Discuss the hormonal and mechanical factors to increase uterine contractility. 	<p>PHYSIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Muhammad Ali</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>
<p>Physiological Role of contraception: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define contraception. ○ List different contraceptive methods with pros and cons. ○ Describe the composition of hormonal contraceptives. ○ Describe the mechanism of action of hormonal contraceptives. ● Identify the advantages and disadvantages of oral contraceptives. 	<p>PHYSIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Saba Abrar</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

<p>Safe Motherhood: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ List the WHO recommended strategies for safe motherhood.○ Discuss about the antenatal care.● Describe the objectives of post-partum family planning.	<p>COMMUNITY MEDICINE</p>	<p>60 minutes</p>	<p>Dr. Nauman</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>
<p>Abortion (Miscarriage): <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Define abortion and miscarriage.○ Classify types of abortion & methods of induced Abortion.○ List the complications of criminal abortion.● Discuss the ethical & Medicolegal considerations of Abortion.	<p>FORENSIC MEDICINE</p>	<p>60 minutes</p>	<p>Dr. Jan e Alam</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Imaging Of Male & Female Pelvis <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> • Recall the anatomy of female pelvis • Identify the radiological features of female pelvis as viewed on an x-ray. • Recall the anatomy of prostate gland. • Identify the radiological features of prostate gland as viewed on a CT scan. 	<p>RADIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Mehwish</p>	<p>Lecture</p>	<p>Lecture hall –II, Ground floor, Block-A</p>
<p>Neonatal physiology: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Explain the adaptations in maternal physiology during pregnancy. ○ Compare the difference in maternal and fetal physiology. • Describe the adaptations in physiological function between the human fetus and neonate. 	<p>PHYSIOLOGY</p>	<p>60 minutes</p>	<p>Dr. Sobia</p>	<p>Lecture</p>	<p>Lecture hall – II, Ground floor, Block-A</p>
<p>Mammary gland: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p>	<p>ANATOMY</p>	<p>60 minutes</p>	<p>Dr. Mubashra</p>	<p>Lecture</p>	<p>Lecture hall – II,</p>



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> ○ Describe the gross structure of mammary gland. ○ Describe their location, relations, blood supply, nerve supply and lymphatic drainage of breast. ● Describe the clinical conditions associated with breast. 					Ground floor, Block-A.
<p>Hormone acting on breast: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Discuss functions of breast. ○ Describe role of growth hormone in breast development. ● Explain role of estrogen, progesterone, prolactin, oxytocin & ILGF on breast. 	PHYSIOLOGY	60 minutes	Dr. Sobia Khan	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Milk ejection reflex: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Describe stages of lactation. ○ Identify composition of milk. ○ List the factors affecting lactation. 	PHYSIOLOGY	60 minutes	Dr. Saba Abrar	Lecture	Lecture hall –II, Ground floor, Block-A



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

<p>Prolactin: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Identify the source of prolactin.○ Enumerate the normal functions of prolactin in the body.● List the problems secondary to prolactin excess.	MEDICINE	60 minutes	Dr. Saima Askari	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Breast feeding: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Define exclusive breast feeding.○ Discuss the advantages and disadvantages of breast feeding.○ List the maternal breast feeding problems.● Explain breastfeeding strategies for working mothers.	COMMUNITY MEDICINE	60 minutes	Dr. Noman	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Breast diseases: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">○ Discuss clinical anatomy of breast.○ List congenital anomalies of breast.	SURGERY	60 minutes	Dr. Sidra	Lecture	Lecture hall – II, Ground floor, Block-A



