

152315

Volume 2

# MRCPCH MASTERCOURSE

Editor-in-Chief  
**Malcolm Levene**

Foreword by  
Professor Sir David Hall



Royal College of  
Paediatrics and Child Health

HURCHILL  
VINGSTONE  
ELSEVIER

---

# Contents

---

Foreword v  
Preface vii  
How to use this book ix  
Index of DVD clips xi  
Module editors xiii  
Contributors xv  
Abbreviations xix

## MODULE 6: **Childhood disorders I** 1

Henry L. Halliday

- 28. Central nervous system** 3  
David W. Webb, Niamh Lynch
- 29. Neurodevelopmental disability** 27  
Valerie A. Harpin, Susan M. Gentle
- 30. Child mental health** 49  
Neil Kennedy
- 31. The eye and vision** 54  
Vernon Long
- 32. Disorders of hearing, the ear and throat** 62  
Mary O'Sullivan, Florence McDonagh,  
Neil Kennedy
- 33. Disorders of bones and joints** 81  
Neil Kennedy, Malcolm Levene
- 34. Inborn errors of metabolism** 90  
Chris Hendriks, Carl Harvey, Saikat Santra
- 35. Endocrinology and diabetes** 99  
Sabah Alvi, Paul Arundel
- 36. Skin disorders in children** 124  
Richard B. Warren, Julian L. Verbov

- 37. Child abuse and neglect: the hospital perspective** 136  
Malcolm Levene, Neela Shabde,  
Martin Samuels
- 38. Child health in developing countries** 150  
Anthony Costello, Therese Hesketh,  
David Osrin, Andrew Tomkins

**MODULE 7: Childhood disorders II** 165  
Martin Ward Platt

- 39. Gastroenterology and hepatology** 167  
Stephen Hodges, Susan Bunn
- 40. Urinary system** 191  
Heather Lambert
- 41. Cardiovascular system** 210  
Frank Casey, Brian Grant
- 42. Respiratory paediatrics** 233  
Michael D. Shields, B. S. O'Connor
- 43. Blood and reticulo-endothelial disorders** 260  
Michael Richards
- 44. Immunology and infectious disease** 273  
Julia Clark, Noura Al-Aufi, Huda Al-Hussamy,  
Sachin Mannikar

**MODULE 8: The child in hospital** 299  
Michael Hall

- 45. Care of the critically ill child** 301  
Michael J. Marsh
- 46. Neonatology I: Problems of the prenatal and perinatal period** 320  
Sabita Uthaya, Neena Modi
- 47. Neonatology II: Respiratory and cardiac disorders** 334  
Anne Greenough, Ravindra Bhat
- 48. Neonatology III: Neurology, haematology, metabolism and sepsis** 364  
Janet M. Rennie
- 49. Neonatology IV: Disorders requiring surgical intervention** 381  
David M. Burge, Melanie Drewett

**50.** Accidents, poisoning and apparent  
life-threatening events 395

Breda Hayes, Thomas G. Matthews

**51.** Oncology and palliative care 403

James C. Nicholson, Matthew Murray

Index 425