

CHECKLIST HO

BOOK A – MEDICAL

	MANDATORY TOPICS	READ	NOTE
1	DENGUE AND OTHER COMMON INF (LEPTOSPIROSIS, CHOLERA, MALARIA, MELIOIDOSIS, TYPHUS, TYPHOID)		
2	SEPSIS AND RATIONAL USE OF ATB		
3	TB		
4	DIABETES MELLITUS *(INCL. DIABETIC EMERGENCIES)		
5	HPT (INCL. HYPERTENSIVE URGENCIES AND EMERGENCIES)		
6	ACUTE CHEST PAIN (FOCUS ON ACUTE CORONARY SYNDROME)		
7	HEART FAILURE		
8	ECG INTERPRETATION AND MANAGEMENT OF ARRYTHMIAS		
9	ACUTE BREATHLESSNESS (FOCUS ON BRONCHIAL ASTHMA, COPD, PULMO EDEMA, PULMO EMBOLISM)		
10	APPROACH TO COMMON RESPI DISEASE (PNEUMONIA, PNEUMOTHORAX, PLEURAL EFFUSION)		
11	MANAGEMENT OF BRONCHIAL ASTHMA AND COPD **		
12	ACUTE CONFUSION (FOCUS ON CAUSES INCL. MENINGOENCEPHALITIS)		
13	FLUID AND ELECTROLYTE DISORDERS		
14	ACUTE KIDNEY INJURY AND CHRONIC KIDNEY DISEASE		
15	SHOCK		
16	COUNSELLING AND COMMUNICATION SKILLS (BREAKING BAD NEWS, TAKING CONSENT AND HANDLING COMPLAINTS. SUGGESTED SCENARIOS: HIV DISEASE, VIRAL HEPATITIS, RENAL REPLACEMENT THERAPY)		
	<ul style="list-style-type: none"> • CAPILLARY GLUCOSE MONITORING AND INSULIN THERAPY SHOULD BE DISCUSSED. • **PEAK FLOW/ FEV1 MONITORING AND USE OF INHALERS SHOULD BE DISCUSSED 		

	OTHER ESSENTIAL TOPICS	READ	NOTE
1	APPROACH TO CARDIOVASCULAR RISK FACTORS (DM, HPT, DYSLIPIDEMIA, OBESITY, SMOKING)		
2	STROKE		
3	SEIZURE AND EPILEPSY (FOCUS ON STATUS EPILEPTICUS AND MENINGOENCEPHALITIS)		
4	DEEP VEIN THROMBOSIS, PULMO EMBOLISM AND ANTICOAGULANT THERAPY		

5	APPROACH TO ANEMIA AND PRINCIPLES OF TRANSFUSION MEDICINE.		
6	APPROACH TO CYTOPENIAS (INCLUDING FBC INTERPRETATION)		
7	HIV DISEASE		
8	GASTRO-INTESTINAL BLEEDING		
9	APPROACH TO JAUNDICE AND CHRONIC LIVER DISEASE (CIRRHOSIS, PORTAL HPT, LIVER FAILURE)		
10	THYROID AND ADRENAL DISEASE (FOCUS ON THYROID EMERGENCIES AND HYPOADRENALISM)		
11	APPROACH TO ARTHRITIS AND OSTEOPOROSIS		
12	COMMON SKIN CONDITIONS: PSORIASIS, ACNE, ECZEMA, URTICARIA, AND DRUG REACTIONS.		
13	PRINCIPLES OF GERIATRIC CARE AND REHAB & PALLIATIVE CARE FOR THE TERMINALLY ILL		
14	POISONING AND SNAKE BITES		
15	UNIVERSAL PROCEDURES, INFECTION CONTROL AND HOSPITAL-ACQUIRED INFECTIONS		
16	PRINCIPLES OF PATIENT SAFETY INCL, SAFE PRESIBING AND MEDICATION ADHERENCE		

