

GUNIVERSITY RESIDENCY PROGRAM- 2020 OF PEDIATRIC SURGERY







Rawalpindi Medical University

University Residency Program 2020 Log Book MD PROGRAM OF PEDLATRIC SURGERY

<u>YEAR 1</u>

DAY	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	ОСТ	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15 16												
16												
17												
18												
19												
20												
20 21												
22												
22 23												
24												
25												

26						
27						
28						
29						
30						
31						

YEAR 2

DAY	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	ОСТ	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												

24						
25						
26						
27						
28						
29						
30						
31						

PEDS
SURGERY
GENERAL
SURGERY
PEDS
MEDICINE
UROLOGY
ORTHO
THORACIC
NEURO
MEDICAL
EDUCATION

					THIRD	YEAR				
PROCEDURES	3 Mo	onths	6 Mc	onths	9 Mc	onths	12 Months		Total Cases	
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year	
.) Patient Management										
aking Pertinent History (observing respect for dignity of patients and confidentiality)	3	12	4	12	4	12	4	12	48	
erforming Physical Examination (including observing privacy)	3	12	4	12	4	12	4	12	48	
equesting Investigations	3	12	4	12	4	12	3	12	48	
nterpreting Results	2	12	3	12	3	12	3	12	48	
lanning Management	1	12	2	12	3	12	3	12	48	
1aintaining Follow up	3	12	4	12	4	12	4	12	48	
btaining Informed Consent (Assent in older children as well)	3	12	4	12	4	12	4	12	48	
Pealing with End of Life Issues (e.g. Withholding and Withdrawing Treatment)	1	2	2	2	2	2	3	2	8	
Veclaring Conflict of Interest (including relationship with pharmaceutical industry)	2	2	3	2	4	2	4	2	8	
ntenatal counseling for congenital anomalies	1	2	2	2	3	2	3	2	8	
) Head and Neck Procedures										
xcision of Thyroglossal duct cyst and sinus	2	1	2	1	2	1	2	1	4	
xcision of Branchial cyst and sinus	2	1	2	1	2	1	2	1	4	
elease of Torticollis	2	1	2	1	2	1	2	1	4	
reauricular sinus and cyst excision	2	1	2	1	2	1	2	1	4	
hyroid Surgery (excision of nodule/cyst, partial/complete thyroidectomy etc)	-	-		-	-	-	2	1	1	
racheostomy	-	-	-	-	2	1	2	1	2	
) Plastic Surgery Procedures										
epair of Cleft Lip	2	1	2	1	2	1	2	1	3	
epair of Cleft Palate	2	1	2	1	2	1	2	1	3	
kin Grafting / Flaps	2	1	2	1	2	1	2	1	3	
urns Contracture Release	2	1	2	1	2	1	2	1	3	
urns Wound Debridement	2	2	2	2	3	2	4	2	8	

					ITIKL	TEAR			
PROCEDURES	3 M	onths	6 Mc	onths	9 Mc	onths	12 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
) Thoracic Surgery Procedures									
epair of Oesophageal Atresia (with or without Tracheoesophageal Fistula)	2	-	-	-	2	1	2	1	4
epair of Diaphragmatic Hernia		-	-	-	2	1	2	1	2
lication of Eventration of Diaphragm	-	-	-	-	2	1	2	1	2
ulmonary Lobectomy	-	-	-	-	2	1	2	1	2
xcision of Mediastinal Masses	-	-	-	-	2	1	2	1	2
ecortication of Empyema	-	-		-	-	-	2	1	2
lesophageal Substitution	-	1	2	1	3	1	3	1	1
ube Thoracostomy	2	-	2	1	2	1	2	1	
) Abdominal Procedures									4
astrostomy/Feeding jejunostomy	-	-	2	1	2	1	2	1	3
eostomy	-	2	2	2	2	2	2	1	3
olostomy	2	1	2	1	2	1	2	2	8
losure of Colostomy	2	4	2	4	2	4	2	1	4
aparotomy for	2	1	2	1	2	1	2	4	16
eritonitis									
ntestinal perforation									
angrene / volvulous									
astrointestinal Obstruction									
mall bowel atresia									
leconium ileus									
yloromyotomy									
itussusception									