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> ○ Describe variations of benign breast disease. ● Describe the histopathology of breast tissue. 					
<p>Biochemical changes in menopause: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ● Discuss about the biochemical changes which take place in females after menopause in relation to different organ systems. 	BIOCHEMISTRY	60 minutes	Dr. Benish	Lecture	Lecture hall –II, Ground floor, Block-A
<p>Research: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ○ Define research. ● Define research synopsis. 	RESEARCH	60 minutes	Dr. Maria	Lecture	Lecture hall – II, Ground floor, Block-A
<p>Research Synopsis: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> ● Define research synopsis. 	RESEARCH	60 minutes	Dr. Maria	Lecture	Lecture hall – II, Ground floor, Block-A.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<ul style="list-style-type: none"> Discuss synopsis of different study designs 					
<p>Research Project components: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> List the components of a research project. Describe the sections of a research project 	RESEARCH	60 minutes	Dr. Maria	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Doctor-patient Relationship <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none"> Define the concept of doctor patient relationship. Describe the ways in which a doctor can develop rapport with the patient Identify the Psychological Reactions in Doctor-Patient Relationship Define the terms Transference, Counter-transference and Resistance Summarize the characteristics which should be displayed by health professionals in a work environment. 	BEHVIOURAL SCIENCES	60 minutes	Dr. Azra Shaheen	Lecture	Lecture hall – II, Ground floor, Block-A.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

<p>Communication Skills <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">• Define communication• Classify types of communication• Identify the factors that influence communication• Discuss the Principles of effective communication• Explain the characteristics of a good communicator	BEHVIOURAL SCIENCES	60 minutes	Dr. Azra Shaheen	Lecture	Lecture hall – II, Ground floor, Block-A.
<p>Medical Negligence I <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">• Define medical negligence.• Describe four D of medical negligence.• Enumerate the types of medical negligence.• Discuss medical negligence and mal practice	BIOETHICS	60 minutes	Dr. Mubashara	Lecture	Lecture hall – II, Ground floor, Block-A.



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

Medical Negligence-2 <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• Describe the medical negligence.• Identify the difference between medical negligence and malpractice.• Explain law for medical negligence.	BIOETHICS	60 minutes	Dr. Mubashara	Lecture	Lecture hall – II, Ground floor, Block-A.
Two Nation Theory and Quaid-e-Azam: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• Describe Quaid-e-Azam's views on the Two Nation Theory.	PAKISTAN STUDIES	60 minutes	Miss. Uzma	Lecture	Lecture hall – II, Ground floor, Block-A.
Hazrat Shah Waliullah: <u>At the end of this lecture 2nd year MBBS students will be able to:</u> <ul style="list-style-type: none">• Write and explain the services of Hazrat Shah Wali Ullah	PAKISTAN STUDIES	60 minutes	Miss. Uzma	Lecture	Lecture hall – II, Ground floor, Block-A.
Sheikh Ahmad Sirhindi: <u>At the end of this lecture 2nd year MBBS students will be able to:</u>	PAKISTAN STUDIES	60 minutes	Miss. Uzma	Lecture	Lecture hall – II,



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

<ul style="list-style-type: none">Write and explain the services of Sheikh Ahmad.					Ground floor, Block-A.
<p>Sir Syed Ahmed Khan: <u>At the end of this lecture 2nd year MBBS students will be able to:</u></p> <ul style="list-style-type: none">Write and explain the educational, political, religious, social and literary services of Aligarh Movement (Sir Syed Ahmed Khan).	PAKISTAN STUDIES	60 minutes	Miss. Uzma	Lecture	Lecture hall – II, Ground floor, Block-A.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

REFERENCE BOOKS AND OTHER READING RESOURCES:

Gross Anatomy	BD Chaurasia's Handbook of GENERAL ANATOMY Netter Atlas of Human Anatomy Snell's Clinical Anatomy by Regions Gray's Anatomy for Students.
Embryology	Langman's Medical Embryology The Developing Human by Keith L. Moore
Histology	Histology by Laiq Hussain Siddiqui
Physiology	Guyton and Hall. Textbook of Medical Physiology, 13 th Edition. Ganong's Review of Medical Physiology, 24 th Edition. Essentials of Medical Physiology by K. Sembulingam
Biochemistry	Textbook of Medical Biochemistry M.N. Chatterjee and Rana Shinde Textbook of Biochemistry for Medical Students Damodaran M Vasudevan and S. Sreekumari Harper's Illustrated Biochemistry
Pathology	Robin's Basic Pathology-10 th Edition
Pharmacology	<u>Essential</u> - Bertram G. Katzung. Basic and Clinical Pharmacology, 14 th Edition. 2017. - Katzung and Trevor's pharmacology Examination and Board Review 11 th Edition 2015. <u>Recommended</u> - Lippincott's illustrated review of Pharmacology. 6 th Edition. 2015.



BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024

Pakistan Studies	<ol style="list-style-type: none">1. Burki, Shahid Javed. State & Society in Pakistan, The Macmillan Press Ltd 1980.2. Akbar, S. Zaidi. Issue in Pakistan's Economy. Karachi: Oxford University Press, 2000.3. . SM. Burke and Lawrence Ziring. Pakistan's Foreign policy: An Historical analysis. Karachi: Oxford University Press, 1993.4. Mehmood, Safdar. Pakistan Political Roots & Development. Lahore, 1994.5. Wilcox, Wayne. The Emergence of Bangladesh., Washington: American Enterprise, Institute of Public Policy Research, 1972.6. Mehmood, Safdar. Pakistan Kayyun Toota, Lahore: Idara-e-Saqafat- e-Islamia, Club Road, nd.7. Amin, Tahir. Ethno - National Movement in Pakistan, Islamabad: Institute of Policy Studies, Islamabad.8. Ziring, Lawrence. Enigma of Political Development. Kent England: Wm Dawson & sons Ltd, 1980.9. Zahid, Ansar. History & Culture of Sindh. Karachi: Royal Book Company, 1980.10. Afzal, M Rafique. Political Parties in Pakistan, Vol. I, II & III. Islamabad: National Institute of Historical and cultural Research, 1998.
Community Medicine	<p>Ilyas M, Public Health and Community Medicine, 7th Edition, Karachi, Pakistan, Time Publisher, 2007.</p> <p>Maxcy-Rosenau-Last, public Health and Preventive Medicine, 13th Edition, USA, Prentice-Hall International Inc, 1992.</p> <p>K.Park, Preventive and Social Medicine, 20th Edition, Jabalpur (India), M/s Banarsidas Bhanot, Publisher, 2009.</p>
General Medicine	Davidson's Principles and Practice of Medicine-22 nd Edition
Clinical Examination	Talley and O'Connor's Clinical Examination-6 th Edition
General Surgery	Bailey And Love Short Practice Of Surgery, 27 th Edition Last's anatomy 12 th edition



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

	Snell's anatomy by regions 10 th edition
Research	Introduction to Research in Health Sciences- Stephen Polgar, Shane A. Thomas. Biomedical Research Proposal Writing- Syed Sharaf Ali Shah, ZarfshanTahir, Rozina Karmaliani. Epidemiology - Leon Gordis; Fifth Edition.
PEARLs	https://www.mededportal.org/publication/10610/
Paediatrics	Nelson Textbook of Pediatric 21 st edition. Textbook of Paediatrics (PPA) Fifth edition. Basis of Pediatrics (Pervez Akbar Khan) 10 th edition

ASSESSMENT METHODS:

THEORY:

- ❖ **Essay Questions- Short Essay Questions (SEQs)** are used to assess objectives covered in each module.
 - 6 SEQs are given (no choice).
 - Time duration 90 minutes.
 - Students write the answer in the provided answer sheet.
- ❖ **Multiple Choice Questions (MCQs)** are used to assess objectives covered in each module.
 - An MCQ has a statement or clinical scenario followed by four options (likely answer).
 - Students after reading the statement/scenario select ONE, the most appropriate response from the given list of options.
 - Correct answer carries one mark, and incorrect 'zero mark'. There is no negative marking.
 - Students mark their responses on specified computer-based/OMR sheet designed for BMC, BMU.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

❖ OSPE/OSCE: Objective Structured Practical/Clinical Examination:

- Each student will be assessed on the same content and have same time to complete the task.
- Comprise of 05 stations.
- Each station may assess a variety of clinical tasks; these tasks may include history taking, physical examination, skills and application of skills and knowledge.
- Stations are observed, unobserved, interactive and rest stations.
- Observed and interactive stations will be assessed by internal or external examiners.
- Unobserved will be static stations in which there may be an X-ray, Labs reports, pictures, Biochemical estimation tests graph construction tasks or clinical scenarios with related questions for students to answer.
- Rest station is a station where there is no task given and in this time student can organize his/her thoughts.

