LACRIMAL SYSTEM, ORBITAL DISEASES, OCULAR TUMORS, AND MANAGEMENT IN THE GERIATRIC POPULATION

Series Editor Emine ŞEKER ÜN



©2024 Lacrimal System, Orbital Diseases, Ocular Tumors, and Management in the Geriatric Population

ISBN: 978-625-94280-6-2

All rights reserved. Pursuant to Law No. 5846 and 2936 on Intellectual and Artistic Works; The rights of printing, publishing and sales of this book belong to MediHealth Academy Publishing without the permission of the corporation all or parts of the book may not be reproduced, printed or distributed by mechanical, electronic, photocopying, magnetic paper and/or other methods. Tables, figures and graphics cannot be used for commercial purposes without permission. The responsibility of the pictures and information used in the sections belongs to the author(s) of that section.

Editor Emine ŞEKER ÜN

Publisher MediHealth Academy

Project Coordinator

Meryem YAVUZ (MediHealth Academy)

Graphic-Design

Çiğdem YÜCEL (MediHealth Academy)

Edition-Volume

Ankara Özgür Matbaacılık Basım Yayın Dağ. San. Tic. A.Ş. 1250. Cadde No: 25 Ostim OSB Yenimahalle / Ankara Certificate Number: 46821



Address: SBÜ Teknoloji Geliştirme Merkezi (SBÜ TEKMER) Gülhane Yerleşkesi Emrah Mah. General Dr. Tevfik Sağlam Cad. No: 2/67, İç Kapı No: 101 Keçiören, Ankara, Turkiye Phone: +90 532 061 96 80 e-mail: mha@medihealthacademy.com www.medihealthacademy.com



Chapters	i
Contributors	iii
Preface	
About MediHealth Academy and Thanks to	
About Medificatin Academy and manks to	VI

CHAPTERS

Chapter 1	Lacrimal System Disorders and Management in Geriatric Population
Chapter 2	Thyroid Orbitopathy and Management in Geriatric Population
Chapter 3	Orbital Infections and Management in Geriatric Population
	Non-infectious Inflammatory Orbital Diseases and Management in Geriatric Population
Chapter 5	Vascular, Cystic and Tumoral Diseases of the Orbit and Management in Geriatric Population37
Chapter 6	Ocular Tumors and Management in Geriatric Population
Chapter 7	Problems Associated with Ocular Tumor Treatments in Geriatric Population and Management.57
-	Index67

Lacrimal System, Orbital Diseases, Ocular Tumors, and Management in the Geriatric Population

Contributors

Ahmet Alp BİLGİÇ

Department of Ophthalmology, Dışkapı Yıldırım Beyazıt Training and Research Hospital, University of Health Sciences, Ankara, Turkiye

Emine ŞEKER ÜN

Department of Ophthalmology, Faculty of Medicine, Pamukkale University, Denizli, Turkiye

Mehmet Göksel ULAŞ

Department of Ophthalmology, Beyoğlu Eye Training and Research Hospital, University of Health Sciences, İstanbul, Turkiye

Murat KAŞIKCI

Department of Ophthalmology, Muğla Sıtkı Koçman University Training and Research Hospital, Muğla, Turkiye

Mübeccel BULUT

Department of Ophthalmology, Kahramanmaraş Necip Fazıl City Hospital, Kahramanmaraş, Turkiye

Özgür EROĞUL

Department of Ophthalmology, Faculty of Medicine, Afyonkarahisar Health Sciences University, Afyonkarahisar, Turkiye

Şule BARMAN KAKİL

Department of Ophthalmology, Kırıkhan State Hospital, Hatay, Turkiye

Şule ÇINAR

Department of Ophthalmology, Bursa City Hospital, Bursa, Turkiye

Lacrimal System, Orbital Diseases, Ocular Tumors, and Management in the Geriatric Population



Dear Colleagues,

The average life expectancy continues to increase worldwide, particularly in developed countries. Therefore, there is a need for medical research on geriatric diseases. In ophthalmology, diseases such as cataracts, glaucoma, and age-related macular degeneration are most commonly observed in the geriatric population. On the other hand, many other eye diseases can also affect geriatric populations at varying frequencies.

This book was written to provide a comprehensive overview of the lacrimal System, orbital diseases, ocular tumors, and management in the geriatric population and covers the latest advances in the epidemiology, pathogenesis, risk factors, classification, clinical diagnosis, and treatment of eye diseases. This will be an ideal resource for ophthalmologists and geriatricians.

Each of the authors has spent a great deal of time and effort writing book chapters with equal pleasure that today is hoped, you dear reader, will derive from its pages.

Editor Assist. Prof. Emine ŞEKER ÜN Denizli, 2024 Kitap Adı Lacrimal System, Orbital Diseases, Ocular Tumors, and Management in the Geriatric Population

About MediHealth Academy and Thanks to

Dear Readers,

The MediHealth Academy is an Ankara-based independent publisher managed by academics of medical origin, with more than 20 years of academic background. The expert team collaborated with university lecturers and the academic community to produce book projects. The mission of the publisher is to lead journals containing high-scientific-value articles in the fields of medicine and health sciences to capture the diversity of regional and international articles and citations.

The main interest of MediHealth Academy Publishing is in scientific publications. Within the body of the MediHealth Academy, many books will both contribute to the scientific literature and guide the problems faced by experts in that field in daily practice, and book projects. The aim of the books and book chapters pioneered by the MediHealth Academy is to contribute to a high scientific value by preparing a subject in an area that lacks scientific knowledge.

We hope that this book series, which addresses ophthalmology in a certain age group and includes diseases and treatments of certain parts of the eye, will be useful to all readers. We will continue to support book projects that shed light on science.

> MediHealth Academy Publishing Ankara, Turkiye

Lacrimal System, Orbital Diseases, Ocular Tumors, and Management in the Geriatric Population