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Titolo	Neonatal Surgery [[electronic resource]] : Contemporary Strategies from Fetal Life to the First Year of Age // edited by Mario Lima, Olivier Reinberg
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ISBN	3-319-93534-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (706 pages)
Disciplina	617.98
Soggetti	Pediatric surgery Pediatrics Pediatric Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	What is a neonatal surgeon -- General: Perinatal physiology and general clinical characteristics of newborns. Perinatal management and care of surgical neonates (include nutritional support). Anesthesiological considerations: stabilization of the neonate, fluid administration, electrolyte balance, vascular access, ECMO, bronchoscopy, pain in neonates. Imaging in neonates. Training in neonatal surgery and simulation models. Minimal invasive surgery in the neonate -- Head and Neck: Choanal atresia. Facial clefts and Pierre Robin Sequence. Macroglossia. Congenital cysts and sinuses of the neck -- Chest: Congenital thoracic deformities. Mediastinal masses. Pneumothorax and chylothorax. Congenital malformations of the lung. Congenital diaphragmatic hernia. Esophageal atresia and congenital stenosis -- Gastrointestinal: Gastro-esophageal reflux. Hypertrophic pyloric stenosis and other pyloric affections. Gastric volvulus. Intestinal atresias and stenosis. Meconium ileus and peritonitis. Duplications of the alimentary tract. Mesenteric and omental cysts. Necrotizing enterocolitis. Hirschsprung's disease. Anorectal malformations. Congenital pouch colon. Inguinal hernia, cysts, hydroceles. Malrotations and volvulus -- Liver and Biliary Tract: Biliary atresia. Hepatic cysts. Choledocal cyst and congenital biliary dilatation. Anterior

Abdominal Wall Defects: Omphalocele and gastroschisis. Omphalomesenteric duct remnants. Bladder exstrophy. Cloacal exstrophy. Prune belly syndrome -- Tumors: General considerations. Teratoma: cervical and sacrococcygeal. Neuroblastoma. Hepatic tumors. Wilms' tumor. Neonatal ovarian tumors -- Genitourinary: Hydronephrosis. Multicystic dysplastic kidney. Vesico-ureteral reflux. Ureterocele. Posterior urethral valves. Hydrometrocolpos. DSD. Male genital anomalies. Nervous System: Surgical treatment of central nervous system malformations. Congenital CNS tumors -- Miscellaneous: Angioma and vascular tumors. Use of the Vacuum Assisted Closure.

Sommario/riassunto

This comprehensive, up-to-date reference on surgery in the neonate presents and explains the latest developments in the diagnosis and treatment of neonatal malformations and surgical pathologies. The coverage includes conditions involving the head and neck and the chest, disorders of the liver and biliary tract, gastrointestinal disorders, genitourinary conditions and malformations, anterior abdominal wall defects, tumors, and various other pathologies. For each condition, the pathogenesis and the most current and innovative surgical, and also medical, approaches are described with the aid of numerous illustrations. Minimally invasive strategies receive particular attention, and tips and tricks that will be of value in clinical practice are highlighted. The book includes a general part covering topics such as embryology, anatomy, prenatal diagnosis, and anesthesia and also provides detailed advice on pre- and postoperative care, with special consideration of nutritional problems. Neonatal Surgery will serve as an excellent guide for all pediatric and neonatal surgeons, whether in training or experienced.