	PROCEDURES	READ	NOTE
1	DOPS – VENEPUNCTURE, INSERT IV CANNULA, BLOOD CULTURE PROCEDURE, ABG SAMPLING, INSERTION OF URINARY CATHETER, INSERTING RYLES TUBE (NASOGASTRIC TUBE)		
2	NON- DOPS – PERFORMING ECG AND INTERPRETING CORRECTLY, SATISFACTORY DISCHARGE SUMMARY		
3	CO/AP – THORACOCENTESIS (US- GUIDED WHERE POSSIBLE), ABDOMINAL PARACENTESIS, LUMBAR PUNCTURE (LP), CPR (BAG MASK, CHEST COMPRESSIONS, INTUBATION AND DEFIBRILLATION), INSERT TRANSVENOUS CATHETER IN THE ARM (LONG LINE), INSERT CENTRAL VENOUS CATHETER (CVS)(JUGULAR/SUBCLAVIAN), INSERT FEMORAL VENOUS CATHETER, INSERT CHEST TUBE		

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BOOK B – SURGERY

	COMPULSORY PERFORMED PROCEDURES MUST BE COMPETENT & SKILLFUL IN FOLLOWING:	READ	NOTE
1	INCISION AND DRAINAGE OF ABSCESS		
2	ENDOTRACHEAL INTUBATION		
3	CPR		
4	ARTERIAL PUNCTURE FOR BLOOD GAS ANALYSIS		
5	VENEPUNCTURE AND IV CANNULATION		
6	BLOOD CULTURES FROM PERIPHERAL AND CENTRAL SITES		
7	URETHRAL CATHETERIZATION IN MALES		
8	URETHRAL CATHETERIZATION IN FEMALES		
9	TOILET AND SUTURING		
10	DESLOUGHING AND DRESSING OF WOUNDS		
11	NASOGASTRIC TUBE INSERTION		
12	CHEST TUBE INSERTION		
13	DIAGNOSTIC PERITONEAL LAVAG/ PARACENTESIS		
14	SUPRA PUBIC CATHETERIZATION OF BLADDER		
15	WORKSHOP: SURGICAL SKILLS, BASIC LIFE SUPPORT		

	MUST ASSIST IN OR PERFORM THE FOLLOWING PROCEDURES:	READ	NOTE
1	EXCISION OF LYMPH NODES		
2	EXCISION OF BREAST LUMPS		
3	BANDING OF HEMORRHOIDS/ HEMORRHOIDECTOMY		
4	APPENDICECTOMY		
5	HERNIORAPHY		

	MUST OBSERVE OR ASSIST IN THE FOLLOWING PROCEDURES:	READ	NOTE
1	5 MAJOR SURGICAL OPERATIONS		
2	5 MINOR SURGICAL OPERATIONS		

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BOOK C – OBSTETRICS AND GYNAECOLOGY

	MANDATORY TOPICS	READ	NOTE
1	NORMAL AND ABNORMAL LABOUR		
2	HYPERTENSIVE DISORDER IN PREGNANCY		
3	OBSTETRICS EMERGENCIES		
4	DIABETES IN PREGNANCY		
5	OTHER MEDICAL DISORDERS IN PREGNANCY - HEART DISEASE IN PREGNANCY - BRONCHIAL ASTHMA - THYROTOXICOSIS - ANEMIA/ RENAL DISEASE/ RHESUS NEGATIVE, ETC.		
6	PREMATURE PRELABOUR RUPTURE OF MEMBRANE/ PRELABOUR RUPTURE OF MEMBRANE, PRETERM LABOUR		
7	ANTEPARTUM/ POSTPARTUM HEMORRHAGE		
8	BABY FRIENDLY HOSPITAL		
9	EARLY PREGNANCIES COMPLICATIONS		
10	GYNECOLOGICAL TUMOUR/ONCOLOGY		
11	MENSTRUAL DISORDER/PER VAGINAL DISCHARGE		
12	ONE STOP CRISIS CENTRE(OSCC)		
13	MENOPAUSAL ISSUES		

