

Video Atlas of Strabismus Surgery

Understanding and managing strabismus is often considered too complicated and difficult and thus deters most ophthalmologists from practising the speciality. However, most cases can be treated appropriately with due understanding and appreciation of the key concepts. Besides a good evaluation, operating in the correct tissue planes, respecting the conjunctiva and other tissues, preventing excessive bleeding and being consistent are essential for obtaining optimal outcomes. While nothing can replace hands-on training under an expert strabismologist, a good surgical reference book along with the videos can help both the trainee and the practising strabismologist develop and improve their surgical skills.

This video atlas contains over 30 surgical videos along with procedures that are essential during the planning and execution of squint surgery. The book is divided into 17 chapters which cover basic topics such as essential surgical anatomy, key points in decision making in strabismus surgery, recent concepts in understanding of complex strabismus, conventional recession and resection along with newer surgical techniques like periosteal anchor of the lateral rectus, globe anchor to the medial periosteal wall and the medial transposition of the lateral rectus.

Teaching surgical technique is the main objective of this book, however, learning cannot be complete without essential background information like surgical anatomy and indications of each surgery. The book brings together different techniques in one comprehensive text, to act as a guide for the general ophthalmologist and practising strabismologist.

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He has over 200 indexed publications, over 50 chapters in national and international books and has been the editor of two books on strabismus surgery. He has attended and presented at over 25 international conferences, regularly conducts instruction courses in the annual conferences of All India Ophthalmological Society, and is frequently invited as a speaker at numerous national conferences and CME meetings.

He has performed numerous live squint surgeries in national and state level conferences. He has been conferred with more than 30 awards including Hari Mohan Oration by Delhi Ophthalmological Society for 2020, Excellence in Strabismology SPOSI 2020, Best of Show Video at AAO 2019, Best video presentation at SPOSI 2019, AIIMS Excellence Award 2019 and 2018, Fan Favorite Video at the AAO 2016, Best paper in indexed publication by SPOSI 2016, ACOIN (Association of Community Ophthalmologists of India) Appreciation Plaque 2014, AIOS-JO Platinum Award 2013, the Best Research Paper presentation at Asia ARVO conference 2013, APAO Achievement Award 2013, the IIRSI Gold Medal 2012 for outstanding contribution in the field of ophthalmology and the AAO Achievement Award 2011.



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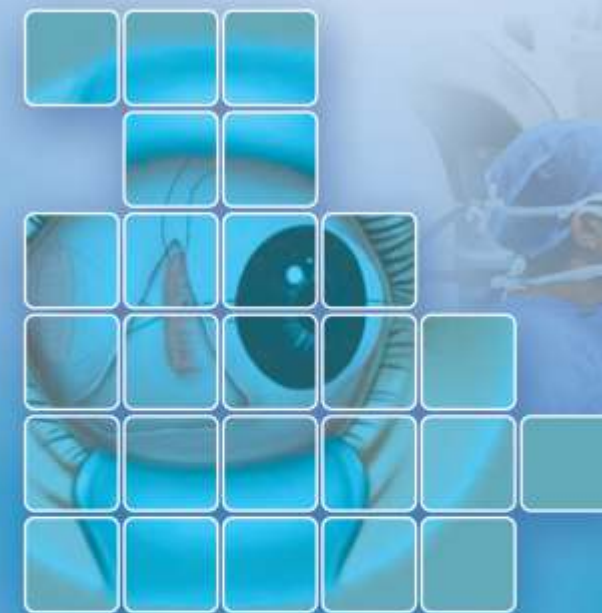
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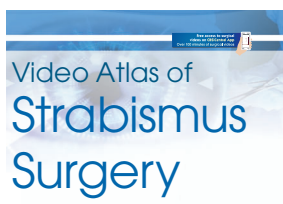
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to

*Dr RP Centre for Ophthalmic Sciences,
my teachers, residents I worked with and my patients,
who taught me all I know in ophthalmology;
my parents, my wife Dr Pikee and my son Dr Abhyuday,
who taught me all about life, love and happiness.*

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Foreword

I am delighted to write the Foreword to *Video Atlas of Strabismus Surgery* authored by Dr Rohit Saxena. The author has a reputation for being an excellent teacher and surgeon. Over his years in practice he has gained tremendous experience in strabismus surgery and in this book he shares his knowledge with an international audience.



