

1. Record Nr.	UNINA9910407734403321
Titolo	Pediatric Cataract Surgery and IOL Implantation : A Case-Based Guide / / edited by Courtney L. Kraus
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-38938-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (272 pages)
Disciplina	618.9289
Soggetti	Pediatrics Ophthalmology Cataractes Oftalmologia pediàtrica Cirurgia ocular Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1: Approach to Lens opacities -- Cataract epidemiology & genetics -- Non-visually significant cataracts -- Unilateral congenital cataracts -- Bilateral congenital cataracts -- Secondary/Acquired cataracts -- Pre-operative examination -- Pre-operative counseling -- Part 2: Surgery -- Surgical steps - Calculation of IOL power -- Post-operative care -- Part 3: Correcting Surgically-Induced Aphakia -- Contact Lenses -- Aphakic glasses -- Part 4: Correcting Surgically-Induced Aphakia - Intraocular Lens Placement -- Primary intraocular lens placement -- Refractive targets -- Multifocal and Accommodative IOLs -- Polypseudophakia ("Piggyback IOLs") -- Secondary intraocular lens placement -- IOL exchange -- Part 5: Correcting Surgically-Induced Aphakia - Special considerations in IOL implantation -- IOL placement without capsular support -- IOL placement in the setting of trauma -- IOL placement in the uveitic patient -- IOL placement in the setting of glaucoma -- IOL placement in the abnormal anterior segment -- IOL placement in developmentally delayed patients -- Cataract surgery in the developing world.

Pediatric Cataract Surgery and IOL Implantation: A Case Based Guide is a must-have resource for ophthalmologists, surgeons, residents, and fellows who work with pediatric cataracts and their surgical management as well as ancillary readers such as parents or supportive caregivers to a child with cataracts. This book offers a comprehensive overview of the epidemiology of pediatric cataract surgery and IOL considerations and implantation. It addresses pre-operative considerations and examinations as well as surgical steps and techniques for various pediatric cataract conditions. Chapters begin with an introduction and are followed by discussions that offer countering viewpoints and case studies. In addition, chapters illustrate the complexity of the management of pediatric lens opacities. The book closes with a case-based approach to special considerations in IOL implantation: including considerations in the uveitic patient, placement without capsular support, and cataract surgery in the developing world. Providing thoughtful chapters that seek to expand on the currently available literature without redundancy, this book a solid companion piece to any other text discussing pediatric cataracts.

---