	PROCEDURES: COMPULSORY PERFORMED PROCEDURES	READ	NOTE
1	DOPS – VAGINAL EXAM, SPECULUM EXAM, AMNIOTOMY, NORMAL VAGINAL DELIVERY, PERFORMED EPISIOTOMY AND REPAIR OR EPISIOTOMY, DELIVERY OF PLACENTA, CTG APPLICATION AND INTERPRETATION), MGS04 PREPARATION, PAP SMEAR, PELVIS SAMPLING, PARTOGRAM CHARTING AND INTERPRETATIONS, FEMALE BLADDER CATHETERIZATION)		
2	OBS – INSTRUMENTAL DELIVERIES, LOWER SEGMENT C-SECT, TWIN DELIVERIES, OBS EMERGENCIES, MANUAL REMOVAL OF PLACENTA)		
3	GYNE- EMERGENCY GYNE PROCEDURES INCL. ECTOPIC PREGNANCY, ERPOC, DIAGNOSTIC LAPAROSCOPY, ABDO/VAGINAL HYSTERECTOMY, OVARIAN CYSTECTOMY		
OPTIONAL PROCEDURES			
1	OBS – ULTRASONOGRAPHY, AMNIOCENTESIS, AMNIOREDUCTION, CHORIONIC VILLI SAMPLING		
2	GYNAE – IUCD INSERTION, COLPOSCOPY, HYSTEROSCOPY, ULTRASONOGRAPHY, URODYNAMICS (IF AVAILABLE), FOLLICULAR TRACKING, IUI/IVF/ICSI (IF AVAILABLE)		

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BOOK D – PAEDIATRICS

	MANDATORY TOPICS	READ	NOTE
1	NEONATAL JAUNDICE		
2	RESPIRATORY DISTRESS OF NEWBORN		
3	PREMATURITY AND NEONATAL HYPOGLYCEMIA (IDM)		
4	BREAST FEEDING AND NUTRITION IN CHILDREN		
5	CNS EMERGENCIES IN CHILDREN (FITS & CNS INFECTIONS)		
6	CHILD WITH ANEMIA (THALASSEMIA)		
7	PAEDIATRIC EMERGENCIES: RESPI FAILURE AND SHOCK		
8	GROWTH & DEVELOPMENT AND IMMUNIZATION		
9	ACUTE GASTROENTERITIS, FLUID AND ELECTROLYTE MANAGEMENT		
10	BRONCHIAL ASTHMA AND ACUTE ASTHMA		
11	NEPHROTIC SYNDROME AND ACUTE NEPHRITIS		
12	URINARY TRACT INFECTION		
13	COMMON HEART CONDITIONS IN CHILDREN		
14	CHILD WITH BLEEDING PROBLEMS		
15	ACUTE RESPI INFECTIONS		
16	DENGUE INFECTION		

MUST PASS NEONATAL RESUSCITATION PROGRAMME

	OTHER ESSENTIAL TOPICS TO BE COVERED AT BEDSIDE TEACHING	READ	NOTE
1	EXAM OF NEWBORN (+BALLARD SCORE) & SCREENING (G6PD, HYPOTHYROID)		
2	GESTATIONAL AGE (SGA AND LGA)		
3	ACUTE SURGICAL EMERGENCIES IN NEONATES AND PAEDIATRICS		
4	CEREBRAL PALSY		
5	HIV		
6	IMPORTANT INFECTIONS IN CHILDREN – TB, MALARIA, TYPHOID, CHOLERA, KAWASAKI		
7	COMMON SKIN CONDITIONS IN CHILDREN 8. CHILD ABUSE		
8	INTERPRETATION OF ABG AND BASIC LAB INVESTIGATIONS		
9	INTERPRETATION OF BASIC DIAGNOSTIC IMAGING INVESTIGATIONS		
10	INTERPRETATION OF PAEDIATRICS ECG		
11	MEDICATIONS: INDICATIONS, CALCULATION OF DOSAGES AND SIDE EFFECTS		
12	COMMUNICATION, COUNSELLING AND PROFESSIONALISM		

