



INDUS MEDICAL COLLEGE HOSPITAL
TANDO MUHAMMAD KHAN
STUDENTS GUIDE BOOK

FINAL PROFESSIONAL MBBS

9TH & 10TH SEMESTER

Batch 2014-2015

Academic session 2018-2019

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MESSAGE



It is a great pleasure and honor for me to write this message for the 9th and 10th Semester students of Indus Medical College Tando Muhammad Khan. To run an institution of this magnitude is itself a tribute to the founding members, professionals, investors and citizens of Tando Muhammad Khan. The credit goes to the vision of Professor Jan Muhammad Memon CEO of Indus Medical College who is a visionary Medical Educationist. This institution has opened the doors of quality medical education for the bright youngsters of the area to become doctors and serve the community but has become a hub of patient care of the poor, disadvantaged and rural community of the area in a short span of time.

IMC faculty stands committed with the vision statement of the institution:

“To prepare competent graduate doctors in the field of medicine who are able to serve the population locally & globally using evidence based practices with utmost professionalism”

Remember dear students today's medical education is imparted as an active learning process where teacher is guide by side who ignites a flame of light in the learners to not only seek the knowledge, learn the skills but become a life long learner demonstrating a humane and professional behavior to the teachers, colleagues and ailing community.

I wish the upcoming doctors a warm welcome and assure them the endeavors of faculty to impart them quality medical education to become a seven star doctor to serve the community.

Prof M Akbar Nizamani

Professor Pediatrics

Principal Indus Medical College

Tando Muhammad Khan

ACADEMIC CALENDER
BATCH: 2014-15
FINAL PROFESSIONAL MBBS
NINTH SEMESTER

Classes will start from	05 TH November 2018
Classes will End on	23 rd February 2019
Preparation leaves	24 st to 17 th March 2019
Theory + OSPE Examination	18 th March to 06 th April 2019

TENTH SEMESTER

Classes will start from	22 nd April 2019
Summer Vacation + Eid-ul-Fiter	06 th May to 16 th June 2019
Classes will restart from	17 th June 2019
Classes will End on	21 st September 2019
Preparation leaves	22 nd Sept to 13 October 2019
Theory + OSPE Examination	14 st October to 02 nd Nov 2019

THE BATCH WILL PASS OUT AND WILL GET DEGREE OF MBBS
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WEEKLY TIME TABLE
FINAL PROFESSIONAL MBBS BATCH 2014-2015
MEDICINE & ALLIED 9TH SEMESTER (GROUP-A)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 am to 10:00 am	CARDIOLOGY Prof. Feroz Memon/ Dr. M. Zaman Baloch 5 th Nov to 24 th Dec 2018	CHEST MEDICINE Prof. Naveed Inayat 6 th Nov to 1 st Jan 2019	MEDICINE / NEUROLOGY Dr. Madiha Zaki 7 th Nov to 26 Dec 2018	MEDICINE Dr. Sadia 8 th Nov to 3 rd Jan 2019	MEDICINE/ NEUROLOGY Dr. Faraz Channa 9 th Nov to 4 th Jan 2019
	NUCLEAR MEDICINE Dr. Khadim Hussain 31 st Dec to 18 Feb 2019	DERMATOLOGY Dr. Sania Qamar 8 th Jan to 19 th Feb 2019	MEDICINE Dr. Faraz Channa 2 nd Jan to 20 Feb 2019	NEPHROLOGY Dr. Sadia 10 th Jan to 21 st Feb 2019	MEDICINE Dr. Dolat Singh 11 th Jan to 22 nd Feb 2019
10:00 am to 10:45 am	PAEDIATRICS Dr. Faraz Ahmed	PSYCHIATRY Prof. Jamil Hussain	MEDICINE Prof. Naveed Inayat	PEADIATRICS Dr. Muqaddas Ali	MEDICINE Dr. Ramesh Kumar
10:45 am to 11:30 am	MEDICINE Dr. Zaheer Hussain	PAEDIATRICS Prof. M. Akbar Nizamani	PAEDIATRICS Prof. M. Akbar Nizamani	MEDICINE Dr. Ghulam Hussain	MEDICINE Prof. Rafi Ahmed Ghouri
11:30 to 3:00 pm	Hospital Posting /Skill Lab Prof. Ghulam Hussain/ Dr. Dolat Singh	Hospital Posting /Skill Lab Dr. M. Zaman Baloch	Hospital Posting /Skill Lab Prof. Rafi Ahmed Ghouri/ Dr. Khadim Hussain	Hospital Posting /Skill Lab Prof. Naveed Inayat/ Dr. Sadia	Hospital Posting /Skill Lab Dr. Ramesh/ Dr. Faraz

CPC = Every 4th Wednesday

Venue: First Floor Lecturer Hall No: 01 - IMCH

WEEKLY TIME TABLE
FINAL PROFESSIONAL MBBS BATCH 2014-2015
SURGERY & ALLIED 9TH SEMESTER (GROUP-B)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 am to 10:00	PAEDIATRIC SURGERY Dr. Roshan Siyal 5 th Nov to 31 st Dec 2018	RADIOLOGY Prof. Nizamuddin Memon / Dr. Abid 6 th Nov to 1 st Jan 2019	ORTHOPEDIC SURGERY Prof. Abdul Rehman Shaikh	OBGYN Prof. Firdous Mumtaz 8 th Nov to 3 rd Jan 2019	NEUROSURGERY Dr. Hameedullah 9 th Nov to 4 th Jan 2019
	PLASTIC SURGERY 7 th Jan to 21 st Feb 2019	SURGERY Dr. M. Hanif Memon 8 th Jan to 22 nd Feb 2019		UROLOGY Dr. Rasheed Zai 10 th Jan to 24 Feb 2019	OBGYN Alternate Professors 11 th Jan to 25 Feb 2019
10:00 am to 10:45 am	SURGERY Prof. Altaf Talpur	OBGYN Prof. Khairunissa	OBGYN Prof. Roshan Ara	OBGYN Prof. Firdous Mumtaz	OBGYN Alternate Professors
10:45 am to 11:30 am	OBGYN Prof. Roshan Ara	SURGERY Prof. Jawaid Naeem Qureshi	SURGERY Prof. Jan Mohammed A. Memon	SURGERY Dr. M. Hanif Memon	SURGERY Dr. Rasheed Zai
11:30 am to 3:00 pm	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab

Venue: First Floor Lecturer Hall No: 02 - IMCH

WEEKLY TIME TABLE

FINAL PROFESSIONAL MBBS BATCH 2014-2015

MEDICINE & ALLIED 10TH SEMESTER (GROUP-A)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 am to 9:45 am	CARDIOLOGY Prof. Feroz Memon/ Dr. M. Zaman Baloch 15 th April to 22 nd July 2019	CHEST MEDICINE Prof. Naveed Inayat 16 th April to 16 th July 2019	MEDICINE / GIT/ LIVER Dr. Madiha Zaki 17 th April to 17 th July 2019	MEDICINE NEPHROLOGY ELECTROLYTE & ACID BASE BALANCE Dr. Sadia 18 th April to 18 th July 2019	MEDICINE/ RHEUMATOLOGY Dr. Abrar 19 th April to 19 th July 2019
	MEDICINE ONCOLOGY / THERAPEUTICS Dr. Khadim Hussain 5 th Aug to 16 th Sept 2019	DERMATO- -LOGY Dr. Sania Qamar 23 rd July to 17 th Sept 2019	MEDICINE INFECTIOUS DISEASES Dr. Ramesh Kumar 24 th July to 18 th Sept 2019	MEDICINE NEPHROLOGY Dr. Sadia 25 th July to 19 th Sept 2019	MEDICINE POISONING / CRITICAL CARE MEDICINE Dr. Dolat Singh 26 th July to 20 th Sept 2019
9:45 am to 10:30 am	PAEDIATRICS Dr. Faraz Ahmed	PSYCHIATRY Prof. Jamil Hussain	MEDICINE LIVER/PANCREAS EAS Prof. Muhammad Hanif Ghani	PEADIATRICS Dr. Muqaddas Ali	MEDICINE NEUROLOGY Dr. Faraz Channa
10:30 am to 11:15 am	MEDICINE GIT Dr. Zaheer Hussain	PAEDIATRICS Prof. M. Akbar Nizamani	PAEDIATRICS Dr. Sikandar Bhand	MEDICINE ENDOCRINE & DIABETES Dr. Ghulam Hussain	MEDICINE BLOOD / HEMATOLOGY Prof. Rafi A. Ghouri
11:15 to 3:00 pm	Hospital Posting /Skill Lab Prof. Ghulam Hussain/ Dr. Dolat Singh History Taking	Hospital Posting /Skill Lab Dr. M. Zaman Baloch Examination of CVS	Hospital Posting /Skill Lab Prof. Rafi Ahmed Ghouri/ Dr. Khadim Hussain/ Dr. Abrar G.P. Exam : Musculoskeletal Exam (Alternate Wed)	Hospital Posting /Skill Lab Prof. Naveed Inayat/ Dr. Sadia Examination of Respiratory System	Hospital Posting /Skill Lab Prof. Hanif Ghani Dr. Ramesh/ Dr. Faraz Exam : GIT / Exam of CNS (Alternate Friday)

CPC = Every 4th Wednesday

VENUE: LECTURE HALL 01 (1ST Floor - IMCH)

WEEKLY TIME TABLE

FINAL PROFESSIONAL MBBS BATCH 2014-2015

SURGERY & ALLIED 10TH SEMESTER (GROUP-B)

TIM E	MONDA Y	TUESDA Y	WEDNESDA Y	THURSDA Y	FRIDAY
9:00 am to 9:45 am	SURGERY Prof. Dr. Altaf Talpur	RADIOLOG Y Prof. Nizamuddin Memon / Dr. Abid 16 th April to 16 th July 2019	ORTHOPEDIC SURGERY Prof. Abdul Rehman Shaikh	OBGYN Prof. Firdous Mumtaz 18 th April to 18 th July 2019	NEUROSURGER Y Dr. Hameedullah 19 th April to 19 th July 2019
		SURGERY Dr. M. Hanif Memon 23 rd July to 17 th Sept 2019		PEDIATRIC SURGERY 25 th July to 19 th Sept 2019	OBGYN Prof. Firdous Mumtaz / Prof. Khairunissa / Prof. Roshan Ara 26 th July to 20 th Sept 2019
9:45 am to 10:30 am	PLASTIC SURGERY 15 th April to 8 th July 2019	OBGYN Prof. Khairunissa	OBGYN Dr. Fakharunissa	OBGYN Prof. Firdous Mumtaz	OBGYN Prof. Firdous Mumtaz / Prof. Khairunissa / Prof. Roshan Ara
	SURGERY Prof. Jawaid Naeem Qureshi / Prof. Altaf Talpur 15 th July to 16 th Sept 2019				
10:30 am to 11:15 am	OBGYN Prof. Roshan Ara	SURGERY Prof. Jawaid Naeem Qureshi	SURGERY Dr. M. Hanif Memon	SURGERY Prof. Jan Mohammed A. Memon	SURGERY Dr. Rasheed Zai
11:15 am to 3:00 pm	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab	Hospital Posting / Skill Lab

VENUE: LECTURE HALL 02 (1ST Floor - IMCH)

SCHEDULE OF HOSPITAL POSTING
9TH SEMESTER FINAL YEAR BATCH 2014-15

DATE	MEDICINE	PAEDIATRICS
Group –A (Roll No. 01-47)		
05-11-2018 to 28-12-2018	A-1 Roll No. 01-24	A-2 Roll No.27-47
31-12-2018 to 22-02-2019	A-2	A1
Group-B (Roll No.49-100)		
DATE	SURGERY	OBGY
05-11-2018 to 28-12-2018	B-1 Roll No. 49-72	B-2 Roll No. 73-100
31-12-2018 to 22-02-2019	B-2	B-1

SCHEDULE OF HOSPITAL POSTING
10TH SEMESTER FINAL YEAR BATCH 2014-15

DATE	MEDICINE	PAEDIATRICS
Group –A (Roll No. 49-100)		
15April to 23 June 2019	A-1	A-2
24 June to 21 July 2019	A-2	A-1
22 July to 18 August 2019	A-1	A-2
19 August to 15 September 2019	A-2	A-1
Group-B (Roll No. Roll No. 01-47)		
DATE	SURGERY	OBGY
15April to 23 June 2019	B-1	B-2
24 June to 21 July 2019	B-2	B-1
22 July to 18 August 2019	B-1	B-2
19 August to 20 September 2019	B-2	B-1

