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Sommario/riassunto

Metal-matrix composites (MMCs) have been the subject of scientific investigation and applied research for some three decades, but only in the past few years have these materials become realistic candidates for engineering components such as electronic heat sinks, automotive drive shafts, ground-vehicle brake rotors, fighter-aircraft fins and jet-engine components. This special issue comprises 12 selected peer-reviewed papers covering various aspects of MMCs and highlights the most recent findings in this field. The papers focus mainly on light metal matrix composites, based upon Al, Mg and Ti

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Clinical paediatric dietetics [[electronic resource] /] / edited by Vanessa Shaw and Margaret Lawson

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Nota di contenuto

Clinical Paediatric Dietetics; Contents; Contributors; Foreword; Preface; Acknowledgements; Part 1 Principles of Paediatric Dietetics; 1 Nutritional Assessment, Dietary Requirements, Feed Supplementation;

2 Provision of Nutrition in a Hospital Setting; Part 2 Nutrition Support and Intensive Care; 3 Enteral Nutrition; 4 Parenteral Nutrition; 5 Nutrition in Critically Ill Children; Part 3 Clinical Dietetics; 6 Preterm Infants; 7 Gastroenterology; 8 Surgery in the Gastrointestinal Tract; Short Bowel Syndrome; 9 The Liver and Pancreas; 10 Diabetes Mellitus; 11 Cystic Fibrosis; 12 The Kidney
13 The Cardiothoracic System
14 Food Hypersensitivity; 15 Immunodeficiency Syndromes, HIV and AIDS; Immunodeficiency Syndromes; HIV and AIDS Julie Lanigan; 16 Ketogenic Diets; 17 Disorders of Amino Acid Metabolism, Organic Acidaemias and Urea Cycle Defects; Phenylketonuria; Maple Syrup Urine Disease; Tyrosinaemias; Homocystinuria; Organic Acidaemias and Urea Cycle Disorders; Emergency Regimens; 18 Disorders of Carbohydrate Metabolism; Glycogen Storage Diseases; Disorders of Galactose Metabolism; Disorders of Fructose Metabolism; 19 Disorders of Fatty Acid Oxidation and Ketogenesis
20 Lipid Disorders
21 Peroxisomal Disorders; Refsum's Disease; X-linked Adrenoleukodystrophy; 22 Childhood Cancers; 23 Eating Disorders; 24 Epidermolysis Bullosa; 25 Burns; 26 Autistic Spectrum Disorders; Part 4 Community Nutrition; 27 Healthy Eating; 28 Children from Ethnic Groups and those following Cultural Diets; 29 Faltering Growth; 30 Feeding Children with Neurodisabilities; 31 Obesity; 32 Prevention of Food Allergy; Appendix I: Manufacturers of Dietetic Products; Appendix II: Dietetic Products; Index

Sommario/riassunto

This standard work has been comprehensively revised and expanded to meet the needs of the modern practising and student dietitian. In tune with current trends, a greater emphasis has been placed on public health issues such as the treatment of childhood nutritional disorders in the community, including obesity and faltering growth. The book now also contains a dedicated chapter on the important issue of allergy prevention.* Edited by leading experts at Great Ormond Street and the Institute of Child Health.* Officially supported by the British Dietetic Association*