	PROCEDURES - COMPULSORY PERFORMED PROCEDURES	READ	NOTE
1	DOPS – VENEPUNCTURE (NEONATES), VENEPUNCTURE (PAEDIATRICS), IV CANNULATION (NEONATES), IV CANNULATION (PAEDIATRICS), BLOOD CULTURE, DELIVERY IF BROCHODILATORS – MDI WITH SPACER		
2	OTHER COMPULSORY PERFORMED PROCEDURES – NEONATAL RESUSCITATION (NEED TO INDICATE WHETHER INCLUDES INTUBATION), PARTICIPATE IN RESUSCITATION OF CHILDREN, NASOGASTRIC TUBE INSERTION, HEEL PRICK/ DEXTROSTIC, ECG RECORD AND INTERPRETATION, OXYGEN THERAPY (METHODS OF OXYGEN DELIVERY), APPLICATION OF PULSE OXIMETER, NEBULISATION, MEASUREMENT OF PEAK FLOW		
3	CO/AP – UMBILICAL VENOUS CATHETER, LUMBAR PUNCTURE, BLOOD EXCHANGE TRANSFUSION, CHEST TUBE INSERTION, INTRAOSSEOUS LINE, BLADDER CATHETERIZATION, BONE MARROW ASPIRATION, ARTERIAL SAMPLING/PUNCTURE AND ARTERIAL BLOOD GAS		

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BOOK E – ORTHOPAEDICS

	MANDATORY TOPICS	READ	NOTE
TRAUMA			
1	OPEN FRACTURES		
2	PELVIC FRACTURES		
3	SPINE INJURIES: - CERVICAL XRAY INTERPRETATION - COMPRESSION FRACTURE, BURST FRACTURE, CHANCE FRACTURE - ASIA CHARTING - CAUDA EQUINA SYNDROME AND OTHER SPINE EMERGENCIES - MANAGEMENT AND PROGNOSIS		
4	DISLOCATIONS/ SOFT TISSUE INJURY		
5	PREDIATRIC FRACTURE – EPIPHYSEAL FRACTURE AND SUPRACONDYLAR HUMERUS FRACTURE		
NON-TRAUMA			
6	FAT EMBOLISM SYNDROME PULMONARY EMBOLISM		
7	COMPARTMENT SYNDROME		
8	ARTHRITIS – OSTEOARTHRITIS, RHEUMATOID ARTHRITIS, SEPTIC ARTHRITIS, DEGENERATIVE SPINE DISEASE		
INFECTION			
9	DIABETIC FOOT ULCER AND SOFT TISSUE INFECTION (NECROTIZING FASCIITIS)		
10	TB OF THE SPINE		
11	OSTEOMYELITIS		
OTHERS			
12	BRACHIAL PLEXUS INJURY		
13	LONG BONE FRACTURE CLASSIFICATION & PRINCIPLES OF MANAGEMENT		
14	PRINCIPLE OF FRACTURE MANAGEMENT		
15	WOUND DRESSING LOCAL ANESTHESIA (FINGER/ANKLE/WRIST BLOCK)		
16	ORTHOPEDIC EXAMINATIONS INCL. PRIMARY SURVEY: - UPPER/ LOWER LIMBS - KNEE/ HIP JOINT - SPINE - LUMPS/ BUMPS/ ULCERS		

	PROCEDURES	READ	NOTE
1	DOPS – SPLINTING/ IMMOBILIZATION OF FRACTURES, TOILET & SUTURING, CMR AND FLPOP, RING BLOCK, DEBRIDEMENT OF WOUNDS		
2	COMPULSORY PERFORMED PROCEDURES – WOUND/PIN SITE DRESSING/DESLOUGHING, APPLICATION OF POP, SPLITTING OF POP, EXCISION BIOPSY OF SUPERFICIAL LUMPS, APPLICATION OF TORNIQUET, JOINT ASPIRATION		
3	CO/AP – EXTERNAL FIXATION OF ALL FRACTURES, INTERNAL FOXATION, K-WIRING, MAJOR AMPUTATION OF LIMBS, ARTHROTOMY, FASCIOTOMY FOR COMPARTMENT SYNDROME		

