

1. Record Nr.	UNINA9910424946903321
Autore	Sng Chelvin C. A
Titolo	Minimally Invasive Glaucoma Surgery // edited by Chelvin C. A. Sng, Keith Barton
Pubbl/distr/stampa	Springer Nature, 2021 Singapore : , : Springer Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-5632-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (IX, 204 p. 148 illus., 141 illus. in color.)
Disciplina	617.7
Soggetti	Ophthalmology Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Overview of micro-invasive glaucoma surgery -- Anatomy of aqueous outflow drainage pathways -- MIGS: iStent Trabecular Microbypass Stent and iStent Inject -- MIGS: Ab Interno Trabeculotomy (Trabectome) -- MIGS: Hydrus -- MIGS: XEN Implant -- MIGS: Microshunt -- MIGS: Cypass and iStent Supra -- MIGS: new modalities of cycloablation and high-intensity focused ultrasound -- Controversies in the use of MIGS -- Globalization of MIGS.
Sommario/riassunto	The book is provided open access under a CC BY 4.0 license. This book covers all aspects of minimally invasive glaucoma surgery (MIGS) and provides detailed information on each MIGS device, including its mechanism of action; patient selection; implantation techniques; post-operative management; and a review of the existing literature. Step-by-step descriptions are provided for the surgical technique used in implanting each MIGS device, accompanied by clear photographs of each surgical stage. Other areas covered include intra-operative gonioscopy (with tips on optimising the view of the anterior chamber angle) and the management of the intra-operative and post-operative complications. Essential information on the anatomy and physiology of the different aqueous outflow pathways is also included. A separate chapter addresses the introduction of MIGS globally, including the consideration of different reimbursement environments and the different types of glaucoma, e.g. angle closure glaucoma. This book

will assist both glaucoma surgeons and general ophthalmologists in overcoming the learning curve involved in performed MIGS, by providing valuable and practical clinical pearls.

---