	THIRD YEAR											
PROCEDURES	3 Mo	onths	6 Mc	onths	9 Mc	onths	12 M	onths	Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
Malrotation/Bands												
Meckel's anomalies												
Duplication cyst												
Mesenteric cyst												
Bowel resection and anastomosis	2	2	2	2	3	1	3	1	4			
Appendectomy	2	1	2	1	2	1	2	1	6			
Operation for Anorectal Malformations	2	1	2	1	2	1	2	1	4			
Anoplasty												
PSARP/ASARP												
Operation for Hirschsprung's Disease	2	-	-	-	-	-	2	1	4			
Rectal biopsy												
Definitive procedure												
Splenectomy	-	-	-	-	2	1	2	1	1			
Choledochal cyst	-	-	-	-	2	1	2	1	2			
Cholecystectomy	-	-	-	-	2	1	2	1	2			
Portoenterostomy	-	-	-	-	2	1	2	1	2			
Hepatic cyst / abscesses etc	-	-	-	-	2	1	2	1	2			
Antireflux procedure (for GERD & Achalasia Cardia)	-	-	-	-	2	1	2	1	2			
Surgery on	-	2	3	2	4	2	4	1	2			
Pancreas (pseudocyst etc)												
Adrenal (cyst/adenoma excision)												
Rectal Polypectomy	2	2	3	2	4	2	4	2	8			
Injection sclerotherapy for Rectal Prolapse	2	1	2	1	2	1	2	2	8			

	THIRD YEAR										
PROCEDURES	3 Mo	onths	6 Mc	onths	9 Months		12 M	onths	Total Cases		
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year		
F) Abdominal Wall / Inguinoscrotal Anomalies											
Repair of Omphalocele and Gastroschisis	2	2	2	2	3	1	3	1	4		
Umbilical anomalies repair	2	2	2	2	3	1	3	1	6		
Inguinal herniotomy	2	2	2	2	3	1	3	1	6		
Ligation of PPV	2	2	2	2	3	1	3	1	6		
G) Genitourinary system											
Orchiopexy	2	-	-	-	2	1	2	1	6		
Torsion Testis / Appendages	-	-	-	-	2	1	2	1	2		
Ovarian cyst excision	-	2	2	2	2	2	2	1	2		
Repair of Hypospadias (single or multi staged procedures including crippled	2	-	-	-	2	1	2	2	8		
hypospadias repair)											
Repair of Epispadias	-	-	-	-	2	1	2	1	2		
Repair of EctopiaVesicae	-	-	-	-	-	-	2	1	2		
Ureter Re implantation	-	-	-	-	2	1	2	1	1		
Vesicostomy	-	1	2	1	2	1	2	1	2		
Suprapubic cystostomy	2	1	2	1	2	1	2	1	4		
Cystolithotomy	2	-	2	1	2	1	2	1	4		
Pyelolithotomy	-	-	-	-	2	1	2	1	3		
Ureterolithotomy		-	2	1	2	1	2	1	2		
Pyeloplasty	-	-	-	-	2	1	2	1	3		
Nephrectomy	-	2	2	2	3	2	3	1	2		
Circumcision	2	-	-	-2	2	1	2	2	8		
Feminine Genitoplasty / Urogenital Sinus anomaly / Vaginal atresia	-	1	2	1	2	1	2	1	2		

	THIRD YEAR										
PROCEDURES	3 M	onths	6 Mc	onths	9 Mc	onths	12 Months		Total Cases		
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year		
H) Endoscopic Procedures											
Bronchoscopy	2	1	2	1	2	1	2	1	4		
Oesophagoscopy& dilatation	2	1	2	1	2	1	2	1	4		
Sigmoidoscopy/colonoscopy	2	1	2	1	2	1	2	1	4		
Gastrodudenoscopy	2	1	2	1	2	1	2	1	4		
Cystoscopy including Fulguration of PUV	2	1	2	1	2	1	2	1	4		
I) Surgical Oncology											
Wilms' Tumour	2	1	2	1	2	1	2	1	4		
SacrococcygealTeratoma	2	1	2	1	2	1	2	1	4		
Neuroblastoma	2	1	2	1	2	1	2	1	4		
Gonadal Tumours (GCTs)	2		-	-	2	1	2	1	4		
Rhabdomyosarcoma	-	1	2	1	2	1	2	1	2		
Lymphomas	2	-	-	-	-	-	2	1	4		
Hepatoblastoma	-	2	2	2	3	2	3	1	1		
J) Traumatology											
Management of Trauma patients according to ATLS protocol	2	1	2	1	2	1	2	2	8		
Laparotomy for	2	2	2	2	2	2	2	1	4		
Penetrating Trauma											
Blunt Trauma											
K) Minimally Invasive Surgery											
Laparoscopy	2	-	-	-	2	1	2	2	8		
Thoracoscopy	-	1	2	1	2	1	2	1	2		