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BOOK F – EMERGENCY MEDICINE

	MANDATORY TOPICS	READ	NOTE
1	BASIC LIFE SUPPORT		
2	TRAUMA MANAGEMENT		
3	CARDIAC LIFE SUPPORT – MEGACODE & RHYTHM RECOGNITION		
4	AIRWAY MANAGEMENT		
5	TRIAGE SYSTEM		
6	TOXICOLOGY – POISONING & ENVENOMATION		
7	DISASTER MANAGEMENT		
8	MANAGEMENT OF OSCC CASES		
9	DENGUE MANAGEMENT		
10	ENT & OPHTHALMOLOGY EMERGENCIES		
11	APPROACH TO CHEST PAIN		
12	APPROACH TO BREATHLESSNESS		
13	APPROACH TO ALTERED MENTAL STATUS & SEIZURES		
14	APPROACH TO SHOCK		
15	APPROACH TO MANAGEMENT OF FEVER & SEPSIS		
16	PAIN MANAGEMENT		
17	ORGAN TRANSPLANT		
18	ENDOCRINE EMERGENCIES		

	PROCEDURES	READ	NOTE
COMPULSORY PERFORMED PROCEDURES			
1	AIRWAY MANAGEMENT – OPEN & MAINTAIN AIRWAY MANEUVER		
2	AIRWAY MANAGEMENT – OXYGEN ADMINISTRATION		
3	AIRWAY MANAGEMENT – PREPARE NEBULISATION		
4	AIRWAY MANAGEMENT – BAG MASK VENTILATION		
5	AIRWAY MANAGEMENT – ADULT/ PEDIATRIC INTUBATION		
6	AIRWAY MANAGEMENT – ADVANCE AIRWAY ADJUNCT APPLICATION (SUPRAGLOTTIC)		
7	CPR – CHEST COMPRESSION		
8	INITIAL FRACTURE MANAGEMENT – LIMB IMMOBILISATION		
9	INITIAL FRACTURE MANAGEMENT – APPLICATION OF CERVICAL COLLAR		
10	INITIAL FRACTURE MANAGEMENT –SPINAL BOARD APPLICATION & LOG ROLL		
11	WOUND MANAGEMENT – WUND IRRIGATION, DEBRIDEMENT AND SUTURING		