TEACHING HOURS

SURGERY		
LECTURES	4X1 hour/week=4hrsX16weeks	64 Hours
HOSPITAL POSTINGS	20 days X 4 hours daily X 2 Postings	160Hours
TOTAL	224Hours	
GYNAECOLOGY & OBSTETRICS		
LECTURES	4X1 hour/week=4hrsX16weeks	64Hours
LECTURES	2X1 hour/week=2hrsX8weeks	16Hours
HOSPITAL POSTINGS	20 days X 4 hours daily X 2 Postings	160Hours
TOTAL	240Hours	
SURGERY ALLIED LECTURES		
ORTHOPEDICS	1X1 hour/week=X16weeks	16Hours
UROLOGY	1X1 hour/week=X8weeks	08Hours
PLASTIC SURGERY	1X1 hour/week=X8weeks	08Hours
NEURO SURGERY	1X1 hour/week=X8weeks	08Hours
PAEDS SURGERY	1X1 hour/week=X8weeks	08Hours
CARDIOTHORACIC SUR	1X1 hour/week=X4weeks	04Hours
RADIOLOGY	1X1 hour/week=X4weeks	04Hours
TOTAL	64Hours	
CPC	1X2 hour/week=X8weeks	16Hours
SKILL LAB	1X2 hour/week=X8weeks	16Hours
GRAND TOTAL	560Hours	
MEDICINE		
LECTURES	6X1 hour/week=6hrsX16weeks	96Hours
HOSPITAL POSTINGS	20 days X 4 hours daily X 2 Postings	160Hours
TOTAL	256Hours	
PAEDIATRICS		
LECTURES	4X1 hour/week=4hrsX16weeks	64Hours
HOSPITAL POSTINGS	20 days X 4 hours daily X 2 Postings	160Hours
TOTAL	224Hours	
MEDICINE ALLIED LECTURES		
CARDIOLOGY	1X1 hour/week=X8weeks	08Hours
DERMATOLOGY	1X1 hour/week=X8weeks	08Hours
NEURO MEDICINE	1X1 hour/week=X8weeks	08Hours
NUCLEAR MEDICINE	1X1 hour/week=X8weeks	08Hours
NEPHROLOGY	1X1 hour/week=X8weeks	08Hours
CHEST MEDICINE	1X1 hour/week=X8weeks	08Hours
TOTAL	48Hours	
CPC	1X2 hour/week=X8weeks	16Hours
SKILL LAB	1X2 hour/week=X8weeks	16Hours
GRAND TOTAL	560Hours	

DEPARTMENT OF SURGERY

S #	TEACHING FACULTY
DEPARTMENT OF GENERAL SURGERY	
HEAD OF DEPARTMENT	
01	Professor Jan Mohammed A. Memon
PROFESSORS	
02	Professor: Jawaid Naeem Qureshi
03	Professor: K. Altaf Talpur
ASSOCIATE PROFESSORS	
04	Dr.Muhammad Hanif Memon
	ASSISTANT PROFESSORS
05	----
SENIOR REGISTRAR	
08	Dr.Shaheen Gul Bhatti

SURGERY CURRICULUM

Topics
Surgery Unit-I
Oesophagus • Anatomy & Investigations • D/D Dysphagia & Achlasia Cardia • Upper GIT Bleeding Ca-Oesophagus
Stomach & Duodenum • Acid Peptic Disease • Ca-Stomach
Liver • Liver Trauma • Liver abscess, hydatid cyst • Ca-Liver
Gall Bladder • Cholelithiasis & Cholesystitis • Obstructive Janundice • Ca-Gall Bladder

Surgery Unit-II
• Intestinal obstruction • Appendicitis • Colonic Cancer • Rectal Cancer • Anorectal Infections and fistula in Ano • BleedingPR and Haemorrhoids • Rectal Prolapse and Ca Anal Canal • Intestinal Stomas
• Inflammatory bowel disease • Tumor Small Intestine • Tuberculosis of small intestine • Diverticular disease

Surgery Unit -III

Thyroid

- Investigations & Benign Goiter
- Toxic Goiter
- Ca thyroid

Parathyroid

- Hyper & hypoparathyroidism

Adrenal Gland

- Disorders of Adrenal Cortex
- Disorders of Adrenal Medulla

Breast

- Anatomy & Investigations
- Benign Breast disease
- Ca Breast

Salivary Glands

- Benign Diseases of salivary glands
- Malignant Lesions of Salivary Glands

Neck Swellings

- Differential diagnosis of neck swellings (Excluding thyroid)

Surgery Unit-IV

Peritoneum

- Peritonitis

Chest

- Chest Trauma

Pancreas

- Acute pancreatitis
- Ca Pancreas

Spleen

- Splenic disorders
- Indications of Splenectomy

Abdominal Wall

- Ventral hernia
- Groin Hernia's (Inguinal Hernia)
- Femoral Hernia

Arterial Disorders

- Acute limb Ischemia
- Chronic limb Ischemia

Venous Disorders

- Deep venous thrombosis (DVT)
- Varicose veins

Lymphatic's

- Disorders of Lymphatic's

SUBJECT: SURGERY (LECTURES / WEEK)

SECTION-I	
TEACHER: Professor Jan Mohammed A. Memon	
OESOPHAGUS • Anatomy & Investigations • Upper GIT Bleeding • D/D of Dysphagia & Achlasia Cardia • Carcinoma Oesophagus STOMACH • Acid Peptic Disease • Carcinoma Stomach	LIVER • Liver Trauma • Liver abscess, Hydatid cyst • Carcinoma Liver GALL BLADDER • Cholelithiasis & Cholecystitis • Obstructive Jaundice • Carcinoma Gall Bladder
SECTION-II	
TEACHER: Professor Altaf Talpur	
• Intestinal obstruction • Tuberculosis of small intestine • Tumor of Small intestine • Appendicitis • Inflammatory bowel disease • Diverticular disease • Colonic Cancer • Intestinal Stomas • Bleeding PR and Hemorrhoids	• Anorectal Disorders (Fissure & Fistula in Ano) • Rectal Cancer • Rectal Prolapse and Carcinoma Anal Canal • Introduction to LAP, Instruments • Basic Principles of Laparoscopy • Basic & Advance Laparoscopic Procedures. • Videos of Common Laparoscopic Procedures

SUBJECT: SURGERY (LECTURES / WEEK)

SECTION-III	
Teacher: Professor Jawaid Naeem Qureshi	
THYROID • Investigations & Simple Nontoxic Goiter • Toxic Goiter (Thyrotoxicosis, Grave's Disease) • Carcinoma Thyroid PARATHYROID • Hyper & Hypo parathyroidism ADRENAL GLAND • Disorders of Adrenal Cortex • Disorders of Adrenal Medulla • Ca of Adrenal Gland	BREAST • Anatomy & investigations • Benign Breast diseases • Carcinoma Breast SALIVARY GLANDS ▪ Benign Diseases of Salivary Gland & Salivary Gland Stones ▪ Malignant Lesions of Salivary Glands ▪ Differential diagnosis of neck swellings (Excluding thyroid)

SECTION-IV & V

TEACHER: Dr.Muhammad Hanif Memon

CHEST

- Chest Trauma

ABDOMEN

- Abdominal Trauma (Blunt & Penetrating)

PERITONEUM

- Peritonitis

PANCREAS

- Acute Pancreatitis
- Chronic Pancreatitis
- Carcinoma Pancreas

SPLEEN

- Splenic Disorders & Indications of Splenectomy

ABDOMINAL WALL

- Ventral hernia
- Groin Hernias (Inguinal Hernia)
- Femoral Hernia

ARTERIAL DISORDERS

- Acute limb Ischemia
- Chronic limb Ischemia
- Aneurysm of Abdomen Aorta

VENOUS DISORDERS

- Deep venous thrombosis (DVT)
- Varicose veins

LYMPHATIC DISORDERS

DEPARTMENT OF GYNAECOLOGY & OBSTETRICS

S#	TEACHING FACULTY		
1	HEAD OF DEPARTMENT: PROF. DR. FIRDOUS KAZI		
PROFESSORS		REGISTRAR	
2	Prof. Dr. Khairunnisa Memon	8	Dr. Maria Akbar
3	Prof: Roshan Ara Qazi	9	Dr. Anila Anjum
ASSISTANT PROFESSOR		10	Dr. Shazia Sattar
4	Dr. Fakarunisa Waheed	11	Dr. SajidaPerveen
5	Dr. Fareen Memon	12	Dr. Fatima Memon
6	Dr. Sanober Baloch	13	Dr. Seema Zaidi
SENIOR REGISTRAR		14	Dr. Sanam Abrar
7	Dr. Sajida Munir	15	Dr. Ghulam Sughra Soomro

