

Retina Atlas (2nd Edition) Unveiled by Leading Ophthalmologists

RETINA ATLAS



2nd
Edition

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Chandigarh, India May 21, 2024 ([IssueWire.com](https://www.IssueWire.com)) - A significant achievement in ophthalmology literature, the second edition of [Retina Atlas](#) was launched in May 2024. It offers an indispensable guide to retinal vascular disorders. This dynamic resource of amazing retinal images has been authored by distinguished ophthalmologists from India and the USA, including Dr. SPS Grewal, Dr. Mangat R Dogra, Dr. Manpreet Brar, Dr. Mansi Sharma from [Grewal Eye Institute](#), Chandigarh, India, and Dr. Dilraj S Grewal from the Department of Ophthalmology, Duke Medical Center, USA. Their expertise primarily revolves around treating patients with vitreoretinal diseases and surgery. This comprehensive volume provides clinicians, researchers, and trainees with invaluable insights into interpreting clinical findings on retinal imagery, forming a strong foundation for the diagnosis, management, and treatment of retinal diseases.

About Retina Atlas

Retina Atlas serves as an essential resource for every ophthalmologist, providing a comprehensive visual guide to the diagnosis and management of retinal diseases. Compiled using a collection of ultrawide-field retinal imaging from Eidon, Optos, and supplemented with OCT, this atlas offers a detailed understanding of retinal pathology. Grewal Eye Institute, being a tertiary care center with a separate retina department, boasts a significant collection of common and rare diseases at various stages of life.

This book isn't just for seasoned professionals; it's also a gateway for medical students, residents, and postgraduates to explore the fascinating world of retinal disorders. For those who might not encounter every spectrum of disease during their training, the Retina Atlas offers a window into this captivating realm.

Every opportunity to enhance our visuals has been seized, including the inclusion of newer and rarer entities. Moreover, we've incorporated images from ultrawide-field fundus imaging systems (Optos), adding a whole new dimension to our exploration. The book is designed with a greater emphasis on pictures, allowing for a quick and detailed review of fundus pathologies. It encapsulates the experiences of distinguished authors, spanning up to forty years for senior authors.

Key Features

- A comprehensive visual guide to advanced retinal imaging and diagnosis.
- Comparison of imaging modalities, composite layouts, high-power views, panoramic disease visuals, and selected magnified areas enhance understanding.
- Color coding for different imaging techniques, user-friendly arrows, labels, and magnified inset images point to key lesions and intricacies.

Authors:

Dr. SPS Grewal: CEO of Grewal Eye Institute, Chandigarh, India, and Adjunct Professor at the Department of Ophthalmology, Feinberg School of Medicine, Northwestern University, IL, USA. [Read more about Dr. SPS Grewal.](#)

Dr. Mangat R Dogra: Director of the Department of [Vitreoretinal Diseases and Surgery](#) at Grewal Eye Institute, Chandigarh, India, and Former Professor and Head, Department Ophthalmology, PGIMER, Chandigarh.

Dr. Manpreet Brar: Director of Medical Retina at Grewal Eye Institute, Chandigarh, India, and former Consultant at Moorfields Eye Hospital, London, UK.

Dr. Mansi Sharma: Senior Consultant at Grewal Eye Institute, Chandigarh, India, and Fellow of the All-India Collegium of Ophthalmology (Vitreoretina).

Dr. Dilraj S Grewal: Associate Professor of Ophthalmology at Duke Eye Center, Durham, NC, USA.

On the launch of the atlas, Dr. SPS Grewal, CEO of Grewal Eye Institute, Chandigarh, India, added, "The overwhelming response to the first edition has been testimony to the quality of the images and the format of the book. The focus of the book has been to present and highlight the clinical findings on fundus examination, their description, variations, and correlation to the disease. Purposefully, we left out the nitty-gritty of differential diagnoses and treatment, opting instead to delve deep into the clinical landscape to focus on clinical findings and the presentation of a disease. Since our first dive into retinal wonders, we've encountered a treasure trove of new cases and amassed a wealth of even better images. So, here's to hoping that our second edition continues to captivate and educate, serving as an indispensable tool for anyone with a passion for retinal imaging. My sincere thanks to my co-authors and the incredible team at Grewal Eye Institute for their unwavering support in bringing this edition to life."

Dr. Manpreet Brar added, "Our motivation for creating the 2nd edition of Retina Atlas was to share the extensive knowledge we've gathered over the years at the Retina Clinic of GEI about retinal diseases. I am deeply grateful to all our patients for trusting us with their treatment, and I also want to thank the incredible team at GEI and Dr. SPS Grewal for their unwavering support and motivation. Their dedication and collaboration have been key to making this edition possible, and I'm excited to continue our journey in advancing retinal care together."

