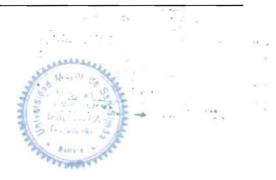
Contents



Preface

Acknowledgements

Introduction

PART 1: ORGANIZING THE DISTRICT HOSPITAL SURGICAL SERVICE

1	-	anization and management of the district gical service	
	1.1	The district hospital	1 - 1
	1.2	Leadership, team skills and management	1-2
	1.3	Ethics	1-7
	1.4	Education	1–9
	1.5	Record keeping	1–13
	1.6	Evaluation	1-15
	1.7	Disaster and trauma planning	1-17

2 The surgical domain: creating the environment for surgery

2.1	Infection control and asepsis	2-1	
2.2	Equipment	2-4	
2.3	Operating room	2-6	der.
2.4	Cleaning, sterilization and disinfection	2-11	if.
2.5	Waste disposal	2-13	- Aller

PART 2: FUNDAMENTALS OF SURGICAL PRACTICE

3 The surgical patient

3.1	Approach to the surgical patient	3-1
3.2	The paediatric patient	3-6

4 Surgical techniques

4.1	Tissue handling	4 - 1
4.2	Suture and suture technique	4-2
4.3	Prophylaxis	4-10

5 BASIC SURGICAL PROCEDURES

	5.1	Wound management	5-1
	5.2	Specific lacerations and wounds	5-5
	5.3	Burns	5-13
	5.4	Foreign bodies	5–16
	5.5	Cellulitis and abscess	5-19
	5.6	Excision and biopsies	5-30
DA	DT 2	: THE ABDOMEN	
6		arotomy and abdominal trauma	
	6.1	Laparotomy	6-1
	6.2	Abdominal trauma	6–4
7	Acut	te abdominal conditions	
	7.1	Assessment and diagnosis	7-1
	7.2	Intestinal obstruction	7–2
	7.3	Peritonitis	74
	7.4	Stomach and duodenum	7–5
	7.5	Gallbladder	7–8
	7.6	Appendix	7–10
8	Abd	ominal wall hernia	
	8.1	Groin hernias	8-1
	8.2	Surgical repair of inguinal hernia	8-2
	8.3	Surgical repair of femoral hernia	8-6
	8.4	Surgical treatment of strangulated groin hernia	8-8
	8.5	Surgical repair of umbilical and para-umbilical hernia	8-9
	8.6	Surgical repair of epigastric hernia	8-10
	8.7	Incisional hernia	8-10
9		ary tract and perineum	
	9.1	The urinary bladder	9-1
	9.2	The male urethra	9–6
	9.3	The perineum	9–16
P	ART 4	: EMERGENCY OBSTETRIC CARE	
		ertension in pregnancy	
	10.1	Hypertension	10-1
	10.2	Assessment and management	10-3
		Delivery	10-8
	10.4	Postpartum care	10-8

10.5 Chronic hypertension 10–9

10.5 Complications 10-9

11 Management of slow progress of labour

11.1	General principles	11 - 1
11.2	Slow progress of labour	11-3
11.3	Progress of labour	11–9
11.4	Operative procedures	11-13

12 Bleeding in pregnancy and childbirth

12.1	Bleeding	12 - 1
12.2	Diagnosis and initial management	12-3
12.3	Specific management	126
12.4	Procedures	12-15
12.5	Aftercare and follow-up	12-35

PART 5: RESUSCITATION AND ANAESTHESIA

13 Resuscitation and preparation for anaesthesia and surgery

13.1	Management of emergencies and cardiopulmonary	
	resuscitation	13-1
13.2	Other conditions requiring urgent attention	13-10
13.3	Intravenous access	13-11
13.4	Fluids and drugs	13-15
13.5	Drugs in resuscitation	13-18
13.6	Preoperative assessment and investigations	13-20
13.7	Anaesthetic issues in the emergency situation	13-27
13.8	Important medical conditions for the anaesthetist	13–36

14 Practical anaesthesia

14.1	General anaesthesia	14-1
14.2	Anaesthesia during pregnancy and for operative delivery	14–12
14.3	Paediatric anaesthesia	14-14
14.4	Conduction anaesthesia	14-21
14.5	Specimen anaesthetic techniques	14–25
14.6	Monitoring the anaesthetized patient	14-34
14.7	Postoperative management	14-45

15 Anaesthetic infrastructure and supplies

15.1	Equipment and supplies for different level hospitals	15 - 1
15.2	Anaesthesia and oxygen	15–5
15.3	Fires, explosions and other risks	15–11
15.4	Care and maintenance of equipment	15–12

	ute trauma management	
16.	1 Trauma in perspective	16-1
16.	2 Principles of Primary Trauma Care	16-2
16.	3 Six phases of Primary Trauma Care	16-3
16.	3 Procedures	16–8
17 Ort	hopaedic techniques	
17.	1 Traction	17-1
17.	2 Casts and splints	17–6
17.	3 Application of external fixation	17-1
17.	4 Diagnostic imaging	17-1
17.	5 Physical therapy	17-1
17.	5 Cranial burr holes	17-1
18 Ori	hopaedic trauma	
18.	1 Upper extremity injuries	18-1
18.	2 The hand	18-1
18.	3 Fractures of the pelvis and hip	18-1
18.	4 Injuries of the lower extremity	18-1
18.	5 Spine injuries	18-2
	5 Fractures in children	182
18.	7 Amputations	18-3
	milputations	
18.	B Complications	18-3

19.1 Congenital and developmental problems19–119.2 Bone tumours19–419.3 Infection19–519.4 Degenerative conditions19–8

ANNEX

Primary Trauma Care Manual: Trauma Management in Remote and District Locations