12	WOUND MANAGEMENT – DIRECT COMPRESSION AND BANDAGE		
13	INTERVENTIONAL AND MONITORING - CHEST TUBE INSERTION		
14	INTERVENTIONAL AND MONITORING – THROMBOLYTIC THERAPY – PREPARATION AND ADMINISTRATION		
15	TRIAGE – HOSPITAL TRIAGE – PRIMARY TRIAGE, SECONDARY TRIAGE, SURVEILLANCE TRIAGE		
16	CO- MANAGEMENT OF LIFE-THREATENING CONDITIONS – INITIAL MANAGEMENT OF TRAUMA – PRIMARY & SECONDARY SURVEY		
17	CO- MANAGEMENT OF LIFE-THREATENING CONDITIONS – PHARM MANAGEMENT OF CARDIAC DYSRTHYMIAS –ACLS		
18	CO- MANAGEMENT OF LIFE-THREATENING CONDITIONS – DEFIBRILLATION, SYNCHRONIZED CARDIOVERSION, TRANSCUTANEOUS PACING		
19	FOCUSED ASSESSMENT SONOGRAPHY IN TRAUMA (FAST)		
20	PAIN ASSESSMENT AND MANAGEMENT		
COMPULSORY ASSISTED PROCEDURES			
21	INITIAL FRACTURES/ DISLOCATION MANAGEMENT – CMR		
22	SPECIAL PROCEDURES – PROCEDURAL SEDATION ANALGESIA		
23	SPECIAL PROCEDURES – RAPID SEQUENCE INTUBATION		
24	INITIAL FRACTURE MANAGEMENT –PELVIC IMMOBILIZATION		
25	INITIAL FRACTURE MANAGEMENT –TRACTION SPLINTING		
26	INTRA- HOSPITAL AND INTER-HOSPITAL TRANSFER OF CRITICALLY ILL PATIENTS		
27	PRE-HOSPITAL CARE – AMBULANCE CALL & RADIO COMMUNICATION		
COMPULSORY OBSERVED PROCEDURES			
28	MANAGEMENT OF DIFFICULT INTUBATION (BOUGIE, VIDEO LARYNGOSCOPE, McCOY BLADE)		
29	MANAGEMENT OF AMPUTATED PART		
30	T&S OF SPECIALISED AREA (FACE, PINNA)		
31	OSCC (RAPE, SODOMY, DOMESTIC VIOLENCE, CHILD ABUSE)		
32	BREAKING BAD NEWS/ COUNSELLING & BEREAVEMENT		
OPTIONAL PROCEDURES			
33	CRICOTHYROIDECTOMY		
34	MEDICAL STANDBY		
35	SUPRAPUNIC CATHETERIZATION		
36	PERICARDIOCENTESIS		
37	FIELD TRIAGE		
38	DISASTER TRIAGE		
39	HOSPITAL ACTIVATION FOR DISASTER		
40	INTRA- OSSEOUS NEEDLE INSERTION		
41	NEEDLE THORACOCENTESIS		
42	EYE IRRIGATION		

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BOOK G – ANAESTHESIOLOGY

	MANDATORY TOPICS	READ	NOTE
1	BASIC PHARMACOLOGY OF ANAEST DRUGS		
2	BASIC PHARMACOLOGY OF ANAEST-RELATED DRUGS		
3	PRE-OP ASSESSMENT		
4	AIRWAY ADJUNCTS AND DIFFICULT AIRWAY		
5	UNDERSTANDING ANAEST MACHINE		
6	OXYGEN THERAPY		
7	ABG MEASUREMENT		
8	FLUIDS, BLOOD & BLOOD PRODUCTS MANAGEMENT		
9	OBSTETRICS ANAESTHESIA		
10	ANAEST FOR EMERGENCY SURGERY		
11	ACUTE PAIN MANAGEMENT		
12	TRANSPORT OF CRITICALLY ILL PATIENT		
13	ORGAN DONATION		
14	CHRONIC PAIN MANAGEMENT		
15	EFFECTIVE COMMUNICATION WITH RELATIVES		

	PROCEDURES	READ	NOTE
COMPULSORY PERFORMED PROCEDURES:			
1	OPERATION THEATRE – (1) MASK VENTILATION (2) ENDOTRACHEAL INTUBATION (3) LARYNGEAL MASK AIRWAY INSERTION (4) PERIPHERAL VENOUS CANNULATION		
2	INTENSIVE CARE UNIT – (5) HAND HYGIENE (6) ENDOTRACHEAL SUCTIONING (7) NEBULISER PREPARATION AND APPLICATION (8) TRANSPORT OF CRITICALLY ILL PATIENT		
3	ACUTE PAIN SERVICE – (9) ASSESSMENT OF PAIN		
# NOTE: MIN. NUMBER OF PROCEDURES REQUIRED IS 10			
CO-AP:			
3	INDUCTION AND REVERSAL OF GENERAL ANAEST		
5	ARTERIAL LINE INSERTION		
6	CENTRAL VENOUS CATHETER INSERTION		
7	EPIDURAL ANEST		
8	PREPARING PATIENT CONTROLLED ANALGESIA MACHINE		
OPTIONAL PROCEDURES			
9	FIBROPTIC BRONCHOSCOPIC INTUBATION		
10	NERVE BLOCK		
11	DEFIBRILLATION		