

Contents

1	Development of the Retina	1
	Federico Gonzalez-Fernandez	
2	Anatomy and Physiology of the Retina	39
	Göran Darius Hildebrand and Alistair R. Fielder	
3	Electroretinographic Testing in Infants and Children	67
	David G. Birch, Eileen E. Birch, and Rand Spencer	
4	Retinopathy of Prematurity (ROP)	85
	James D. Reynolds	
5	Optic Nerve Malformations	117
	Edward G. Buckley, Mathew Gearing, Jin Jing, and Tamer Mahmoud	
6	Inborn Errors of Metabolism Affecting the Retina	147
	Scott E. Olitsky	
7	Phacomatoses	159
	Evelyn X. Fu and Arun D. Singh	
8	Persistent Hyperplastic Primary Vitreous (PHPV)	191
	Bruce M. Buerk, Mithlesh C. Sharma, and Michael J. Shapiro	
9	A Language for Retinoblastoma: Guidelines and Standard Operating Procedures	205
	Alejandra Valenzuela, Helen S.L. Chan, Elise Héon, and Brenda L. Gallie	
10	Coats' Disease	235
	Franco M. Recchia and Antonio Capone	
11	Pediatric Hereditary Macular Degenerations	245
	Jack M. Sullivan, David G. Birch, and Rand Spencer	

12 Generalized Inherited Retinal Dystrophies	295
Shahrokh C. Khani and Airaj Fasiuddin	
13 Vitreoretinal Dystrophies	315
Magdalena F. Shuler, Jack M. Sullivan, Bernard R. Hurley, and J. Arch McNamara	
14 Macular Choroidal Neovascularization and Defects in Bruch's Membrane in Children	345
Jonathan E. Sears	
15 Proliferative Retinopathies in Children	351
Philip J. Ferrone and Steven Awner	
16 Infectious Diseases of the Pediatric Retina	361
Mohamed Hussein and David K. Coats	
17 Abusive Head Trauma/Shaken Baby Syndrome	409
Brian J. Forbes and Alex V. Levin	
18 Pediatric Retinal Trauma	423
Michael A. Samuel and Khaled A. Tawansy	
19 Pediatric Uveitis	433
Christopher Hood and Careen Y. Lowder	
Index	459



<http://www.springer.com/978-3-642-12040-4>

Pediatric Retina

Reynolds, J.D.; Olitsky, S.E. (Eds.)

2011, VIII, 462 p., Hardcover

ISBN: 978-3-642-12040-4