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Titolo	Flexible composite materials : in architecture, construction and interiors // Rene Motro (ed.)
Pubbl/distr/stampa	Basel, [Switzerland] : , : Birkhauser, , 2013 ©2013
ISBN	3-0346-1350-4 3-0346-1396-2
Descrizione fisica	1 online resource (14 pages) : illustrations (some color)
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Livello bibliografico	Monografia
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Nota di contenuto	Frontmatter -- Content -- Principles -- 1 Flexible Composite Materials: Production and Modern Uses of a Polymorphic Material / De Giuli, Ines / Ferrari, Romain -- Construction -- 2. Textile Architecture / Maurin, Bernard / Motro, René -- 3. Design Details for Successful Implementation / Doriez, Bernard / Motro, René -- 4. Textile Façades / Bertino, Stefano / Giovanni Mainini, Andrea / Poli, Tiziana -- 5. Solar Protection / Cox, Mark / De Haas, Tim / Gijsbers, Roel / Pronk, Arno / Vrouwe, Ivo / Weijers, Jeroen -- 6. From Raw Material to the Finished Product: Interior Textiles / Missakian, Anais / Nichols, Khipra / Wong, Liliane -- 7. The new Lightweight Structure: Tensairity / Luchsinger, Rolf H. -- Case Studies -- 8. Architectural Textiles -- 9. Textile Façades -- 10. Solar Protection -- 11. Interior Textiles -- Appendix
Sommario/riassunto	Textile Architektur begeistert die Menschheit weltweit schon seit vielen Jahrhunderten. In den letzten Jahrzehnten und Jahren konnten durch innovative Materialien neue Möglichkeiten geschaffen werden, diesen faszinierenden Werkstoff in der Architektur, im Bauwesen und auch im Design einzusetzen. Textilien faszinieren wegen der besonderen Formen, die diese Gewebestrukturen ermöglichen und aufgrund ihres außergewöhnlichen Charakters als weiche Materialien. Gemeinsam mit ihren funktionalen und konstruktiven Eigenschaften bieten sie ein Leistungsspektrum, das bei spektakulären, wie auch alltäglichen Aufgaben genutzt wird. Das Buch widmet sich den technischen Textilien

in drei Teilen: Im ersten Kapitel wird das Material in seinen spezifischen Eigenschaften vorgestellt, das zweite Kapitel befasst sich mit den Anwendungen in den Bereichen Architektur, textile Fassaden, Sonnenschutz und Innenarchitektur unter besonderer Berücksichtigung von Verarbeitungsweisen und Konstruktionsprinzipien. Das dritte Kapitel dokumentiert eine Auswahl von 24 internationalen gebauten Projekten, um die verschiedenen Einsatzgebiete auch unmittelbar zu veranschaulichen.

Textile architecture has been captivating humanity for many centuries. In recent years and decades, the emergence of innovative materials has created new opportunities to utilize this fascinating material in the fields of architecture, interior design, and design. Textiles derive their fascination from the special forms these fabric structures make possible and from their unusual character as soft materials. Together with their functional and structural properties, they possess a range of capabilities equally suitable for spectacular and everyday building tasks. This book deals with technical textiles in three sections: in the first chapter, the material is introduced together with its specific properties; the second chapter deals with its uses in the areas of architecture, textile facades, solar protection, and interior design, with special attention to finishing techniques and construction principles. The third chapter illustrates the various fields of application with a selection of some twenty-four international built projects.

2. Record Nr.	UNINA9911019630903321
Autore	Stewart Laura
Titolo	Child and Adolescent Obesity : A Practical Approach to Clinical Weight Management
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2024 ©2024
ISBN	9781119798873 1119798876 9781119798859 111979885X 9781119798866 1119798868
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Descrizione fisica	1 online resource (291 pages)
Disciplina	618.92398
Soggetti	Obesity in children Child health services
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Child Obesity - Foreword -- Abbreviations -- Acknowledgements -- Introduction: The Voices of Lived Experience -- Introduction -- The Voice of Children, Young People Living with Obesity and Their Parents -- When Do Parents Look for Support? -- Attitudes and Qualities of the Health Professional -- Using Behavioural Change Tools -- Stigma and Self-esteem -- Programme Outcomes -- Informal Support -- Potential Barriers -- The Voice of Practitioners Working with Children and Young People Living with Obesity -- Key Advice for New Practitioners -- Person Centred -- Challenges and Complexity -- Relationships -- Rapport -- Parenting -- The Team -- Psychologist -- Stigma -- Outcomes -- Systems -- Programmes -- Eating Behaviours -- Conclusions -- References -- Chapter 1 What Is Childhood Obesity and Why Does It Matter -- Introduction -- Defining Obesity in Childhood -- Body Mass Index -- BMI Centile Charts -- Fat Distribution and Waist -- Aetiology of Obesity -- Polygenetics -- Monogenetics -- Inheritable

