

1. Record Nr.	UNINA9910731462603321
Autore	Riccabona M (Michael)
Titolo	Imaging in Neonates // edited by Michael Riccabona
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-15729-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (480 pages)
Disciplina	618.9200754
Soggetti	Radiology Pediatrics Children - Surgery Critical care medicine Radiography, Medical Pediatric Surgery Intensive Care Medicine Radiography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Clinical basics and remarks: Why and when do neonatologists need imaging -- Prenatal imaging: What a neonatologist might like to know -- Postnatal imaging in babies with prenatally diagnosed malformations or conditions -- Pre-and postoperative imaging in neonates -- Image guided interventions in newborns -- Neonatal neuroimaging -- Chest and lung imaging in preterms and neonates -- Imaging in the neonatal heart -- Urogenital radiology in neonates -- Imaging the neonatal gastrointestinal tract -- How to image the neonatal musculoskeletal tract -- Neonatal imaging in syndromic or metabolic and inherited disease, hormonal conditions, and other systemic diseases -- Imaging after birth trauma and in suspected non-accidental or inflicted injury.
Sommario/riassunto	This book provides a concise overview of neonatal imaging. After a short clinical introduction on the crucial role of imaging in diagnosing and treating neonatal conditions, it discusses the various methods (ultrasound, digital radiography, fluoroscopy, CT, and MRI) available

and explains in detail how they have to be adapted for neonatal applications. Chapters feature imaging findings and differential diagnoses for the most common neonatal conditions. Additionally, some relevant aspects of foetal imaging are presented. Written by an interdisciplinary team, *Imaging in Neonates* is a practical resource for daily use in the ward for all medical professionals involved in treating neonates. .

---