INTERNAL EVALUATION:

- Students will be assessed to determine achievement of module objectives through the following:
- **Module Examination:** will be scheduled on completion of each module. The method of examination comprises theory exam which includes MCQs and OSPE (Objective Structured Practical Examination).
- **Formative Assessment of students combined:** Quiz, viva, practical, assignment, small group activities such as CBL, online assessment, and Practical journal work.
- Marks and attendance of modular examination and formative assessment respectively will constitute 20% weightage which will be added to the marksheet of Second Professional Annual Examination.

FORMATIVE ASSESSMENT:

- Individual departments or group pf departments may hold quiz or short answer questions to help students assess their own learning.



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**

- The marks obtained are not included in the internal evaluation.

**More than 75% attendance is needed
to sit for the modular and final
examinations**




**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



**BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Week 1 (08-4-2024 to 12-4-2024) RAMADAN (Week 4)**

DAYS	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:15	1:15-1:30	1:30-2:30
MONDAY 08-04-2024	ANATOMY Introduction Of Reproductive System Dr Shahid	RESEARCH Research Synopsis- I Dr.Maria	PHYSIOLOGY Functional parts of male reproductive system I Dr. Sobia	BIOCHEM Introduction of reproductive hormones Dr.Benish	SDL	Prayer time	ANATOMY LRC SGT Bones Of Pelvis Dr Aneela Dr Hina Dr Ayesha
TUESDAY 09-04-2024	ANATOMY LRC SGT Joints Of Pelvis Dr Aneela Dr Hina Dr Ayesha		BIOCHEM Mode of Action of Reproductive Hormones I Dr.Benish	PAK Studies Miss Uzma	SDL		PHYSIOLOGY Functional parts of male reproductive system I Dr. Saba Abrar
WEDNESDAY 10-04-2024	EID UL-FITR HOLIDAYS						
THURSDAY 11-04-2024							
FRIDAY 12-04-2024							


Dr. Adil Khan
MBBS, MCPS, FCPs
Vice Principal (Academics)
Baqai Medical College



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



**BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Week 2 (15-4-2024 to 19-4-2024)**

DAYS	8:30-9:30	9:30-10:30	10:30-11:00	11:00-12:00	12:00-1:00	1:00-1:30	1:30-3:00	3:00-4:30
MONDAY 15-04-2024	ANATOMY Pelvic wall & Floor Dr Shahid	RESEARCH Research Synopsis-2 Dr.Maria	Tea Break	BIOCHEM Mode of Action of Reproductive Hormones II Dr.Benish	SDL	Lunch & Prayer Time	ANATOMY LRC SGT Bony Pelvis Dr Aneela Dr Hina Dr Ayesha	BIOCHEM Chemistry of Androgens Dr.Benish
TUESDAY 16-04-2024	ANATOMY Gross Anatomy of Scrotum & Testis Dr Shahid	ANATOMY Histology of Scrotum & Testis Dr.Inayat	Tea Break	SDL	PAK Studies Miss Uzma		ANATOMY Gross Anatomy of Ducts of Male Reproductive System Dr Shahid	BIOCHEM Synthesis of Testosterone Dr.Benish
WEDNESDAY 17-04-2024	ANATOMY Histology of Ducts of Male Reproductive System Dr.Inayat	MEDICINE Basics of Reproductive Ssystem Dr.Saima Askari		SURGERY Scrotal Swelling Dr.Tanveer	SDL		PHYSIOLOGY Functions of testosterone Dr Sobia Khan	ANATOMY LRC (SGT) Model of male Reproductive System Dr Aneela Dr Hina Dr Ayesha
THURSDAY 18-04-2024	PRACTICAL A,B & C Group A : Histology- Slide of Testes Dr Hina Group B : Biochemistry-Estimation of Serum Uric Dr. Benish Group C : SDL			SDL	ANATOMY Gross Anatomy of Prostate Gland Dr Shahid		1:30-2:30 PHYSIOLOGY SPERMATOGENESIS Dr . Qamar Aziz	2:30-4:30 PRACTICAL A,B & C Group C : Histology- Slide of Testes Dr Hina Group A : Biochemistry-Estimation of Serum Uric Dr. Benish Group B : SDL
FRIDAY 19-04-2024	ANATOMY Gross Anatomy of Male Urogenital Triangle Dr Shahid	PATHO Benign Prostatic Hyperplasia Dr.Rozeena		PHYSIOLOGY Function of semen Dr Qamar Aziz	SDL		1:30-2:30 SURGERY Urogenital Trauma Dr. Tanveer	2:30-4:30 PRACTICAL A,B & C Group B : Histology- Slide of Testes Dr Hina Group C : Biochemistry-Estimation of Serum Uric Mr Jamal Group A : SDL