					THIRD	YEAR			
PROCEDURES	3 Mc	onths	6 Mc	onths	9 Mc	onths	12 M	onths	Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
L) Neurosurgical Procedures									
Repair of Neural Tube Defects (Myelomeningocele, Encephalocele)	2	1	2	1	2	1	2	1	4
VP shunt for Hydrocephalus									
M) Musculoskeletal Surgery	2	1	2	1	2	1	2	1	4
TalipesEquinovarus surgery and splint application	2	1	2	1	2	1	2	1	4
Arthrotomy/drainage	2	1	2	1	2	1	2	1	4
Osteomyelitis drainage of pus	2	1	2	1	2	1	2	1	4
Hip spica application	2	2	2	2	2	2	2	1	2
Application of POP cast for Fractures	2	1	2	1	3	1	3	2	8
N) Miscellaneous Procedures									
Excision of superficial lumps	2	2	3	2	4	2	4	1	4
Drainage of deep abscesses	3	2	3	2	4	2	4	2	8
Lymph node Biopsy	2	1	2	1	2	1	2	2	8
Cystic Hygroma (excision /Sclerotherapy)	2	1	2	1	2	1	2	1	4
Haemangioma (Sclerotherapy/excision)	2	1	2	1	2	1	2	1	4
Central line Insertion	2	1	2	1	2	1	2	1	4

	FOURTH YEAR											
PROCEDURES	15 M	onths	18 M	onths	21 M	onths	24 Months		Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
A) Patient Management												
Taking Pertinent History (observing respect for dignity of patients and confidentiality)	4	12	4	12	4	12	4	12	48			
Performing Physical Examination (including observing privacy)	4	12	4	12	4	12	4	12	48			
Requesting Investigations	4	12	4	12	4	12	4	12	48			
Interpreting Results	4	12	4	12	4	12	4	12	48			
Planning Management	4	12	4	12	4	12	4	12	48			
Maintaining Follow up	4	12	4	12	4	12	4	12	48			
Obtaining Informed Consent (Assent in older children as well)	4	12	4	12	4	12	4	12	48			
Dealing with End of Life Issues (e.g. Withholding and Withdrawing Treatment)	4	2	4	2	4	2	4	2	8			
Declaring Conflict of Interest (including relationship with pharmaceutical industry)	4	2	4	2	4	2	4	2	8			
Antenatal counseling for congenital anomalies	4	2	4	2	4	2	4	2	8			
B) Head and Neck Procedures												
Excision of Thyroglossal duct cyst and sinus	2	1	2	1	3	1	3	1	4			
Excision of Branchial cyst and sinus	2	1	2	1	3	1	3	1	4			
Release of Torticollis	2	1	2	1	3	1	3	1	4			
Preauricular sinus and cyst excision	2	1	2	1	3	1	3	1	4			
Thyroid Surgery (excision of nodule/cyst, partial/complete thyroidectomy etc)	2	1	2	1	2	1	2	1	4			
Tracheostomy	2	1	2	1	3	1	3	1	4			
C) Plastic Surgery Procedures												
Repair of Cleft Lip	2	1	2	1	2	1	3	1	4			
Repair of Cleft Palate	2	1	2	1	2	1	3	1	4			
Skin Grafting / Flaps	2	1	2	1	2	1	3	1	4			
Burns Contracture Release	2	1	2	1	2	1	3	1	4			
Burns Wound Debridement	3	2	4	2	4	2	4	2	8			

