In this volume of Developments in Ophthalmology, a panel of renowned glaucoma surgeons reports its findings and the updated evidence-based literature data on indications, outcomes, pearls and pitfalls of techniques in which they all have an un-disputable ‘hands-on’ everyday experience. 

The publication begins with chapters on conventional procedures, i.e. trabeculectomy (still the gold standard), deep sclerectomy, and glaucoma drainage device implantation explicitly focusing on postoperative management. The role of the ocular surface in glaucoma surgery and the issue of wound healing and its modulation through antimetabolites are further discussed. In the second part, the attention shifts to new techniques which still have a marginal role, but are promising for particular indications. In the last part, the greatest challenges of glaucoma surgery such as the surgical approach to angle closure, concomitant glaucoma and cataract as well as pediatric glaucoma are discussed in detail. Finally, the last chapter is dedicated to cyclodestructive techniques. 

This volume is recommended to glaucoma surgeons and glaucoma specialists seeking information on the best therapy for their patients, but also to general ophthalmologists who refer their patients for surgery or follow them up afterwards.
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This book shows how vitamin A deficiency – before the vitamin was known to scientists – affected millions of people throughout history. It is a story of sailors and soldiers, penniless mothers, orphaned infants, and young children left susceptible to blindness and fatal infections. We also glimpse the fortunate ones who, with ample vitamin A-rich food, escaped this elusive stalker. Why were people going blind and dying? To unravel this puzzle, scientists around the world competed over the course of a century. Their persistent efforts led to the identification of vitamin A and its essential role in health. As a primary focus of today’s international public health efforts, vitamin A has saved hundreds of thousands of lives. But, we discover, they could save many more were it not for obstacles erected by political and ideological zealots who lack a historical perspective of the problem.

Although exhaustively researched and documented, this book is written for intellectually curious lay readers as well as for specialists. Public health professionals, nutritionists, and historians of science and medicine have much to learn from this book about the cultural and scientific origins of their disciplines. Likewise, readers interested in military and cultural history will learn about the interaction of health, society, science, and politics. The author’s presentation of vitamin A deficiency is likely to become a classic case study of health disparities in the past as well as the present.

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