

1. Record Nr.	UNINA9910350226503321
Titolo	Atlas of Pediatric Cataract // edited by Sudarshan Kumar Khokhar, Chirakshi Dhull
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-6939-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (157 pages)
Disciplina	617.742
Soggetti	Ophthalmology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Morphology of pediatric cataract -- Visually insignificant cataract -- Hereditary cataract -- Metabolic cataract -- Persistent fetal vasculature -- Pre-existing posterior capsular defect -- Subluxated lens -- Spherophakia -- Traumatic cataract -- Uveitic and complicated cataract -- TORCH/ rubella cataract -- Anterior segment dysgenesis -- Cataract in buphthalmic eye -- Cataract associated with retinopathy of prematurity (ROP) -- Miscellaneous conditions with cataract (drug induced, radiation induced, albinism, aniridia) -- Role of investigative modalities in planning surgery -- Stepwise surgical treatment of pediatric cataract -- Visual axis opacification.
Sommario/riassunto	This book highlights various pediatric cataracts and their clinical presentations, along with a wealth of high-quality images collected over two decades. Offering a precise guide to illustrative interventions, it contains images collected pre-operatively, intra-operatively and post-operatively using slit lamp or microscope integrated cameras. The book covers congenital, developmental and traumatic cataracts, along with other rare morphologies. It presents selected challenging clinical situations, along with surgical management steps that draw on high-quality images. Separate chapters address recent advances in the field of pediatric cataracts, e.g. ultrasound biomicroscopy, lenticular abnormalities, intraoperative rhexis assistant, plasma blade/ diathermy, vascular cautery in cases of persistent fetal vasculature, operative room aberrometry, and optiwave refractive analysis. Given its scope, the book offers a valuable resource for practicing general and

pediatric ophthalmologists, researchers and students alike. .