Disorders -- Endocrine Causes of Obesity -- Adverse Childhood Experiences and Childhood Obesity -- Why Childhood Obesity Matters -- Cardiovascular Risk Factors -- The Metabolic Syndrome -- Type 2 Diabetes -- Insulin Resistance -- Non-Alcoholic Fatty Liver Disease -- Puberty and Polycystic Ovarian Syndrome -- Respiratory Problems -- Orthopaedic -- Psychosocial -- References -- Chapter 2 Socio-Economic Inequalities and Childhood Obesity -- Introduction -- Health Inequalities -- SES and Obesity -- SES and Obesity in Childhood -- Influence of Parental Weight on Children -- Food Insecurity -- Insurance Hypothesis -- The Neighbourhood and Built Environment -- References -- Chapter 3 Systems Thinking and Systems Approaches to Address Obesity -- Introduction -- Systems Definitions and Systems Theory. Lay Definitions -- Systems Theory -- Simple to Complex Problems -- A Summary of Key Features of (Whole) Systems Approaches -- The Application of Systems Approaches to Obesity -- Implementation of Systems Approaches -- Examples from North America -- COMPACT (Childhood Obesity Modeling for Prevention and Community Transformation) Study -- Example from Australia -- WHOSTOPS (Whole of Systems Trial of Prevention Strategies for Childhood Obesity) -- Examples from Europe: The Amsterdam Healthy Weight Programme (AHWP) and the LIKE Programme -- Examples from the UK -- The Evaluation of Systems Approaches to Obesity -- Examples from Australia -- Examples from Europe -- Examples from the UK -- Opportunities, Challenges and Future Direction of Systems Approaches to Obesity -- Conclusion -- Acknowledgements -- References -- Chapter 4 Raising the Topic of Child Weight -- Introduction -- Parental Recognition -- Stigma and Weight Bias -- Use of Language -- Discussing Difficult to Hear Topics -- Raising the Topic of a Child's Weight -- Health Literacy -- References -- Chapter 5 Changing Behaviours -- Introduction -- A Person-Centred Approach -- Listening Skills -- Open Questions -- Affirmations -- Reflections -- Summarising -- Building Rapport -- Establishing a Shared Agenda -- Managing Expectations -- Behaviour Change Theories -- The Transtheoretical Model of Change -- Social Cognitive Theory -- Behaviour Change Tools -- Exploring Motivation -- Self-Monitoring -- Goal Setting -- Agreeing Rewards -- Reviewing Goals and Rewards -- Environmental/Stimulus Control -- Preventing Relapse -- References -- Chapter 6 Physical Activity, Screen Time and Sleep -- Introduction -- Physical Activity -- Recommendations on Levels of Physical Activity -- What Does this Mean? -- Moderate to Vigorous Activity -- Aerobic Activity -- Muscle Strengthening -- Bone Strengthening. Supporting Increasing Physical Activity Levels in Weight Management Interventions -- Structured Versus Daily Activities -- PA Delivery Mode -- Sedentary Behaviours -- Time Spent on Screens -- Recommendations on Levels of Screen Time -- Supporting Reducing Screen Time in Weight Management Interventions -- Sleep -- Supporting Sleep Quality in Weight Management -- Sleep Hygiene -- References -- Chapter 7 Modifying Energy Intake -- Introduction -- Balanced Nutritional Intake -- Energy Modification Strategies -- A Traffic Light Scheme -- Specific Energy Restrictions -- Fruits and Vegetables -- Beverages -- Sugar-Sweetened Beverages -- Milk -- Fruit Juice -- Snacks -- Portion Sizes -- Non-hunger Eating -- References -- Chapter 8 Measuring and Monitoring in Practice -- Introduction -- Body Mass Index -- The Use of BMI in Adults -- Visceral Body Adiposity -- Variation of Adiposity in Childhood -- The Use of BMI in Children and Young People -- US BMI Charts -- UK BMI Charts -- International BMI Charts -- Changes in BMI -- Waist

Measurements -- Waist-to-Height Ratios -- Taking Measurements -- Weight -- Height -- Waist -- Psycho-socio Measurements -- Measuring and Monitoring Lifestyle Behaviour Change -- Monitoring Metabolic Complications of Excess Weight in Childhood -- Evaluation of Weight Management Programmes -- References -- Chapter 9 Understanding Obesity in Early Life -- Introduction -- Risk Factors for Obesity in Childhood -- Genetic Risk Factors for Obesity -- Environmental Risk Factors for Obesity -- Dietary Risk Factors in Early Life -- Complementary Feeding and Risk of Obesity -- Preschool Diet and Risk of Obesity -- Dietary Patterns in Preschool Children and Risk of Obesity -- Portion Size -- Physical Activity and Sedentary Behaviours in Preschool Children -- Developmental Risk Factors -- Nutrition and Growth -- Overview.

