

Contents

PART I HEAD and NECK

Chapter 1	Thyroglossal Duct Cyst	3
	Michael E. Höllwarth	
Chapter 2	Branchial Cysts and Sinus	7
	Michael E. Höllwarth	
Chapter 3	Cystic Hygroma	13
	Baird M. Smith, Craig T. Albanese	
Chapter 4	Tracheostomy	19
	Thom E. Lobe	

PART II OESOPHAGUS

Chapter 5	Oesophageal Atresia	29
	Michael E. Höllwarth, Paola Zaupa	
Chapter 6	Gastro-oesophageal Reflux and Hiatus Hernia	49
	Keith E. Georgeson	
Chapter 7	Achalasia	61
	Paul K. H. Tam	
Chapter 8	Colonic Replacement of the Oesophagus	67
	Alaa Hamza	
Chapter 9	Gastric Transposition for Oesophageal Replacement	77
	Lewis Spitz	

PART III CHEST

Chapter 10	Thoracoscopy	89
	Klaas Bax	
Chapter 11	Repair of Pectus Excavatum	97
	Robert C. Shamberger	
Chapter 12	Pulmonary Malformations	107
	Brian T. Sweeney, Keith T. Oldham	
Chapter 13	Congenital Diaphragmatic Hernia and Eventration	115
	Prem Puri	

Chapter 14	Extracorporeal Membrane Oxygenation	125
	Jason S. Frischer, Charles J.H. Stolar	

PART IV ABDOMEN

Chapter 15	Hernias – Inguinal, Umbilical, Epigastric, Femoral and Hydrocele	139
	Juan A. Tovar	
Chapter 16	Omphalocele	153
	Stig Somme, Jacob C. Langer	
Chapter 17	Gastroschisis	161
	Marshall Z. Schwartz	
Chapter 18	Hypertrophic Pyloric Stenosis	171
	Takao Fujimoto	
Chapter 19	Gastrostomy	181
	Michael W.L. Gauderer	
Chapter 20	Malrotation	197
	Agostino Pierro, Evelyn GP Ong	
Chapter 21	Duodenal Obstruction	203
	Yechiel Sweed	
Chapter 22	Jejuno-ileal Atresia	213
	Heinz Rode, Alastair J. W. Millar	
Chapter 23	Meconium Ileus	229
	Massimo Rivosecchi	
Chapter 24	Gastrointestinal Duplications	239
	Mark D. Stringer	
Chapter 25	Short Bowel Syndrome	257
	Michael E. Höllwarth	
Chapter 26	Hirschsprung's Disease	275
	Prem Puri	
Chapter 27	Anorectal Anomalies	289
	Alberto Peña, Marc A. Levitt	
Chapter 28	Intussusception	313
	Karl-Ludwig Waag	
Chapter 29	Appendectomy	321
	Vincenzo Jasonni	

Chapter 30	Omphalomesenteric Duct Remnants	327
	David Lloyd	
Chapter 31	Ulcerative Colitis	333
	Risto J. Rintala	
Chapter 32	Crohn's Disease	347
	Risto J. Rintala	

PART V LIVER, PANCREAS AND SPLEEN

Chapter 33	Biliary Atresia	357
	Ryoji Ohi, Masaki Nio	
Chapter 34	Choledochal Cyst	371
	Takeshi Miyano, Masahiko Urao, Atsuyuki Yamataka	
Chapter 35	Cholecystectomy	387
	Thom E. Lobe	
Chapter 36	Surgery for Persistent Hyperinsulinaemic Hypoglycaemia of Infancy	395
	Lewis Spitz	
Chapter 37	Splenectomy	403
	Peter Borzi	

PART VI SPINA BIFIDA AND HYDROCEPHALUS

Chapter 38	Spina Bifida	413
	Martin T. Corbally	
Chapter 39	Hydrocephalus	419
	Kai Arnell, Leif Olsen, Tomas Wester	
Chapter 40	Dermal Sinus	427
	Andrew B. Pinter	

PART VII TUMOURS

Chapter 41	Sacroccygeal Teratoma	435
	Kevin C. Pringle	
Chapter 42	Neuroblastoma	443
	Edward Kiely	
Chapter 43	Wilms Tumour	451
	Robert Carachi	

Chapter 44	Liver Tumours	459
	Wendy T. Su, Michael P. La Quaglia	
Chapter 45	Testicular Tumours	477
	Jonathan Ross	

PART VIII UROLOGY

Chapter 46	Pyeloplasty	485
	Boris Chertin, Prem Puri	
Chapter 47	Endoscopic Treatment of Vesicoureteral Reflux	493
	Prem Puri	
Chapter 48	Vesicoureteral Reflux – Surgical Treatment	499
	Jack S. Elder	
Chapter 49	Ureteric Duplication	515
	Claude C. Schulman	
Chapter 50	Posterior Urethral Valves	523
	Chester J. Koh, David A. Diamond	
Chapter 51	Hypospadias	529
	Pierre Mouriquand, Pierre-Yves Mure	
Chapter 52	Phimosis and Buried Penis	543
	Peter Cuckow	
Chapter 53	Orchidopexy	555
	John M. Hutson	
Chapter 54	Variocoele	569
	Michael E. Höllwarth	
Chapter 55	Genitoplasty for Congenital Adrenal Hyperplasia	577
	Amicur Farkas	
Chapter 56	Bladder Exstrophy and Epispadias	589
	Dominic Frimberger, John P. Gearhart	
Chapter 57	Cloacal Exstrophy	607
	Duncan Wilcox, Manoj Shenoy	
Chapter 58	Augmentation Cystoplasty and Appendicovesicostomy (Mitrofanoff Principle)	613
	Boris Chertin	
Chapter 59	The ACE (Antegrade Continence Enema) Procedure	623