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**Clinical Approach to  
Ocular Motility:**

*Characteristics and Orthoptic Management  
of Strabismus*

SECOND EDITION

Ida Lucy Iacobucci, C.O.

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*For my parents and sister;  
you are always in my heart.*



## Foreword

Ida Iacobucci, CO - recently referred to by her colleagues as the “Golden Orthoptist” - has been a force in the science and practice of orthoptics here at the University of Michigan and around the world for over 50 years. In this second edition of her textbook on the clinical approach to ocular motility, Miss Ida, as she likes to be called, draws on her extensive experience to update the reader on the current theory, science, and practice involving the diagnosis and treatment of common and rarer oculomotor disorders of the brain and oculomotor system.

Soon after joining the staff and later the faculty in the University of Michigan Medical School, she chaired the National Orthoptic Basic Science Course in Ann Arbor for a number of years where she brought the likes of Marshall Parks, Herman Burien, Frank Costenbader, and others together to teach ocular motility and strabismus practice at the highest level to young orthoptics students. This early leadership in the field has continued to the present through her many contributions to orthoptics and ophthalmology in teaching, clinical practice, and research. She is a sought after teacher of basic and advanced ocular motility skills to hundreds of ophthalmology residents (many choosing pediatric ophthalmology and strabismus careers), fellows, and orthoptics students.

Miss Ida has developed advanced clinical care methodology for the treatment of strabismus and diplopia in our most complex and difficult patients, and her research efforts have resulted in important advances in the treatment of intermittent exotropia with alternate occlusion and over minus therapy, in the use of Bangerter Foils for amblyopia treatment and the combination of exercises, prisms, and foils to treat difficult diplopia. Her work has earned not only the respect of her colleagues but also the most important awards in orthoptics; the Scobee Award for training the best graduating orthoptics student and the Lancaster Award for lifetime achievement and contributions to the field.

These pages and chapters are filled with clinical and diagnostic pearls, which are the key to success in this challenging field - all presented in a readable and understandable format.

I recommend this book to all students who care for patients with strabismus and binocular vision disorders, beginning orthoptics students, and ophthalmology residents, as well as more established practitioners, so that they may better understand diagnosis and treatment to improve patient outcomes and satisfaction.

Monte A. Del Monte, MD  
Skillman Professor of Pediatric Ophthalmology  
Director of Pediatric Ophthalmology and Adult Strabismus  
University of Michigan Kellogg Eye Center

## Preface

I was diagnosed with myelofibrosis in August of 2009. No treatment was available at that time, but I was accepted into a trial study at the University of Michigan Health System in November of 2010 and this experimental therapy saved my life. My cancer is now in remission with chemotherapy and blood infusions.

During this long period of illness I decided to review and update my book, *Clinical Approach to Ocular Motility*, which was published 34 years earlier. New theories have been presented and accepted in the treatment of strabismus and I wanted to include these new theories. Additionally, based on my 50+ years of experience practicing and teaching in the field, I wanted to provide a more detailed description of the various types of strabismus, focusing on the application of Orthoptic treatment.

The first chapter describes the basic tests needed to evaluate the various categories of strabismus. The remaining 11 chapters give detailed characteristics, management, and orthoptic treatment for each specific category.

This book presents an excellent overview for the practicing ophthalmologist and Orthoptist, and is a valuable addition to the required texts in resident programs and Orthoptic training centers.

Ida Lucy Iacobucci  
June 2014





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During the course of writing this book, which is a compilation of my lectures to residents and Orthoptic students, many of my residents and Orthoptic students from 2010 to 2014 helped provide suggestions and refine the content. I was so pleased regarding their interest and wish them many happy years in this incredible and rewarding field of medicine.

I am grateful to Jasna Markovac, Senior Director, Learning Design and Publishing, Medical School Information Services at the University of Michigan, for agreeing to publish my book and for introducing me to her colleague, Karen Kost, Associate Publisher. Without Karen's dedication this book would not exist. Karen worked tirelessly and meticulously on my manuscript as well as on the appearance and organization of the final product.