STRABISMUS, NEURO-OPHTHALMOLOGICAL DISORDERS, AND MANAGEMENT IN THE GERIATRIC POPULATION

Series Editor

Ayşe Gül KOÇAK ALTINTAŞ



©2024 Strabismus, Neuro-ophthalmological Disorders, and Management in the Geriatric Population

ISBN: 978-625-99889-8-6

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

Ayşe Gül KOÇAK ALTINTAŞ

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

Contents

	Chapters	
	Contributors	
	Preface	
	About MediHealth Academy and Thanks to	. vi
СНАРТ	TERS	
Chapter 1	Paralytic Strabismus and Management in Geriatric Population]
Chapter 2	Non-paralytic Strabismus and Management in Geriatric Population	13
Chapter 3	Optic Nerve Disorders in Geriatric Population	23
Chapter 4	Pupillary Diseases and Management in Geriatric Population	35
Chapter 5	Optic Neuropathies Associated with Systemic Diseases and Management in Geriatric Population	45
	Index	57

Strabismus, Neuro-ophthalmological disorders, and Management in the Geriatric Population

Contributors

Ali KÜÇÜKÖDÜK

Department of Ophthalmology, KTO Karatay University Konya Medicana Hospital, Konya, Turkiye

Aynur HACISALİHOĞLU

Department of Ophthalmology, Dr. Lütfi Kırdar City Hospital, University of Health Sciences, İstanbul, Turkiye

Ayşe Gül Koçak ALTINTAŞ

Department of Ophthalmology, Gülhane Faculty of Medicine, University of Health Sciences, Ankara, Turkiye

Lütfi SEYREK

Department of Ophthalmology, Private Konyagöz Hospital, Konya, Turkiye

Merve SİMSEK

Department of Ophthalmology, Muğla Training and Research Hospital, Muğla, Turkiye

Selda CELİK DÜLGER

Department of Ophthalmology, Ankara Etlik City Hospital, Ankara, Turkiye Strabismus, Neuro-ophthalmological disorders, and Management in the Geriatric Population

Preface

Dear Colleagues,

Ophthalmology is a privileged and comprehensive field of medical science. It is a broad scientific field that contains basic physiological and optical mechanisms to advance imaging techniques, surgical methods, medical devices, and drugs in normal clinical practice. The purpose of the presenting book chapter is to present extensive ophthalmological guidelines from basic universal knowledge to highly scientific details about Strabismus, Neuro ophthalmological disorders and Management in the Geriatric Patient.

Our aim was to provide advanced information to our target group of ophthalmologists, specialized assistants, and other medical professionals such as neurologists.

We appreciate the outstanding colleagues who share their voluble knowledge and serve as chapter writers and the Medihealth Publishing House for their great efforts in this publishing process.

Editor Prof. Ayşe Gül KOÇAK ALTINTAŞ Ankara, 2024 Strabismus, Neuro-ophthalmological disorders, 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 Strabismus, Neuro-ophthalmological Disorders, and Management in the Geriatric Population