	FOURTH YEAR											
PROCEDURES	15 M	onths	18 Months		21 Months		24 Months		Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
D) Thoracic Surgery Procedures												
Repair of Oesophageal Atresia (with or without Tracheoesophageal Fistula)	2	1	2	1	2	1	3	1	4			
including oesophagostomy												
Repair of Diaphragmatic Hernia	2	1	2	1	2	1	3	1	4			
Plication of Eventration of Diaphragm	2	1	2	1	2	1	3	1	4			
Pulmonary Lobectomy	2	1	2	1	2	1	2	1	4			
Excision of Mediastinal Masses	2	1	2	1	2	1	2	1	4			
Decortication of Empyema	2	1	2	1	2	1	3	1	4			
Oesophageal Substitution	2	1	2	1	2	1	2	1	4			
Tube Thoracostomy	3	2	4	2	4	2	4	2	8			
E) Abdominal Procedures												
Gastrostomy/Feeding jejunostomy	2	1	3	1	3	1	4	1	4			
lleostomy	2	1	3	1	3	1	4	1	4			
Colostomy	3	1	3	1	4	1	4	1	4			
Closure of Colostomy	2	1	3	1	3	1	4	1	4			
Laparotomy for	3	3	3	3	4	2	4	2	10			
Peritonitis												
Intestinal perforation												
Gangrene / volvulous												
Gastrointestinal Obstruction												
Small bowel atresia												
Meconium ileus												
Pyloromyotomy												
Intussusception												

		FOURTH YEAR											
PROCEDURES	15 M	onths	18 M	onths	21 Months		24 Months		Total Cases				
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year				
Malrotation/Bands													
Meckel's anomalies													
Duplication cyst													
Mesenteric cyst													
Bowel resection and anastomosis	2	1	3	1	3	1	3	1	4				
Appendectomy	3	2	4	2	4	2	4	2	8				
Operation for Anorectal Malformations	2	2	3	1	3	1	3	1	5				
Anoplasty													
PSARP/ASARP													
Operation for Hirschsprung's Disease	2	2	3	1	3	1	3	1	5				
Rectal biopsy													
Definitive procedure													
Splenectomy		-	-	-	2	1	2	1	2				
Choledochal cyst	2	1	2	1	2	1	3	1	4				
Cholecystectomy	2	1	3	1	3	1	3	1	4				
Portoenterostomy	2	1	2	1	2	1	3	1	4				
Hepatic cyst / abscesses etc	2	1	2	1	2	1	3	1	4				
Antireflux procedure (for GERD & Achalasia Cardia)	2	1	2	1	2	1	3	1	4				
Surgery on	2	1	2	1	2	1	3	1	4				
Pancreas (pseudocyst etc)													
Adrenal (cyst/adenoma excision)													
Rectal Polypectomy	4	2	4	2	4	2	4	2	8				
Injection sclerotherapy for Rectal Prolapse	4	2	4	2	4	2	4	2	8				

	FOURTH YEAR											
PROCEDURES	15 M	onths	18 M	onths	21 Months		24 Months		Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
F) Abdominal Wall / Inguinoscrotal Anomalies												
Repair of Omphalocele and Gastroschisis	2	1	3	1	3	1	4	1	4			
Umbilical anomalies repair	3	1	3	1	4	1	4	1	4			
Inguinal herniotomy	3	2	3	2	4	2	4	2	8			
Ligation of PPV	3	2	3	2	4	2	4	2	8			
G) Genitourinary system												
Orchiopexy	3	2	3	2	4	2	4	2	8			
Torsion Testis / Appendages	3	1	3	1	4	1	4	1	4			
Ovarian cyst excision	2	1	3	1	3	1	4	1	4			
Repair of Hypospadias (single or multi staged procedures including crippled	2	1	3	1	3	1	4	1	4			
hypospadias repair)												
Repair of Epispadias	2	1	2	1	3	1	3	1	4			
Repair of EctopiaVesicae	2	1	2	1	2	1	3	1	4			
Ureter Re implantation	2	1	2	1	2	1	3	1	4			
Vesicostomy	3	1	3	1	4	1	4	1	4			
Suprapubic cystostomy	3	1	3	1	4	1	4	1	4			
Cystolithotomy	3	1	3	1	4	1	4	1	4			
Pyelolithotomy	2	1	3	1	3	1	3	1	4			
Ureterolithotomy	2	1	3	1	3	1	3	1	4			
Pyeloplasty	2	1	3	1	3	1	3	1	4			
Nephrectomy	2	1	3	1	3	1	3	1	4			
Circumcision	4	2	4	2	4	2	4	2	8			
Feminine Genitoplasty / Urogenital Sinus anomaly / Vaginal atresia	2	1	2	1	3	1	3	1	4			

