

1. Record Nr.	UNINA9910132258703321
Titolo	International textbook of diabetes mellitus // editors-in-chief Ralph A. DeFronzo [and three others]
Pubbl/distr/stampa	Chichester, England : , : Wiley Blackwell, , 2015 ©2015
ISBN	1-118-38767-8 1-118-38765-1 1-118-38768-6
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (1203 p.)
Disciplina	616.4/62
Soggetti	Diabetes Diabetis Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Contents; Contributors; Preface; Section I Epidemiology; Chapter 1 Classification of diabetes mellitus and other categories of glucose intolerance; Introduction; Historical perspective and current classifications; Previous classifications; Current classification; Type 1 process; Type 2 process; Other specific types; Classification of genetic disorders; Genetic defects of -cell function; Genetic defects in insulin action; Diseases of the exocrine pancreas; Endocrinopathies; Drug-or chemical-induced diabetes; Infections; Uncommon but specific forms of immune-mediated diabetes mellitus Other genetic syndromes associated with diabetesDiabetes in children and youth; Diagnosis of diabetes using HbA1c; Diagnosis of gestational diabetes mellitus; Impaired glucose regulation (impaired glucose tolerance and impaired fasting glycemia); Normoglycemia; Summary; References; Chapter 2 Epidemiology and risk factors for type 1 diabetes mellitus; Introduction; Prevalence and incidence; Geographic location; Race and ethnicity; Age and gender; Increasing incidence and seasonality; -Cell autoimmunity and risk factors; Family history of

T1DM; HLA class II susceptibility genotypes

Other genetic factors associated with type 1 diabetes; Islet autoantibodies; Autoantibody screening among relatives; Autoantibody screening in the general population; Measurement of autoantibodies in adult-onset diabetes; Measurement of  $\beta$ -cell function; Environmental factors; Gene-environment interaction in clinical type 1 diabetes; Established type 1 diabetes; Clinical onset; Remission (honeymoon period); Acute complications; Morbidity and mortality; References; Chapter 3 Epidemiology and geography of type 2 diabetes mellitus; Age- and sex-specific prevalence of type 2 diabetes in different ethnic groups; Diagnostic criteria for diabetes; Conversion factors for glucose concentrations; Age- and sex-specific plasma glucose concentration; Age- and sex-specific prevalence of diabetes; Previously undiagnosed diabetes; Prevalence of impaired glucose tolerance and impaired fasting glycemia in different ethnic groups; Europe; Asia; Sex differences in prevalence of diabetes, IGT, and IFG; The ratio of IGT to diabetes; Secular trends in prevalence of type 2 diabetes; Type 2 diabetes in children; Prevalence and incidence; Characteristics and diagnosis; Risk factors; Complications and comorbid conditions; Modifiable risk factors for type 2 diabetes; Obesity; Physical activity; Dietary factors; Nontraditional modifiable risk factors for type 2 diabetes; Inflammation; Smoking; References; Section II Physiology of pancreatic function; Chapter 4 Development and maintenance of the islet cell; Introduction; Pancreas development; Induction of the definitive endoderm; Patterning of the gut tube into organ domains; Induction of the dorsal and ventral pancreatic buds; Pancreatic growth and epithelial branching morphogenesis

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Sommario/riassunto

The International Textbook of Diabetes Mellitus has been a successful, well-respected medical textbook for almost 20 years, over 3 editions. Encyclopaedic and international in scope, the textbook covers all aspects of diabetes ensuring a truly multidisciplinary and global approach. Sections covered include epidemiology, diagnosis, pathogenesis, management and complications of diabetes and public health issues worldwide. It incorporates a vast amount of new data regarding the scientific understanding and clinical management of this disease, with each new edition always reflecting th

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