DIVISION OF SUBJECTS

Lectures of Unit I – Professor: Roshan Ara Qazi

Lectures of Unit II – Professor: Firdous Mumtaz

Lectures of Unit III – Professor : Khairunisa Nizam

Lectures of Unit IV – Dr. Fakharnisa Waheed

GYNAE UNIT-I

NAME OF TEACHER:PROF:Roshan Ara Qazi

Physiology of Pregnancy

- Diagnosis of pregnancy
- Conception, implantation, development of placenta, fetal circulation and abnormalities of placenta.
- Physiological changes associated with pregnancy

Miscellaneous Medical Disorders in Pregnancy

- Epilepsy
- Migraine
- Thyroid diseases
- Respiratory disorders
- Auto immune disease

Abnormal Labour

- Awareness of complications and management
- Instrumental vaginal delivery
 - Forceps delivery
 - Ventouse delivery
- Episiotomy
- Perineal trauma
- Caserean section
- Prolonged labour
 - Causes
 - Management
- Obstructed labour / ruptured uterus
 - Causes

- Management

- Complications of 3rd stage of labour
- PPH (Primary & Secondary)
 - Causes
 - Management
- Uterine inversion
- Obstetrics shock and unconscious patients

New born Care

- Essential newborn care
- Observe the immediate assessment, apgar score resuscitation of new born care.
- Breast feeding and its importance
- Neonatal problems

GYNAE UNIT-II

NAME OF TEACHER: PROF:Firdous Mumtaz

Anatomy of Fetal Skull and Maternal Bony Pelvis

- Anatomy of fetal skull and Maternal Bony Pelvis
- Abnormalities of bony pelvis

Perinatal Infections

- Syphilis
- Toxoplasmosis
- Cytomegalovirus
- Rubella
- Varicella zoster
- Malaria
- Urinary Tract infection
- Bacterial infections
- Herpes simplex viral infections
- Chlamydia
- Gonorrhea
- Trichomoniasis
- Genital warts
- HIV, Aids
- Hepatitis

Puerperium

- Normal puerperium –physiological changes
- Abnormal puerperium
 - Puerperal disorders & puerperal pyrexia
- The breasts and breast disorders
- Contraception
- Maternal and perinatal mortality

Ethics in Obstetrics practice

Ethics and legal issues in Obstetrics

GYNAE UNIT-III

NAME OF TEACHER:PROF: Khairunisa Nizam

Normal Pregnancy

- Pre-pregnancy care and antenatal care
- Imaging in Obstetrics
- Prenatal diagnosis
- Essential Drugs and immunization with dosage and estimated need for pregnancy, Child Birth and newborn.

Abnormal Pregnancy

- Bleeding in early Pregnancy (brief account of)
 - Abortion
 - Ectopic Pregnancy
 - Gestational trophoblastic disease
- Bleeding in 2nd half of pregnancy
 - Ante partum hemorrhage
 - Placenta previa
 - Abruptio placentae
 - Vasa previa
- Polyhydroamnios
- Intra uterine fetal death
- Mal-presentation and position
 - Breech presentation
 - Transvers lie and shoulder presentation
 - Face presentation
 - Brow presentation
- Cord prolapse

Normal Labour

- Normal labour
 - Physiology
 - Mechanism
 - Diagnosis
 - Management of Labour
- Structure and use of partograph
- Intra partum fetal monitoring
 - Fetal heart rate monitoring
 - Fetal scalp monitoring
- Methods of induction and augmentation of labour
 - Indication
 - Contraindications
 - Complications

- Analgesia and anesthesia
- Management of 3rd stage of labour

GYNAE UNIT-IV

NAME OF TEACHER: Dr. Fakharunisa Waheed

Basic Clinical Skills

- Logical sequence of eliciting history from an Obstetric patient.
- Clinical Examination by Videos
- Interpretation of Investigations
- Effective verbal and Non-verbal communication

High Risk Pregnancy

- Identify a high risk pregnancy
- IUGR and fetal Monitoring
- Prolonged pregnancy
- Multiple pregnancy
- Hyperemesis gravidarum
- Diabetes in pregnancy
- Hypertensive disorders of pregnancy
 - PIH
 - Pre-eclampsia
 - Eclampsia
 - Essential HTN
- Chronic renal diseases
- Cardiac diseases in pregnancy
- Liver diseases in pregnancy
- Hematological disorders of pregnancy
 - Anemia in pregnancy
 - ISO immunization
 - Thrombocytopenia and thrombophilias

Coagulation and fibrinolytic disorders

SUBJECT: OBSTETRICS (SIX LECTURES/WEEK)

GYNAE UNIT-I

NAME OF TEACHER: Prof: Roshan Ara Qazi

Sexual and Reproductive Health –Contraception and sterilization

Sub fertility and Early Pregnancy Loss

- Subfertility
- Early pregnancy loss
 - Abortion
 - Ectopic pregnancy
 - Gestational trophoblastic disease

Endometriosis and Adenomyosis

GYNAE UNIT-II

NAME OF TEACHER: Prof: Firdous Mumtaz

Basic Clinical Skills

- Introduction, Gynaecological history taken
- Clinical Examination by Videos
- Anatomy of Female Genital tract
- Puberty and adolescence
- Ovulation and its legal importance
- Physiology of menstrual cycle
- Menstrual disorders
- Abnormal menstruation
- Amenorrhea
 - Primary amenorrhea
 - Secondary amenorrhea
- Polycystic ovarian disease
- Hirsutism / virilism

Gynecological Oncology

- Conditions affecting vulva and vagina
 - Benign Conditions of vulva
 - VIN and invasive vulval carcinoma
 - Benign conditions of vagina
 - VIAN and vaginal carcinoma
- Condition affecting cervix, uterus, ovarian and fallopian tubes
 - Benign conditions of cervix
 - CIN and invasive carcinoma of cervix
 - Benign conditions of uterus
 - Malignant disease of uterus

- Benign tumor of ovaries
- Cancer of ovaries
- Cancer of fallopian tubes

Chemotherapy for Gynecological Cancers and GTDs and Radiotherapy

GYNAE UNIT-III

NAME OF TEACHER:Prof:Khairunisa Nizam

Sexual and Reproductive Health

- Introducing the sexual history taken
- Infections of female genital tract
- Management of lower abdominal pain
- Acute pelvic inflammatory disease (PID)
- Chronic PID
- Sexually transmitted infections (STIs) including HIV/AIDS
 - Screening
 - Management
 - Prevention of STIs
- Latrogenic infections of female reproductive tract
- Reproductive tract in male
- Awareness of psycho sexual problems
- Vaginal discharges
- Menopause