				F	OURT	H YEAR	}		
PROCEDURES	15 M	onths	18 Months		21 Months		24 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
H) Endoscopic Procedures									
Bronchoscopy	3	1	3	1	3	1	4	1	4
Oesophagoscopy& dilatation	3	1	3	1	3	1	4	1	4
Sigmoidoscopy/colonoscopy	3	1	3	1	3	1	4	1	4
Gastrodudenoscopy	3	1	3	1	3	1	4	1	4
Cystoscopy including Fulguration of PUV	3	1	3	1	3	1	4	1	4
I) Surgical Oncology									
Wilms' Tumour	2	1	2	1	3	1	3	1	4
SacrococcygealTeratoma	2	1	2	1	3	1	3	1	4
Neuroblastoma	2	1	2	1	3	1	3	1	4
Gonadal Tumours (GCTs)	2	1	2	1	3	1	3	1	4
Rhabdomyosarcoma	2	1	2	1	3	1	3	1	4
Lymphomas	2	1	2	1	3	1	3	1	4
Hepatoblastoma	2	1	2	1	2	1	2	1	4
J) Traumatology									
Management of Trauma patients according to ATLS protocol	3	2	4	2	4	2	4	2	8
Laparotomy for	2	1	2	1	3	1	3	1	4
Penetrating Trauma									
Blunt Trauma									
K) Minimally Invasive Surgery									
Laparoscopy	2	1	2	1	3	1	3	1	4
Thoracoscopy	2	1	2	1	3	1	3	1	4

				F	ourti	I YEAF	}		
PROCEDURES	15 M	15 Months		18 Months		onths	24 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
L) Neurosurgical Procedures									
Repair of Neural Tube Defects (Myelomeningocele, Encephalocele)	3	1	3	1	3	1	3	1	4
VP shunt for Hydrocephalus	3	1	3	1	3	1	3	1	4
M) Musculoskeletal Surgery									
TalipesEquinovarus surgery and splint application	3	1	3	1	3	1	3	1	4
Arthrotomy/drainage	3	1	3	1	3	1	3	1	4
Osteomyelitis drainage of pus	3	1	3	1	3	1	3	1	4
Hip spica application	3	1	3	1	4	1	4	1	4
Application of POP cast for Fractures	3	1	3	1	4	1	4	1	4
N) Miscellaneous Procedures									
Excision of superficial lumps	3	2	4	2	4	2	4	2	8
Drainage of deep abscesses	4	2	4	2	4	2	4	2	8
Lymph node Biopsy	4	2	4	2	4	2	4	2	8
Cystic Hygroma (excision /Sclerotherapy)	3	2	4	2	4	2	4	2	8
Haemangioma (Sclerotherapy/excision)	3	2	4	2	4	2	4	2	8
Central line Insertion	3	2	4	2	4	2	4	2	8

					FIFTH	YEAR			
PROCEDURES	27 M	onths	30 Months		33 Months		36 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
A) Patient Management									
Taking Pertinent History (observing respect for dignity of patients and confidentiality)	4	12	4	12	4	12	4	12	48
Performing Physical Examination (including observing privacy)	4	12	4	12	4	12	4	12	48
Requesting Investigations	4	12	4	12	4	12	4	12	48
Interpreting Results	4	12	4	12	4	12	4	12	48
Planning Management	4	12	4	12	4	12	4	12	48
Maintaining Follow up	4	12	4	12	4	12	4	12	48
Obtaining Informed Consent (Assent in older children as well)	4	12	4	12	4	12	4	12	48
Dealing with End of Life Issues (e.g. Withholding and Withdrawing Treatment)	4	4	4	4	4	4	4	4	16
Declaring Conflict of Interest (including relationship with pharmaceutical industry)	4	4	4	4	4	4	4	4	16
Antenatal counseling for congenital anomalies	4	4	4	4	4	4	4	4	16
B) Head and Neck Procedures									
Excision of Thyroglossal duct cyst and sinus	4	1	4	1	4	1	4	1	4
Excision of Branchial cyst and sinus	4	1	4	1	4	1	4	1	4
Release of Torticollis	4	1	4	1	4	1	4	1	4
Preauricular sinus and cyst excision	4	1	4	1	4	1	4	1	4
Thyroid Surgery (excision of nodule/cyst, partial/complete thyroidectomy etc)	3	1	3	1	3	1	4	1	4
Tracheostomy	4	1	4	1	4	1	4	1	4
C) Plastic Surgery Procedures									
Repair of Cleft Lip	3	1	3	1	4	1	4	1	4
Repair of Cleft Palate	3	1	3	1	4	1	4	1	4
Skin Grafting / Flaps	3	1	3	1	4	1	4	1	4
Burns Contracture Release	3	1	3	1	4	1	4	1	4
Burns Wound Debridement	4	4	4	4	4	4	4	4	16