Dr. Adil Khan
MBBS, MCPS, FCPS
Vice Principal (Academics)
Baqai Medical College




BAQAI MEDICAL UNIVERSITY BAQAI MEDICAL COLLEGE SECOND YEAR M.B.B.S. REPRODUCTIVE MODULAR GUIDE- 2024



BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Week 3 (22-4-2024 to 26-4-2024)

DAYS	8:30-9:30	9:30-10:30	10:30-11:00	11:00-12:00	12:00-1:00	1:00-1:30	1:30-3:00	3:00-4:30
MONDAY 22-04-2024	PHYSIOLOGY Capacitation of spermatozoa and fertilization of ovum Dr Qamar Aziz	DME Reflections on Study Skills	Tea break	ANATOMY Embryology Of Male Reproductive System-I Dr. Uzma	SDL		SURGERY Undescended Testis Dr. Tanveer	ANATOMY Gross Anatomy of Ovary & Fallopian Tube Dr Mubashara
TUESDAY 23-04-2024	PHYSIOLOGY Female reproductive system Dr.Saba Abrar	ANATOMY Embryology Of Male Reproductive System-II Dr. Uzma	Tea break	SDL	PAK Studies Miss Uzma		PHARMA Overview of pharmacology of male reproductive system Dr. Hina/Dr. Farhan	BIOCHEM Chemistry of Progesterone Dr. Benish
WEDNESDAY 24-04-2024	ANATOMY Histology of Ovary & Fallopian Tube Dr. Inayat	MEDICINE Male Factor Infertility Dr.Saima Askari		ANATOMY Embryology Of Female Reproductive System-I Dr. Uzma	SDL		BEHAVIOURAL SCIENCES Doctor-Patient relationship Dr. Azra Shaheen	BIOCHEM Synthesis of estrogen Dr. Benish
THURSDAY 25-04-2024	PRACTICAL A,B & C Group A : Histology-Slide of Seminal Vesicle& prostate gland Dr Hina Group B: Biochemistry- Graph construction of Serum Uric values Dr. Benish Group C : SDL			ANATOMY Gross Anatomy of Uterus & Vagina Dr Mubashara	SDL		1:30-2:30 FORMATIVE ASSESSMENT	2:30-4:30 PRACTICAL A,B & C Group C : Histology-Slide of Seminal Vesicle& prostate gland Dr Hina Group A: Biochemistry- Graph construction of Serum Uric values Dr..Benish Group B : SDL
FRIDAY 26-04-2024	ANATOMY Histology of Uterus & Vagina Dr. Inayat	SDL		CBL-1			1:30-2:30 BIOETHICS-1 Dr.Mubashara	2:30-4:30 PRACTICAL A,B & C Group B: Histology-Slide of Seminal Vesicle& prostate gland Dr Hina Group C: Biochemistry- Graph construction of Serum Uric values Mr Jamal Group A : SDL


