

Contents

Part I Developmental Physiology of the GIT and Feed Intolerance

- 1 Developmental Physiology of the Gastrointestinal Tract and Feed Intolerance in Preterm Neonates** 3
Sanjay Patole

Part II Enteral Nutrition

- 2 Minimal Enteral Feeding** 27
Olachi Mezu-Ndubuisi and Akhil Maheshwari
- 3 Strategies for Managing Feed Intolerance in Preterm Neonates** 47
Sanjay Patole
- 4 Prevention and Treatment of Necrotising Enterocolitis in Preterm Neonates** 71
Sanjay Patole
- 5 Aggressive Enteral Nutrition in Preterm Neonates** 97
Sanjay Patole
- 6 Metabolic Bone Disease of Prematurity** 115
Suresh Birajdar, Mary Sharp and Sanjay Patole
- 7 Gastro-Esophageal Reflux in Neonatology** 135
Keith J. Barrington
- 8 Breast Milk Additives and Infant Formula** 153
Jill Sherriff and Gemma McLeod
- 9 Post-Discharge Nutrition for High-Risk Preterm Neonates** 173
Gemma McLeod, Jill Sherriff and Sanjay Patole

Part III Parenteral Nutrition

10 The History, Principles, and Practice of Parenteral Nutrition in Preterm Neonates	193
Stanley J. Dudrick and Alpin D. Malkan	
11 Intravenous Lipids in Neonates	215
Girish Deshpande and Rajesh Maheshwari	
12 Amino Acids	233
Hester Vlaardingerbroek and Johannes B. van Goudoever	
13 Aggressive Parenteral Nutrition	253
Karen Simmer	

Part IV Catch up Growth/Developmental Origin of Adult Diseases

14 Catch up Growth and the Developmental Origins of Health and Disease (DOHaD) in Preterm Infants	269
Nicholas D. Embleton, Claire L. Wood and Robert J. Tinnion	

Part V Monitoring Growth and Development

15 Growth Monitoring of Preterm Infants During Stay in the Neonatal Unit and into Early Childhood	293
Shripada Rao	

Part VI Breast Milk, Breast Feeding, and Donor Milk Banks

16 Role of Breast Milk	311
Jacqueline C. Kent, Lukas Christen, Foteini Hassiotou and Peter E. Hartmann	
17 Breastfeeding the Preterm Infant	337
Perrella Sharon, Boss Melinda and Geddes Donna	
18 Donor Human Milk Banking in Neonatal Intensive Care	367
Ben T Hartmann and Lukas Christen	

Part VII Nutrition in Specific Conditions

19 Feeding the Preterm Neonate with Intra Uterine Growth Restriction	391
Flavia Indrio, Luca Maggio and Francesco Raimondi	

20 Nutrition in Intestinal Failure/Short Bowel Syndrome	405
Jatinder Bhatia and Cynthia Mundy	
21 Nutrition in Preterm Infants with Bronchopulmonary Dysplasia	421
Noa Ofek Shlomai and Sanjay Patole	
Index	441

<http://www.springer.com/978-94-007-6811-6>

Nutrition for the Preterm Neonate

A Clinical Perspective

Patole, S. (Ed.)

2013, XIV, 450 p. 20 illus., 10 illus. in color., Hardcover

ISBN: 978-94-007-6811-6