					FIFTH	YEAR			
PROCEDURES	27 M	onths	30 M	onths	33 M	onths	36 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
D) Thoracic Surgery Procedures									
Repair of Oesophageal Atresia (with or without Tracheoesophageal Fistula)	3	1	3	1	4	1	4	1	4
including oesophagostomy									
Repair of Diaphragmatic Hernia	3	1	3	1	4	1	4	1	4
Plication of Eventration of Diaphragm	3	1	3	1	4	1	4	1	4
Pulmonary Lobectomy	3	1	3	1	3	1	4	1	4
Excision of Mediastinal Masses	3	1	3	1	3	1	4	1	4
Decortication of Empyema	3	1	3	1	4	1	4	1	4
Oesophageal Substitution	2	1	2	1	2	1	3	1	4
Tube Thoracostomy	4	4	4	4	4	4	4	4	16
E) Abdominal Procedures									
Gastrostomy/Feeding jejunostomy	3	1	4	1	4	1	4	1	4
lleostomy	4	1	4	1	4	1	4	1	8
Colostomy	4	2	4	2	4	3	4	3	10
Closure of Colostomy	3	2	4	2	4	2	4	2	8
Laparotomy for	4	4	4	4	4		4	4	16
Peritonitis									
Intestinal perforation									
Gangrene / volvulous									
Gastrointestinal Obstruction									
Small bowel atresia									
Meconium ileus									
Pyloromyotomy									
Intussusception									

		FIFTH YEAR											
PROCEDURES	27 M	onths	30 Months		33 Months		36 Months		Total Cases				
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year				
Malrotation/Bands													
Meckel's anomalies													
Duplication cyst													
Mesenteric cyst													
Bowel resection and anastomosis	3	2	4	1	4	1	4	1	5				
Appendectomy	4	2	4	2	4	2	4	2	8				
Operation for Anorectal Malformations	3	2	4	1	4	1	4	1	5				
Anoplasty													
PSARP/ASARP													
Operation for Hirschsprung's Disease	3	1	3	1	4	1	4	1	4				
Rectal biopsy	922												
Definitive procedure													
Splenectomy	3	1	3	1	4	1	4	1	4				
Choledochal cyst	2	1	3	1	3	1	4	1	4				
Cholecystectomy	3	1	4	1	4	1	4	1	4				
Portoenterostomy	2	1	3	1	3	1	4	1	4				
Hepatic cyst / abscesses etc	3	1	4	1	4	1	4	1	4				
Antireflux procedure (for GERD & Achalasia Cardia)	3	1	4	1	4	1	4	1	4				
Surgery on	3	1	4	1	4	1	4	1	4				
Pancreas (pseudocyst etc)													
Adrenal (cyst/adenoma excision)													
Rectal Polypectomy	4	2	4	2	4	2	4	2	8				
Injection sclerotherapy for Rectal Prolapse	4	2	4	2	4	2	4	2	8				