Strabismus is as much an art as a science. Trainees often find strabismus to be one of the most difficult areas to master during training. In my personal experience, observing strabismologists in the clinic and especially in the operating theatre, taught me the essentials of managing difficult strabismus cases. In this *Video Atlas of Strabismus Surgery*, Dr Rohit Saxena has been able to provide a comprehensive yet concise amalgamation of theoretical and practical aspects associated with planning and execution of strabismus surgery.

The book begins with a chapter on essential surgical anatomy, the knowledge of which is crucial to perform strabismus surgery safely and confidently. The subsequent 16 chapters, logically and methodically describe basic and complex strabismus procedures. There are over 30 surgical videos along with surgical steps, pre- and post-operative photographs of patients. The videos have been narrated by the author, and explain the surgical procedures clearly.

In my career, I have found that I have never stopped learning. Reading this book has added to my knowledge and has improved my confidence in managing strabismus cases.

It is said that a picture is worth a thousand words. A video is worth even more and, is like being in the operating room with the surgeon. This book will be of immense value, not only to trainees but to general ophthalmologists and strabismologists as well.

Frank J Martin

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Preface

Welcome to the Video Atlas of Strabismus Surgery

Videos, surgical or clinical, have proven to be an effective teaching tool; second only to hands-on training. The absence of adequate clinical and surgical exposure to strabismus cases has been responsible for the hesitation to practice strabismus management. This book aims to fill this gap in training by providing a simplified, yet up-to-date atlas of strabismus surgery with surgical steps, schematic drawings, high yield text and over 30 well-narrated surgical videos. The book is meant to be a guide to a diverse group of ophthalmic surgeons with varying experience; from the resident in training, to the practising strabismologist, who wish to understand the process of surgical planning and execution to obtain the best outcomes, consistently. The book contains surgical videos along with a few essential procedures, performed and narrated by the author himself.

Teaching the surgical technique is the main objective of this book, however, care has been taken to provide background information like surgical anatomy and indications of each surgery. The book is divided into 17 chapters which cover basic topics such as essential surgical anatomy, decision making in strabismus surgery, conventional recession and resection, along with complex and newer surgical techniques like periosteal anchor of the lateral rectus, globe anchor to the medial periosteal wall, and medial transposition of the lateral rectus. The book brings together different techniques in one comprehensive text, to act as a guide for the general ophthalmologist and the practising strabismologist.

This book is a result of the training and experience I have acquired at Dr R. P. Centre for Ophthalmic Sciences, under the guidance and supervision of Prof Vimla Menon and Prof Pradeep Sharma. I consider myself fortunate to have been associated with them for over 25 years. I also wish to thank all the current and past senior residents in the strabimology section at Dr R. P. Centre for Ophthalmic Sciences who have, through our interactions, helped me to evolve into a better teacher and surgeon. Special thanks are due to my co-authors in the book especially Dr Anin Sethi who has been a key person behind the recording and editing of the surgical videos.

I would like to acknowledge all the people who are involved in the preparation of this book especially Shri SK Jain (Chairman), Shri Varun Jain (Managing Director), Shri YN Arjuna (Vice President—Publishing, Editorial and Publicity), Ms Ritu Chawla (GM—Production), Mr Parmod Kumar (DTP operator), Mr Ananda Mohanty (Proofreader) and Mr Ram Murti (Graphic designer), for bringing out the book in the present form.

I hope that you will enjoy reading this book as much as I enjoyed writing it.

Rohit Saxena

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