Medico Legal Aspects Of Gyneacology

Litigation and consents

GYNAE UNIT-IV

NAME OF TEACHER: Dr.Fakharunisa Waheed

Urogynecology and Pelvic Floor Problems

- Utero vaginal prolapse
- Urinary incontinence
 - Stress incontinence
 - Urge incontinence
- Urinary frequency
- Urinary tract infections
- Urinary fistulae

Common Gynecological Operations

- Common Gynecological Procedures
 - Hysteroscopy
 - Laparoscopy
 - Cystoscopy
 - Dilatation and curettage
 - Abdominal and vagina hysterectomy
 - Myomectomy
- Pre-operative Preparation

Post- operative complications and its management

DEPARTMENT OF ORTHOPEDICS & TRUAMALOGY

S #	TEACHING FACULTY
	Professor
01	Prof: Abdul Rehman Shaikh
	Assistant Professor:
02	Dr. Dildar Ahmed Khan
	Senior Registrar
03	

ORTHOPEDICS & TRAUMALOGY	
TEACHER: Prof: Abdul Rehman Shaikh	
• Hereditary multiple exostosis, Osteogenesis Imperfecta • Giant cell tumor & Haemangioma (Musculoskeletal) • Osteosarcoma, Chondrosarcoma • Ewing's sarcoma / metastatic bone diseases • Dislocation of hip and elbow • Cerebral palsy orthopedic Aspects • Post-polio deformation of lower limbs	• Peripheral nerve injury / Ulnar, Sciatic • Traumatic Paraplegia • Vascular injury / popliteal artery, brachial artery • Management of patients open long bone fractures • Osteomyelitis, T.B spine • Congenital anomalies / DDH • Congenital anomalies / CTEV • Hand Deformities & treatment / congenital Hand Anomalies

DEPARTMENT OF NEUROSURGERY

S #	TEACHING FACULTY
	Assistant Professor:
01	Dr.Hameedullah

NEUROSURGERY	
TEACHER: Dr.Hameedullah	
• Anatomy, Physiology & investigation of Brain and spine • Head Injuries • Spinal Injuries • Congenital & Developmental anomalies of Brain & Spine • Brain Tumors • Spinal Tumors	• Headache • Low Back Pain, Sciatica • Hydrocephalus • Surgical indications of CVA • Brain infections Brain abscess

DEPARTMENT OF CARDIOTHORACIC SURGERY

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DEPARTMENT OF UROLOGY

S #	TEACHING FACULTY
	Assistant Professor:
01	Dr.Abdul Rasheed Zai

UROLOGY	
TEACHER: Dr.Abdul Rasheed Zai	
1. Urinary tract infection (UTI) 2. Urinary Tract Trauma 3. Urolithiasis 4. Renal Cell Carcinoma 5. Vesical calculus	6. Bladder Tumors 7. Benign prostatic hyperplasia (BPH) 8. Carcinoma Prostate 9. Urethral Stricture 10. Hydrocele & Varicocele 11. Testicular Tumors

DEPARTMENT OF PLASTIC & RECONSTRUCTIVE SURGERY

S#	TEACHING FACULTY
01	TEACHER:
TOPICS	• Introduction to Plastic Surgery • Cleft Lip / Cleft Palate • Wound Management • Benign tumors of Skin • Malignant tumors of Skin • Burns and its Management • Skin grafts and flaps • Carcinoma cheek & Carcinoma lip • Carcinoma Tongue

DEPARTMENT OF PAEDIATRIC SURGERY

S#	TEACHING FACULTY	
01	TEACHER:	
TOPICS	• Esophageal Atresia & Trachea-Esophageal Fistula • Congenital anomalies of Lungs & Chest • Neonatal Intestinal Obstructions • Pyloric Stenosis • Paediatric Trauma (ATLS) • Gastro Esophageal Reflux • Intussusceptions	• Hirschsprung's Disease • Anorectal malformations • Umbilical Anomalies • Kidney tumors in neonates and infants • Undescended testies • Urethral anomilies • Choledochal cyst & biliary atresia

DEPARTMENT OF RADIOLOGY

S#	TEACHING FACULTY	
01	PROFESSOR: DR NIZAMUDIN	
02	ASSISTANT PROFESSOR:	
03	SENIOR REGISTRAR:	
TOPICS	• Chest x-ray and different views and how to read the normal chest x-ray • Common lung pathologies with x-ray reading • Indications of acute abdomen and different modalities of investigation • How to read IVP and Barium studies • Cross sectional anatomy of body	

MINIMAL INVASIVE SURGICAL CENTRE

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DEPARTMENT OF MEDICINE

S #	TEACHING FACULTY
PROFESSOR & HEAD OF DEPARTMENT	
01	Prof: Dr. Rafi Ahmed Ghorl
	PROFESSORS:
02	Prof: Dr. Muhammad Hanif Ghani
03	Prof: Dr. Ghulam Hussain Baloch
ASSISTANT PROFESSORS:	
04	Dr. Zaheer Hussain Memon
05	Dr. Dolat Singh
06	Dr. Ramesh Kumar
07	Dr. Abrar Waghan Rheumatology
08	Dr.Faraz Channa (Neurology)
SENIOR REGISTRAR	
09	Dr. Sania Qamar
10	Dr. Sadia Nizamani
11	Dr. Khadim Hussain
12	Dr. Madiha Zaki

SUBJECT: MEDICINE (SIX LECTURES/WEEK)

MEDICAL UNIT-I

CHAPTER: HAEMOTOLOGICAL DISEASE

TEACHER: PROF RAFI AHMED GHOURI

INTRODUCTION TO BLOOD AND GENERAL ASPECTS

Anaemia

Microcytic Anaemia
Normocytic Anaemia
Macrocytic Anaemia

Haemolytic Anaemia

An introduction
Hereditary
Acquired

APLASTIC ANAEMIA

HAEMOGLOBINOPATHIES

THALASSAEMIAS

MYELOPROLIFERATIVE DISORDERS

Polycythemia

BLOOD TRANSFUSION

Blood, blood components and blood products Complications of blood transfusion.