Interventions to Prevent Obesity in Early Life -- The Planet Munch Healthy Lifestyle Programme for Preschool Children -- References -- Chapter 10 Family Meal Times -- Introduction -- Benefits of Family Mealtimes -- Fussy Eating -- Behaviour -- The Antecedent -- Consequence -- Parenting Styles -- Strategies -- Considerations Prior to Implementing a Strategy -- Antecedent-based Strategies -- Consequence-based Strategies -- Further Considerations -- Increasing Foods: Diet Variety -- Likes versus Dislikes -- Portion Sizes -- Measuring Progress -- Autism Spectrum Disorder and Other Developmental Disorders -- Conclusions -- References -- Chapter 11 Childhood Weight Management in Practice -- Introduction -- Service Structure -- Delivery Team -- Uni-profession Delivery -- Programme Structure -- Family Base Programme -- Assessment -- Daisy - A Case Study -- Programme Background -- Identification of Nutritional Need -- Assessment -- Nutrition and Dietetic Diagnosis -- Strategy -- Implementation -- Monitor and Review -- Evaluation -- Continuing the Management Pathway -- Bariatric Surgery -- Pharmacology -- References -- Chapter 12 Adolescent Weight Management: The Factors for Clinicians to Be Aware -- Introduction -- Parental Role -- Interpersonal Conflict Leading to Emotional Eating -- Neurodevelopment -- Neurodiversity -- Hormones -- Weight Stigma -- Sexual and Gender Diversity -- Sleep -- Physical Activity -- Pregnancy -- Social Injustice -- Adverse Childhood Events -- Additional Factors for Clinical Consideration -- Making Sense of this Clinically -- References -- Chapter 13 Weight Management Considerations in Children Living with Special Educational Needs and Disability -- Introduction -- Prevalence -- Challenges and Risk Factors -- Reduced Energy Requirements -- Limited Physical Ability -- Selective Eating Habits.

Intellectual Ability and Behavioural Challenges -- Condition-Specific Medication Side Effects -- Parenting Style -- Environment -- Growth Assessment -- Alternative Approaches to Weighing -- Segmental Growth Measures -- 2-6Years -- 7-18Years -- Condition-Specific Growth Charts -- Components of Management -- Aims of Management -- Diet Concepts -- Energy Deficit -- Simple Strategies -- Physical Activity -- Behaviour and Environment -- Sensory-Food Integration -- Access -- Routine -- Considerations of Management -- Family-Centred Interventions -- Social Learning Theory -- Goal Setting -- Communication -- Self-Monitoring -- Group Versus One-to-One Interventions -- Frequency of Contact -- Role of the Multidisciplinary Team -- Summary -- References -- Chapter 14 Obesity, Safeguarding and Child Protection -- Introduction -- Why Do We Need to Know About Safeguarding? -- Does This Mean that All CYP Living with Obesity Need a Safeguarding Response? -- What Do We Mean by Safeguarding? -- What Does This Mean When Working with CYP and

Families? -- Being Able to Recognise Signs of Harm in CYP -- Adverse Childhood Experiences and Trauma Informed Practice -- Safeguarding Stages -- Early Help/Intervention -- Social Care Involvement -- Children in Care -- Legislation and Guidance -- What Research Tells Us -- Serious Case Reviews -- Learning from the Serious Case Reviews -- References -- About the Editor -- Notes on Contributors -- Index -- EULA.

Sommario/riassunto

This book, edited by Dr. Laura Stewart, provides a comprehensive guide to managing obesity in children and adolescents. It focuses on practical approaches for healthcare professionals dealing with weight management among young people. The content includes insights from both those living with obesity and healthcare practitioners, offering a balanced perspective on the challenges and strategies for effective intervention. Key topics include the role of behavioral change tools, the impact of stigma and self-esteem, and the importance of professional attitudes and qualities. The book aims to support practitioners with evidence-based advice and is intended for healthcare professionals, educators, and policymakers involved in health and wellness programs for youth.
