

1. Record Nr.	UNINA9910300326303321
Titolo	Nutrition and Diet in Maternal Diabetes : An Evidence-Based Approach / / edited by Rajkumar Rajendram, Victor R. Preedy, Vinood B. Patel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Humana , 2018
ISBN	3-319-56440-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XXXVI, 514 p. 66 illus., 44 illus. in color.)
Collana	Nutrition and Health
Disciplina	616.2
Soggetti	Clinical nutrition Endocrinology Maternal and child health services Obstetrics Clinical Nutrition Endocrinology Maternal and Child Health Obstetrics/Perinatology/Midwifery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I: Definitions, Characterization and Diagnosis -- Global Estimates of Hyperglycaemia in Pregnancy: Determinants and Trends -- Diagnosis of Gestational Diabetes -- Evaluation of Glycemic Control Indexes During Pregnancy: The Role of HbA1c, Glycated Albumin, and Fructosamine -- Mental Health and Diabetes During Pregnancy: Is it Chicken or Egg? -- Part II: The Type I Diabetic Mother -- Maternal Overweight and Obesity in Pregnancies Complicated by Type 1 Diabetes -- Glycemic Control and Insulin in Type 1 Diabetic Pregnancies -- Part III: Global Findings in Gestational Diabetes -- Maternal Diabetes in Pregnancy: Iran Perspectives -- 25-Hydroxyvitamin D and its Impact on Pregnancy Outcomes and Gestational Diabetes in China -- Diagnosis of Gestational Diabetes Mellitus: Italian Perspectives on Risk Factor Based Screening -- Part IV: Genetic and Molecular Factors Associated with Maternal Gestational Diabetes -- Metabolic Fingerprints of Gestational

Mellitus -- Genetic and Epidemiological Indications for Adiponectin Gene Dysregulation in Gestational Mellitus -- The Retinol Binding Protein-4 (RBP4) Gene and Gestational Diabetes -- Biomarkers of Metabolic and Cardiovascular Risk in Gestational Diabetes -- Fish Oil and Cardiac Akt/mTOR-mediated Insulin Resistance in Infants with Maternal Diabetes -- Part V: Pre-existing Conditions and Gestational Diabetes Risk -- Hypertensive Disorders of Pregnancy in Gestational Diabetes -- Links between Polycystic Ovary Syndrome and Gestational Diabetes -- Bariatric Surgery and its Impact on Gestational Diabetes -- Part VI: Dietary Interventions and Exercise -- Myo-inositol Supplementation in Gestational Diabetes -- Treatments with Low Glycaemic Index Diets in Gestational Diabetes -- Low-carbohydrate Diet for the Treatment of Gestational Diabetes Mellitus -- Using the Good Metabolome to Understand the Relationship between Maternal Diet and Gestational Diabetes -- Probiotics in the Prevention of Gestational Diabetes Mellitus -- The Role of Exercise in the Management of Gestational Diabetes Mellitus -- Part VII: Postpartum Effects of Gestational Diabetes -- Postpartum Glucose Intolerance in Gestational Diabetes -- Diet after Gestational Diabetes (GDM) -- Postpartum Oxidative Stress Markers in Woman with Previous Gestational Diabetes in Relation to Vascular Damage -- Neurodevelopmental Outcome in Offspring Born Following Gestational Diabetes -- Part VIII: Breast Feeding and Maternal Hyperglycemia -- Breastfeeding after Diabetes in Pregnancy: Thailand Perspectives -- Gestational Diabetes and Peptides in Breast Milk -- Dietary Advice and Glycemic Control in Woman with Type 1 Diabetes During Preconception Counselling, Pregnancy and Breastfeeding -- Part IX: Specific Dietary Components and Weight Gain -- Excessive Gestational Weight Gain and Pregnancy Outcomes in Gestational and Pre-gestational Diabetes -- Diet and Carbohydrate Food Knowledge in Gestational Diabetes: Challenges and Opportunities for Lifestyle Interventions -- Higher-complex Carbohydrate Diets in Gestational Diabetes -- Polyunsaturated Fatty Acids and Gestational Diabetes -- Folic Acid and Gestational Diabetes: Foundations for Further Studies -- Iron and Oxidative Stress in Gestational Diabetes -- Part X: Recommended Resources on Maternal Diabetes.

Sommario/riassunto

This comprehensive volume covers all aspects of nutrition in different scenarios of maternal diabetes, including the Type 1 or Type 2 diabetic mother, gestational diabetes, and postpartum diabetes. The volumes offer a comprehensive, yet thorough, overview of the subject, from the prevalence, risk factors, and insulin requirements of the mother; to possible outcomes and effects on the infant; to dietary advice in general and specific scenarios; and information on macro and micronutrient supplements. There is also a special section on international perspectives on maternal diabetes, with ten chapters that each focus on a different country. Nutrition and Diet in Maternal Diabetes: An Evidence-Based Approach offers an overview of the Type 1 and type 2 diabetic mother, maternal and offspring aspects of gestation diabetes, and breastfeeding and maternal gestational diabetes.
