

CONTENTS

	Page
Introduction	1
Aim of the work	3
Review of literatures	
Lens Anatomy	
* Location of the lens	4
* Structure of the lens	5
* Applied anatomy	8
* Normal development of the lens	9
Refractive development of the eye	
* Axial length	12
* Lens power	13
Neurophysiological Background	16
Pediatric Cataract	
* Congenital cataract	23
* Diagnosis of Pediatric cataract	30
* Indications of cataract surgery in Pediatrics	42
Optical Rehabilitation	
Optical rehabilitation	53
Intraocular lenses	55
Choice of the lens power	58
Intraocular lens material	62
Advantages of Acrylic IOLs	69
Techniques for inserting foldable acrylic IOL	73
Indications for IOL implantation in children	76
Contraindications for IOL implantation in children	77
Complications for IOL implantation in children	78
Management of amblyopia	81
Subjects and Methods	86
Results	105