Dr. MR Dogra also shared his views about the Retina Atlas, saying, "Grewal Eye Institute offers state-of-the-art vitreo-retinal and uveitis services. Skill transfer and imparting quality education at all levels are our goals. Retina Atlas is one significant effort in that direction. Compiling this atlas helped us to think more clearly about how to put our own documentation of patients together in a concise manner. We have put our heart and soul into this project and followed our passion. Bringing out this atlas is one great deed of the Grewal Eye Institute that will leave its mark and signature in the publishing world."

Retina Atlas is now available for purchase [here](#).

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RETINA ATLAS

We present to you an atlas of common retinal disorders compiled using our collection of retinal imaging on Edison. We have added OCT to help aid in understanding the pathology in a better way. Being a retina specialist, a greater space has been allocated to patients with JRD and necessary text. Enjoy the details in photographs. Look at the details and platforms of lesions visible. A picture of view much more is a shorter time than a fundus examination reveals. It is an annotated documentation to follow the disease progression or recovery. This book is for every ophthalmologist to review the fundus pathologies and great for residents and students.

SPS Grewal MD is a graduate and postgraduate from Government Medical College, Patiala, Punjab, India. He pursued his training in retina at Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, and completed a WHO Fellowship in Moorfields Eye Hospital, London, UK. He won the Ophthalmology Gold Medal for best research paper at 10th Annual Conference (1990) of All India Ophthalmology. Besides, he has over 100 national and international publications, and lectured courses at All India Ophthalmological Society (AIOS), European Society of Cataract and Refractive Surgeons (ESCRS) and the American Academy of Ophthalmology (AAO). He was awarded the Sanku Vision Award (2008) from AIOS. He also won the "Achievement Award" and "International Scholar" award at the AAO in 2012 and 2014, respectively. He moved from academics to private practice in 1993, was accompanied by a shift from posterior segment to anterior segment, though retina remains his true passion. He is currently heading Cataract and Refractive Services, Grewal Eye Institute, Chandigarh, and remains in touch with teaching residents as an Adjunct Professor, Department of Ophthalmology, Feinberg School of Medicine, Northwestern University, IL, USA.

Mangesh Bear has completed her graduation and postgraduation in India. She had her training at Moorfields Eye Hospital, London, UK, and Fellow in Retina, University of California, San Diego, USA. She is a combination of pleasant personality, good human being, professionally competent and sincere to patients. Her empathy towards patients is remarkable. Having moved back to India from United States after training, she has struck to the ethos of good clinical practices. She has an academic bent of mind and critically looks at our patient pool to think about new ideas and publications. She is Senior Consultant, Department of Vitreoretinal Diseases and Surgery, Grewal Eye Institute, Chandigarh, India.

Manal Sharma MD is a young and vibrant ophthalmologist with great surgical skills is an asset to any organization across the globe. During her training, she had a chance to work under great surgical masters to hone up her skills, and understand the finer nuances of vitreoretinal surgery. Her expertise in surgery is evident from the preoperative and postoperative photographs of cases operated by her. She is a person who believes in a balanced life and ambidextrous living. She plays an important role to make the vitreoretinal team a cohesive force. She is Consultant, Department of Vitreoretinal Diseases and Surgery, Grewal Eye Institute, Chandigarh, India.

Mangesh R Deyra was known to his friends and colleagues as a smiling face. Coming from a humble background, he has risen to head one of the best departments of ophthalmology at Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India. After training at one of the best institutes in India and United States, he decided to come back and serve the country. He has been the pioneer to work on retinopathy of prematurity. He has dedicated his life to the tiny job. He has immensely contributed to world literature in the field of Retinopathy of Prematurity (ROP). He has described new presentations of ROP for the first time which has been acknowledged by the world. His empathy towards patients is remarkable. He is the Director, Department of Vitreoretinal Diseases and Surgery, Grewal Eye Institute, Chandigarh, India.

Dilip S Grewal MD is a graduate from Armed Forces Medical College (AFMC), Pune, Maharashtra, India, he developed the knack of publication from his time of internship. After graduation, he moved to United States and did Research Fellowship from Bascom Palmer Eye Institute, University of Miami, FL, USA. He completed his residency from Northwestern University Feinberg School of Medicine, Chicago, IL. He did his Vitreoretinal Surgery Fellowship from Duke Eye Center, Duke University Medical Center, Durham, NC. He is presently working as an Associate Professor, Department of Ophthalmology, Vitreoretinal Surgery and Uveitis, Duke Eye Center, Duke University Medical Center, Durham, NC. The numerous accolades, he has won include American Academy of Ophthalmology Achievement Award, TEDMED 2013 Front Line Scholarship, American Society of Cataract and Refractive Surgery Foundation Resident Excellence Award, Deem Tuhar Award, Head Fellow, Head Ophthalmic Foundation, Fellow, Society of Head Fellows, Rishi-Buckler Award, American Society of Retina, Ronald G. Michels Fellowship Foundation Award and American Society of Retina Specialists Honor Award. He has more than 100 publications in peer-reviewed journals besides a large number of presentations, videos, posters, and lectures. He has done pioneer and original work on transplantation of neural retina for large macular holes which has now been followed by many surgeons across the world.

Presented in India

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