BLEEDING DISEASE

ITP

COAGULATION DISEASE

Hemophilia
DIC

CHAPTER: MEDICAL ONCOLOGY INCLUDING HAEMATOLOGICAL MALIGNANCY

LEUKAEMIAS

Acute leukemia's
Chronic leukemia's

LYMPHOMAS

- Hodgkin's disease (HD)

Non-Hodgkin's lymphomas (NHL)

CHAPTER: POISONING

TEACHER: DR DOULT SINGH SODHO

- Paracetamol
- Kerosene oil
- Organophosphorus Poisoning

Snake bite

CHAPTER: GERIATRIC MEDICINE

- Health Problems of the elderly
- General Principles of treating the elderly

MEDICAL UNIT-II

CHAPTER: ENDOCRINE AND METABOLIC DISEASE

TEACHER: PROF GHULAM HUSSAIN BALOCH

- Acromegaly
- Hyperthyroidism
- Hypothyroidism
- Diseases of Adrenal Glands
 - a. Cushing's Disease and Syndrome
 - b. Addison's disease
 - c. Pheochromocytoma
- Hypopituitarism
- Diabetes Mellitus (Four Lectures)
- Metabolic Diseases
 - a. Obesity
 - b. Dyslipidemias

CHAPTER: RHEUMATOLOGY AND BONE DISEASES/ MUSCULO-SKELETAL DISORDERS

TEACHER: DR ABRAR AHMED WAGHAN

CHAPTER: CHAPTER: GENETIC DISORDERS

TEACHER: DR KHADIM HUSSAIN

- Introduction and Modern Techniques of Medical genetics
- Inherited Medical Diseases
- Down's syndrome
- Kline Felter's syndrome
- Marfan's syndrome
- Turner's syndrome

MEDICAL UNIT-III

CHAPTER: GASTROINTESTINAL TRACT

TEACHER: DR ZAHEER HUSSAIN MEMON

- Dysphagia
- G I Hemorrhage (Upper and Lower)
- Gastro – Oesophageal reflux Disease
- Dyspepsia and peptic Ulcer
- Mal-absorption Syndrome / coeliac Disease
- Inflammatory Bowel Disease
 - a. Ulcerative
 - b. Crohn's Disease
- Irritable bowel Syndrome
- Ascites –Abdominal Tuberculosis / Diverticulosis/ Diverticulitis

CHAPTER: INFECTIOUS DISEASE, TROPICAL MEDICINE AND SEXUALLY TRANSMITTED DISEASE

TEACHER: DR RAMESH KUMAR

ANTIMICROBIAL CHEMOTHERAPY

IMMUNIZATION AGAINST INFECTIOUS DISEASE

INFECTIONS

- Gastroenteritis
- Typhoid fever
- Malaria
- HW & AIDS
- Rabies
- Dengue
- Sexually transmitted infections
- Chicken Pox
- Measles
- Mumps

CHAPTER: CRITICAL CARE MEDICINE

TEACHER: DR RAMESH KUMAR

- Acute pulmonary Edema and ARDS
- Shock
- Acute Respiratory failure

CHAPTER: HEPATOPANCREATOBILIARY DISEASE

TEACHER: PROF HANIF GHANI / DR MADIHA ZAKI

- Acute Hepatitis
- Fulminant Hepatic Failure
- Chronic Hepatitis
- Autoimmune Hepatitis
- Alcoholic Liver Disease
- NASH & NAFLD
- Cirrhosis: Overview and investigation
- Complications of Cirrhosis
- Hepatic encephalopathy
- Variceal hemorrhage
- Hemochromatosis & Wilson's Disease

NEUROLOGY UNIT

CHAPTER: NEUROLOGICAL SYSTEM

TEACHER: DR FARAZ AHMED CHANNA

- Introduction & Overview
- Investigation of neurological Disease
- Epilepsy
- Cerebrovascular Accident
 - a. Ischemic
 - b. Hemorrhage
- Headache/ Migraine
- Coma/ Brain Death
- Dementia and Alzheimer's Disease
- Extrapyrarnidal disease and Parkinsonism
- Motor neuron disease
- Demyelinating Disorders
 - a. Multiple Sclerosis
 - b. Transverse Myelitis
- Infections
 - a. Meningitis
 - b. Encephalitis
 - c. Brain Abscess
- Spinal cord disease
 - a. Paraplegia
 - b. SADC (sub-Acute Combined degeneration)
- Neuropathies
 - a. Overview
 - b. GB Syndrome
- Myasthenia gravis
- Myopathies and skeletal muscle disease
- Brain Tumors

DEPARTMENT OF PEADIATRICS

TEACHING FACULTY		
S. No	Name	Designation
1.	Prof. Muhammad Akbar Nizamani	Professor
2.	Dr. Sikandar Bhand	Associate Professor
3.	Dr. Faraz Ahmed	Assistant Professor
4.	Dr. Muqaddas Ali	Senior Registrar
5.	Dr. Mariam Mehwish	Registrar

SUBJECT: PAEDIATRICS (FOUR LECTURE WEEKS)

LECTURE OF PEDIATRIC

S.NO	TOPICS	TEACHER
1.	Introduction to the Paediatrics Subject and National guidelines. State of Children in Pakistan	Prof: Dr. M Akbar Nizamani
2.	Paediatrics History and Examination	Dr. Sikandar Ali Bhand
3.	Neonatal History and Examination	Dr. Faraz Ahmed
4.	Convention of child rights / Basic Child rights Prevention of child abuse	Prof: Dr. M Akbar Nizamani
5.	Infant Young child feeding: Breast Feeding	Dr. Sikandar Ali Bhand
6.	Infant Young child feeding: IYCF Complimentary Feeding	Dr . Faraz Ahmed
7.	Nutrition During First 1000 Days	Prof: Dr. M Akbar Nizamani
8.	Growth	Dr. Sikandar Ali Bhand
9.	Development	Dr. Muqaddas Ali
10	EPI & Update on Immunization	Prof: Dr. M Akbar Nizamani
11	Introduction to integrated management of a sick child	Dr. Faraz Ahmed
12	Triage and facility based management of danger signs	Dr. Muqaddas Ali
13 A	Approach to child with Fever and Fits.	Prof: Dr. M Akbar Nizamani
13 B	Febrile Convulsions	Dr. Sikandar Ali Bhand

14	Meningitis	Dr. Faraz Ahmed
15	Encephalitis	Dr. Muqaddas Ali
16	Cerebral Malaria	Prof: Dr. M Akbar Nizamani
17	Approach to the child with Cough / difficult breathing	Dr. Sikandar Ali Bhand
18	Pneumonia Diagnosis and Treatment	Dr. Faraz Ahmed
19	Approach to child with wheeze : Asthma	Prof: Dr.M Akbar Nizamani
20	Approach to child with Loose Motions: Acute Diarrhea	Dr. Muqaddas Ali
21	Persistent Diarrhea	Dr. Faraz Ahmed
22	Facility based management of Diarrhea Plan C Management of Shock	Prof: Dr. Akbar Nizamani
23	Chronic Diarrhea & Malabsorption	Dr. Muqadas Ali
24	Fever IMNCI classification and facility based management of child hood fever	Dr. Faraz Ahmed
25	Malaria	Dr. Sikandar Ali Bhand
26	Measles	Dr. Sikandar Ali Bhand
27	Mumps Rubella	Dr. Faraz Ahmed
28	Dengue Fever	Dr. Sikandar Ali Bhand
29	Chicken Pox	Dr. Sikandar Ali Bhand
30	UTI	Dr. Faraz Ahmed
31	Pulmonary Tuberculosis and National guidelines	Dr. Sikandar Ali Bhand
32	Extra Pulmonary Tuberculosis: TBM	Dr. Sikandar Ali Bhand
33	Polio and AFP surveillance / GB syndrome	Dr. Sikandar Ali Bhand
34	Hepatitis, A. Hepatic Encephalopathy	Dr. Sikandar Ali Bhand
35	Hepatitis B.C	Dr. Sikandar Ali Bhand
36	Diphtheria, Pertusis and Tetanus	Dr. Sikandar Ali Bhand