Dr. Adil Khan
 MBBS, MCPS, FCPS
 Vice Principal (Academics)
 Baqai Medical College



BAQAI MEDICAL UNIVERSITY BAQAI MEDICAL COLLEGE SECOND YEAR M.B.B.S. REPRODUCTIVE MODULAR GUIDE- 2024



BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Revised Timings of Week 4 (29-4-2024 to 03-05-2024)

DAYS	8:30-9:30	9:30-10:30	10:30-11:00	11:00-12:00	12:00-1:00	1:00-1:30	1:30-3:00	3:00-4:30	
MONDAY 29-04-2024	PHYSIO Functions of progesteron Dr.Saba Abrar	DME Introduction to Leadership	Tea break	GYN&E & OBS Anatomical cause of primary ammenorrhhea Dr.Sadia	BIOCHEM Synthesis of estrogen Dr. Benish	Tea break	ANATOMY Gross Anatomy of Support of Uterus & Vagina Dr Mubashara	PHYSIO Functions of Estrogen Dr Sobia Khan	
TUESDAY 30-04-2024	ANATOMY Gross Anatomy of Female Urogenital Triangle Dr Mubashara	PHYSIO Ovarian cycle Dr Ali	Tea break	SDL	PAK Studies Miss Uzma		COMMUNITY MEDICINE Reproductive phases of life and women's health Dr. Nauman Raza	ANATOMY LRC (SGT) Model of female Reproductive System Dr Aneela Dr Hina Dr Ayesha	
WEDNESDAY 01-05-2024	LABOUR DAY			LABOUR DAY			LABOUR DAY		
THURSDAY 02-05-2024	PRACTICAL A,B & C Group A : Histology- Slide of Ovary Dr Hina Group B: Biochemistry- Estimation of Serum Cholesterol Dr.Benish Group C : SDL			Tea break	PHYSIO Menstrual cycle Dr Ali		ANATOMY Gross Anatomy of Mammary Gland Dr Mubashara	1:30-2:00 SDL	2:00-4:00 PRACTICAL A,B & C Group C : Histology- Slide of Ovary Dr Hina Group A: Biochemistry- Estimation of Serum Cholesterol Dr.Benish Group B : SDL
FRIDAY 03-05-2024	PHYSIO Maturation and fertilization of Ovum Dr. Saba Abrar	ANATOMY Embryology Of Female Reproductive System-II Dr. Uzma			GYN&E & OBS Menstrual Irregularities Dr.Nazish		PATHOLOGY Polycystic Ovarian Disease Dr.Rozeena	1:30-2:00 SDL	2:00-4:00 PRACTICAL A,B & C Group B : Histology- Slide of Ovary Dr Hina Group C: Biochemistry- Estimation of Serum Cholesterol Mr Jamal Group A : SDL



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



BAQAI MEDICAL UNIVERSITY BAQAI MEDICAL COLLEGE SECOND YEAR M.B.B.S. REPRODUCTIVE MODULAR GUIDE- 2024



BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Revised Timings of Week 5 (06-05-2024 to 10-05-2024)