	FIFTH YEAR											
PROCEDURES	27 M	onths	30 M	onths	33 Months		36 Months		Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
F) Abdominal Wall / Inguinoscrotal Anomalies												
Repair of Omphalocele and Gastroschisis	3	1	4	1	4	1	4	1	4			
Umbilical anomalies repair	4	1	4	1	4	1	4	1	4			
Inguinal herniotomy	4	2	4	2	4	2	4	2	8			
Ligation of PPV	4	2	4	2	4	2	4	2	8			
G) Genitourinary system												
Orchiopexy	4	2	4	2	4	2	4	2	8			
Torsion Testis / Appendages	4	1	4	1	4	1	4	1	4			
Ovarian cyst excision	3	1	4	1	4	1	4	1	4			
Repair of Hypospadias (single or multi staged procedures including crippled	3	1	4	1	4	1	4	1	4			
hypospadias repair)												
Repair of Epispadias	3	1	3	1	3	1	4	1	4			
Repair of EctopiaVesicae												
Ureter Re implantation	3	1	3	1	3	1	4	1	4			
Vesicostomy	3	1	3	1	3	1	4	1	4			
Suprapubic cystostomy	4	2	4	2	4	2	4	2	8			
Cystolithotomy	4	2	4	2	4	2	4	2	8			
Pyelolithotomy	3	1	3	1	4	1	4	1	4			
Ureterolithotomy	3	1	3	1	4	1	4	1	4			
Pyeloplasty	3	1	3	1	4	1	4	1	4			
Nephrectomy	3	1	3	1	4	1	4	1	4			
Circumcision	4	2	4	2	4	2	4	2	8			
Feminine Genitoplasty / Urogenital Sinus anomaly / Vaginal atresia	3	1	3	1	4	1	4	1	4			

				-	FIFTH	YEAR			
PROCEDURES	27 M	onths	30 Months		33 Months		36 Months		Total Cases
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year
H) Endoscopic Procedures									
Bronchoscopy	3	2	4	2	4	2	4	2	8
Oesophagoscopy& dilatation	3	2	4	2	4	2	4	2	8
Sigmoidoscopy/colonoscopy	3	2	4	2	4	2	4	2	8
Gastrodudenoscopy	3	2	4	2	4	2	4	2	8
Cystoscopy including Fulguration of PUV	3	2	4	1	4	1	4	1	5
I) Surgical Oncology									
Wilms' Tumour	3	1	4	1	4	1	4	1	4
SacrococcygealTeratoma	3	1	4	1	4	1	4	1	4
Neuroblastoma	3	1	4	1	4	1	4	1	4
Gonadal Tumours (GCTs)	3	1	4	1	4	1	4	1	4
Rhabdomyosarcoma	3	1	3	1	4	1	4	1	4
Lymphomas	3	1	4	1	4	1	4	1	4
Hepatoblastoma	2	1	2	1	3	1	3	1	4
J) Traumatology									
Management of Trauma patients according to ATLS protocol	4	3	4	3	4	3	4	3	12
Laparotomy for	4	1	4	1	4	1	4	1	4
Penetrating Trauma									
Blunt Trauma									
K) Minimally Invasive Surgery									
Laparoscopy	3	1	4	1	4	1	4	1	4
Thoracoscopy	3	1	3	1	4	1	4	1	4

	FIFTH YEAR											
PROCEDURES	27 M	27 Months		30 Months		onths	36 Months		Total Cases			
	Level	Cases	Level	Cases	Level	Cases	Level	Cases	Third Year			
L) Neurosurgical Procedures			-									
Repair of Neural Tube Defects (Myelomeningocele, Encephalocele)	4	1	4	1	4	4	4	1	4			
VP shunt for Hydrocephalus	4	1	4	1	4	4	4	1	4			
M) Musculoskeletal Surgery												
TalipesEquinovarus surgery and splint application	4	1	4	1	4	4	4	1	4			
Arthrotomy/drainage	4	1	4	1	4	4	4	1	4			
Osteomyelitis drainage of pus	4	1	4	1	4	4	4	1	4			
Hip spica application	4	1	4	1	4	1	4	1	4			
Application of POP cast for Fractures	4	2	4	2	4	2	4	2	8			
N) Miscellaneous Procedures												
Excision of superficial lumps	4	2	4	2	4	2	4	2	8			
Drainage of deep abscesses	4	2	4	2	4	2	4	2	8			
Lymph node Biopsy	4	2	4	2	4	2	4	2	8			
Cystic Hygroma (excision /Sclerotherapy)	4	2	4	2	4	2	4	2	8			
Haemangioma (Sclerotherapy/excision)	4	2	4	2	4	2	4	2	8			
Central line Insertion	4	2	4	2	4	2	4	2	8			