37	Typhoid Fever Scenario	Dr. Sikandar Ali Bhand
38	Approach to child with Malnutrition	Dr. Sikandar Ali Bhand
39	Sever malnutrition SAM / CC Pathway	Prof. Dr. M Akbar Nizamani
40	CMAM	Prof. Dr. M Akbar Nizamani
41	Approach to child with Palmar Pallor	Prof. Dr. M Akbar Nizamani
42	Micronutrient deficiencies.	Prof. Dr. M Akbar Nizamani
43	Rickets	Dr. Faraz Ahmed
44	Essential newborn care	Prof. Dr. M Akbar Nizamani
45	Birth asphyxia and helping baby breath : Resuscitation	Prof. Dr. M Akbar Nizamani
46	Management of asphyziated baby / HIE	Prof. Dr. M Akbar Nizamani
47	Birth trauma	Dr. Muqaddas Ali
48	Neonatal Jaundice	Dr. Muqaddas Ali
49	Small baby/ LBW ((SFD and preterm) problems and management	Prof. Dr. M Akbar Nizamani
50	Faculty based management of danger signs in newborn	Dr. Muqaddas Ali
51	Approach to neonate with seizures (PBL)	Dr. Muqaddas Ali
52	Neonatal sepsis / meningitis	Prof. Dr. M Akbar Nizamani
53	Common congenital malformations	
54	Approach t child with Edema / Nephrotic Syndrome	Dr. Muqaddas Ali
55	Approach to the child with Haematuria / AGN	Dr. Muqaddas Ali
56 A	Management of Renal Failure / ARF	Dr. Muqaddas Ali
56 B	Chronic Kidney Disease	Dr. Muqaddas Ali
57	Approach to child with: Bleeding Disorder/ITP	Prof. Dr. M Akbar Nizamani
58	Leukemia	Dr. Faraz Ahmed
59	Thalassemia	Prof. Dr. M Akbar Nizamani

60	Aplastic anemia & blood transfusion	Dr. Faraz Ahmed
61	Genetics and chromosomal disorders	
62	Down Syndrome	Dr. Faraz Ahmed
63	IDDP & Management of Ketoacidosis in Children	Dr. Faraz Ahmed
64	Approach to child with short stature	Dr. Faraz Ahmed
65	Hypothyroidism	Dr. Faraz Ahmed
66	Cyanotic Heart Diseases TOF , TGA	Dr. Muqaddas Ali
67	Rheumatic Fever / Rheumatic Heart Disease	Dr. Muqaddas Ali
68	Heart Failure	Dr. Muqaddas Ali
69	Approach to child with Seizures/ Febrile convulsion/ Epilepsy	Prof. Dr. M Akbar Nizamani
70	Approach to a handicapped child/ Cerebral palsy	Dr. Faraz Ahmed
71	Approach to child with hematemesis/ CLD	Dr. Faraz Ahmed
72	Approach to child with behavioral problems and Psycho social assessment	Prof. Dr. M Akbar Nizamani
73	Poisoning	Prof. Dr. M Akbar Nizamani

FINAL YEAR SMALL GROUP TEACHING SCHEDULE

WITH INTEGRATION OF IMNCI

Day	Course Content / Subject / Topics
1	Paediatric History
2	General Physical Examination
3	Approach to Child with Convulsions / Coma / CNS Infection
4	Clinical approach of child with CNS infections(CNS Examination
5	Approach to Child with Cough or Difficult Breathing / Pneumonia /TB/Asthma
6	Examination of respiratory system/Asthma/tuberculosis(indoor)
7	Assess and classify child with Diarrhea (Indoor and Outdoor)
8	Long Case presentation by students (indoor)
9	Assess and classify fever (OPD)
10	Assess and classify Ear/Throat Problem (OPD)
11	Approach to child with malnutrition and Introduction to CMAM (Indoor)
12	Examination of malnourished child and management (outdoor ,indoor)
13	Approach to child with anemia
14	EPI and Non EPI Vaccines. Method of notifying to EDO Health for Communicable diseases/ AFP (OPD)
15	Approach ON SICK CHILD 2 MONTH TO 5 YEARS
16	Topic: Neonatal History and Examination (Indoor)
17	WHO, Essential Newborn Care (Indoor--- Nursery /postnatal ward)
18	Approach to a neonate with failure to established breathing NRP
19	Practical approach to small baby (Indoor)
20	Introduction to 0-2 Months . Check for Possible Infection & Jaundice in sick Young Infant (OPD)

21	Check the sick young Infant for feeding problem, Assessment of Breast Feeding and methods of breast feeding replacement
22	Identify treatment for all classification. And Identify pre- referral treatment and treat the child (OPD)
23	Communication & counseling skills need for when to return immediately, counsel the mother about her own health. And follow up care of sick child and young infant (OPD)
24	Practice of Counselling on communication skills
25	Approach to a child with Oedema and Ascites (indoor)
26	Pediatric Radiology (indoor)
27	Approach to Child with Congenital Heart disease
28	Approach to child with cerebral palsy or development delay Indoor
29	Short cases examination
30	Approach of Differential Diagnoses of Cyanotic
31	Differential Diagnosis of Cyanotic heart Diseases
32	Case Presentation of Thalassemia major
33	OSPE Practical /MCQs
34	Assis and Classify child with ear problem and throat problem
35	Birth Asphyxia

DEPARTMENT OF NEUROLOGY

S #	TEACHING FACULTY
	ASSISTANT PROFESSOR
01	DR FARAZ AHMED CHANNA
	Teachers:
Topics	• Introduction & Overview • Investigation of neurological Disease • Epilepsy • Cerebrovascular Accident c. Ischemic d. Hemorrhage • Headache/ Migraine • Coma/ Brain Death • Dementia and Alzheimer's Disease • Extrapyrarnidal disease and Parkinsonism • Motor neuron disease • Demyelinating Disorders c. Multiple Sclerosis d. Transverse Myelitis • Infections d. Meningitis e. Encephalitis f. Brain Abscess • Spinal cord disease c. Paraplegia d. SADC (sub-Acute Combined degeneration) • Neuropathies c. Overview d. GB Syndrome • Myasthenia gravis • Myopathies and skeletal muscle disease - Brain Tumors

DEPARTMENT OF PULMONOLOGY

(CHEST MEDICINE)