DAYS	8:30-9:30	9:30-10:30	10:30-11:00	11:00-12:00	12:00-1:00	1:00-1:30	1:30-2:30	2:30-4:00
MONDAY 06-05-2024	PHYSIO Implantation of ovum Dr Sobia Khan	FORENSIC MEDICINE Pregnancy Dr. Jan e Alam	Tea break	GYN&E & OBS Secondary Ammenorhea affecting reproduction Dr.Farhah	BIOETHICS-1 Dr.Mubashara	Launch & Prayer Time	SDL	BIOCHEM Biochemical Role of Placenta Dr. Benish
TUESDAY 07-05-2024	PHYSIO Functions of placenta Dr Ali	RADIOLOGY Imaging of male & female pelvis Dr.Mehwish		SDL	PAK Studies Miss Uzma		BEHAVIOURAL SCIENCES Communication Skills Dr. Azra Shaheen	PHYSIO Double Bohr Effect Dr Qamar Aziz
WEDNESDAY 08-05-2024	PHYSIO Parturition Dr Ali	MEDICINE Female Factor Infertility Dr.Saima Askari		GYN&E & OBS Placental Injury Dr.Nikhat	SDL		COMMUNITY MEDICINE Safe Motherhood Dr. Nauman Raza	PHYSIO Hormones acting on breast Dr Sobia Khan
THURSDAY 09-05-2024	PRACTICAL A,B & C Group A : Histology-slide of fallopian tube Dr Hina Group B: Biochemistry- Graph construction of Serum Cholesterol values Dr. Benish Group C : Physiology Pregnancy Test Dr. Sobia			PHYSIO Milk Ejection Reflex Dr Saba Abrar	COMMUNITY MEDICINE Breast feeding Dr. Nauman Raza		1:30-2:00 SDL	2:00-4:00 PRACTICAL A,B & C Group C : Histology-slide of fallopian tube Dr Hina Group A: Biochemistry- Graph construction of Serum Cholesterol values Dr.Benish Group B : Physiology Pregnancy Test Dr. Sobia
FRIDAY 10-05-2024	PHYSIO Physiological role of contraception Dr Saba Abrar	FORENSIC MEDICINE Abortion Dr. Jan e Alam		BIOETHICS-2 Dr.Mubashara	FORMATIVE ASSESSMENT		1:30-2:00 SDL	2:00-4:00 PRACTICAL A,B & C Group B : Histology-slide of fallopian tube Dr Hina Group C : Biochemistry- Graph construction of Serum Cholesterol values Mr Jamal Group A : Physiology Pregnancy Test Dr. Sobia



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



**BAQAI MEDICAL UNIVERSITY
BAQAI MEDICAL COLLEGE
SECOND YEAR M.B.B.S.
REPRODUCTIVE MODULAR GUIDE- 2024**



**BAQAI MEDICAL COLLEGE
2nd YEAR MBBS
REPRODUCTIVE MODULE 2024
Revised Timings of Week 6 (13-05-2024 to 17-05-2024)**

DAYS	8:30-9:30	9:30-10:30	10:30-11:00	11:00-12:00	12:00-1:00	1:00-1:30	1:30-2:30	2:30-4:00
MONDAY 13-05-2024	BIOCHEM Prenatal Diagnosis of Genetic Disease in fetus Dr. Benish	SDL	Tea break	CBL-2		Lunch & Prayer	PHARMA Overview of pharmacology of female reproductive system Dr. Javeria/ Dr.Izrum	ANATOMY Applied Anatomy of Reproductive System I Dr Mubashara
TUESDAY 14-05-2024	BIOCHEM Biochemical changes in Menopause Dr. Benish	RESEARCH Research Project Components Dr.Maria		SDL	PAK Studies Miss Uzma		SURGERY Breast Diseases Dr.Sidra	PHYSIO Neonatal physiology Dr Ali
WEDNESDAY 15-05-2024	BIOCHEM REVIEW CLASS Dr. Benish	MEDICINE Reproductive Hormones Dr.Saima Askari		ANATOMY REVIEW CLASS Dr. Mubashara			1:30-2:00 SDL	2:00-4:00 PHYSIOLOGY REVIEW CLASS Dr.Sobia
THURSDAY 16-05-2024	PRACTICAL A,B & C Group : Histology- Slide of Uterus Dr Hina Group B : Biochemistry- Interpretation of serum uric acid & Serum Cholesterol Values Dr Benish Group C : SDL			PRACTICAL A,B & C Group : Histology- Slide of Uterus Dr Hina Group A : Biochemistry- Interpretation of serum uric acid & Serum Cholesterol Values Dr Benish Group B : SDL			1:30-2:00 SDL	2:00-4:00 PRACTICAL A,B & C Group : Histology- Slide of Uterus Dr Hina Group C : Biochemistry- Interpretation of serum uric acid & Serum Cholesterol Values Mr. Jamal Group A : SDL
FRIDAY 17-05-2024	REPRODUCTIVE MODULE EXAM 2024							