S #	TEACHING FACULTY
	Professor
01	Dr. Naveed Inayat
	Teachers: Dr.Naveed Inayat
	Chapter : Diseases of the Respiratory System
Topics	1. Pneumonia 2. Bronchial Asthma 3. Pulmonary Tuberculosis 4. Bronchogenic Carcinoma Lung 5. Pneumothorax 6. Para pneumonic Effusion 7. COPD 8. Lung Abscess 9. Respiratory Failure 10. Cor-pulmonale 11. Bronchiectasis 12. Pulmonary Embolism

DEPARTMENT OF DERMATOLOGY

S #	TEACHING FACULTY
	REGISTRAR
	Teacher : Dr. Sania Qamar
Topics	1. Skin Anatomy & Related Terminologies 2. Psoriasis 3. Eczema 4. Stevens – Jhonson’s Syndrom 5. Leishmaniasis 6. S.L.E 7. H.I.V 8. Cutaneous Manifestations of Systemic diseases

SUBJECT: MEDICINE & ALLIED LECTURES
DEPARTMENT OF CARDIOLOGY

S.No	TEACHING FACULTY	
	PROFESSOR OF CARDIOLOGY & VICE CHANCELLOR	
01	PROF: DR. FEROZ MEMON	
	ASSISTANT PROFESSOR	
02	DR. MUHAMMAD ZAMAN BALOCH	
	Topics:	Teachers:
TOPICS	1. Introduction & Symptomology 2. Hypertension 3. ECG (Electrocardiogram) 4. STEMI (ST elevation myocardial infarction) Unstable Angina and NSTEMI 5. STEMI (ST elevation myocardial infarction) 6. Congenital Heart Disease 7. Aortic Valve Disease 8. Infective endocarditis 9. Congestive Heart failure 10. Mitral Valve Disease	Prof.Dr. Feroz Memon Dr. Zaman Baloch Prof.Feroz Memon Prof.Dr.Feroz Memon Dr. Zaman Baloch Dr. Zaman Baloch Dr. Zaman Baloch Dr. Zaman Baloch Dr. Zaman Baloch

DEPARTMENT OF NEPHROLOGY

S #	TEACHING FACULTY	
	SENIOR REGISTRAR	
01	DR SADIA NIZAMANI	
	Teachers:	
Topics	1. Overview of Nephrology / Physiological Anatomy of Nephron 2. Water homeostasis including sodium & potassium homeostasis 3. Acid Base regulations and common ABG disorders 4. Primary and Secondary glomerular diseases 5. Acute kidney injury and Management 6. Chronic kidney disease and Management 7. Urinary tract infections 8. Dialysis its principle and indications 9. Common hereditary disorders of kidney 10. Overview of kidney transplant	

SUBJECT: SURGICAL SKILLS (SKILL LAB)

FINAL YEAR MBBS

INCHARGE: DR GHULAM ABBASS SOOMRO

BIOMEDICAL ENGINEER: AMMARA MAHESAR

9TH SEMESTER	10TH SEMESTER
01 Nasogenic Tube Insertion+Suction 02 Normal Vaginal Delivery 03 –Forceps/Vacume Delivery Gynea 04 Cervical Dilatation 05 PV Examination 06 Intra Uetrine Contraceptive Technique 07 Syringe Pumps 08 PICC Line	01-Haemo Dialysis (Nephrology) 02-Peritoneal Dialysis 03-Local Anesthesia 04-Suture Technique(Plastic Surgery) 05-Nebulise 06-Exam Of Upper & Lower Limb Joints 07-Infant Airways 08-Suction Machine

SUBJECT:

Medicine-i	Medicine-ii
1. CVS 2. Respiratory system 3. GIT,Liver,Pancreas, GB 4. Cell,Immunity,Genet ics 5. Kidney 6. Water & Electrolytes Balance 7. Geriatric Medicine 8. Critical care medicine 9. Poisonin	1. Infection 2. Endocrines 3. Diabetics,Nutrit ions,Metabolic Disorder 4. Blood 5. Collagen Disorders 6. Nervous System 7. Psychiatry 8. Therapeutic 9. Dermatology 10. Oncology

TABLE OF SPECIFICATION (THEORY EXAMINATION)

SURGERY I & II	THEORY	QUESTIONS	MARKS	TOTAL
	BCQ's	35+35	35+35	70
	SHORT ESSAY	6/8+6/8	15+15	30
	TOTAL MARKS	50+50 100		
GYNAECOLOGY & OBSTETRICS	QUESTIONS		MARKS	
	BCQ's	35+35	35+35	70
	SHORT ESSAY	6/8+6/8	15+15	30
	TOTAL MARKS	50+50 100		
MEDICINE I & II	QUESTIONS		MARKS	
	BCQ's	35+35	35+35	70
	SHORT ESSAY	6/8+6/8	15+15	30
	TOTAL MARKS	50+50 100		
PAEDIATRICS	BCQ's	35	70	70
	SHORT ESSAY	6/8	30	30
	TOTAL MARKS	100 100		

TABLE OF SPECIFICATION (PRACTICAL EXAMINATION/OSPE)

SURGERY & ALLIED SUBJECTS	DESCRIPTION	MARKS
	ATTENDANCE	10
	INTERNAL EVALUATION	10
	OSPE	80
	TOTAL MARKS	100
GYNAECOLOGY & OBSTETRICS	ATTENDANCE	10
	INTERNAL EVALUATION	10
	OSPE	80
	TOTAL MARKS	100
MEDICINE & ALLIED SUBJECTS	ATTENDANCE	10
	INTERNAL EVALUATION	10
	OSPE	80
	TOTAL MARKS	100
PAEDIATRICS	ATTENDANCE	10
	INTERNAL EVALUATION	10
	OSPE	80
	TOTAL MARKS	100

INSTRUCTIONS

- 75% ATTENDANCE IS MANDATORY FOR ELIGIBILITY OF EXAMINATION FORM
- IN CASE OF LECTURE IS NOT DELIVERED DUE TO ANY REASON ON THE SCHEDULED DATE, IT WILL BE COMPENSATED IN EXTRA TIME

BOOKS RECOMMENDED

MEDICINE:

- ✓ Davidson's Principles And Practice Of Medicine
- ✓ Kumar & Clark Clinical Examination

SURGERY:

- ✓ Belly And Love Practice Of Surgery
- ✓ Sd Clinical Methods

GYNAECOLOGY & OBSTETRICS:

- ✓ Gyneacology By Ten Teachers
- ✓ Obstetrics By Ten Teachers
- ✓ Life Saving Skills Manual, Essential Obstetrics And New Born Care RCOG
- ✓ Pregnancy, Childbirth, Postpartum And Newborn Care (PCPNC): A Guide For Essential Practice
- ✓ Integrated Management Of And Child Birth Geneva: WHO: WHO
- ✓ Guidelines For The Management Of Reproductive Tract Infections: AAHUNG

PAEDIATRICS:

- ✓ Textbook Of Pediatric By PPA
- ✓ Text Book Of Pediatrics By Pervez Akbar
- ✓ Manual Of Infectious Disease, Manual Of National TB Control Program
- ✓ Nelson Text Book Of Paediatrics