

1. Record Nr.	UNINA9910768464403321
Titolo	Pediatric hypertension // edited by Joseph T. Flynn, Julie R. Ingelfinger, Tammy M. Brady
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-06231-0
Edizione	[5th ed. 2023.]
Descrizione fisica	1 online resource (975 pages)
Disciplina	354.81150006
Soggetti	Hypertension in children
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Neurohumoral and Autonomic Regulation of Blood Pressure -- Vasoactive Factors and Blood Pressure in Children -- Cardiovascular Influences on Blood Pressure -- Ions and Fluid Dynamics in Hypertension -- Uric Acid in the Pathogenesis of Hypertension -- Insulin Resistance and Other Mechanisms of Obesity Hypertension -- Monogenic and Polygenic Contributions to Hypertension -- Perinatal Programming and Blood Pressure -- Heritability and Familial Aggregation of Blood Pressure -- The Role of Dietary Electrolytes and Childhood Blood Pressure Regulation -- Endothelial Dysfunction and Vascular Remodeling in Hypertension -- Early life stress and blood pressure -- Salt Sensitivity in Childhood Hypertension -- Early vascular aging in childhood hypertension -- Methodology of Casual Blood Pressure Measurement -- Value of Routine Screening for Hypertension in Childhood -- Development of Blood Pressure Norms and Definition of Hypertension in Children -- Ambulatory Blood Pressure Monitoring Methodology and Norms in Children -- Methodology and Applicability of Home Blood Pressure Monitoring in Children and Adolescents -- Epidemiology of Hypertension and CVD in Children -- Ethnic Differences in Childhood Blood Pressure -- Obesity Hypertension: Clinical Aspects -- Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome -- Primary Hypertension in Children -- White Coat Hypertension -- Hypertension in Chronic Kidney Disease -- Hypertension in End-Stage Renal Disease: Dialysis -- Hypertension in

End-Stage Renal Disease: Transplantation -- Renovascular Hypertension, Vasculitis and Aortic Coarctation -- Endocrine Hypertension -- Neonatal and Infant Hypertension -- Sleep Apnea and Hypertension -- Hypertension in the Pregnant Teenager -- Cognitive and Behavioral Aspects of Childhood Hypertension -- Stroke and Childhood hypertension -- Substance-Induced Hypertension: Mechanisms and Management -- Hypertension in Oncology and Stem-cell Transplant Patients -- Hypertension in Older Adolescents and Young Adults -- Hypertension in the Developing World -- Diagnostic Evaluation of Pediatric Hypertension -- Sequelae of Hypertension in Children and Adolescents -- Cardiovascular Assessment of Childhood Hypertension -- The Role of ABPM in Evaluation of Hypertensive Target-Organ Damage -- Exercise Testing in Hypertension and Hypertension in Athletes -- Nonpharmacologic Treatment of Pediatric Hypertension -- Pharmacologic Treatment of Pediatric Hypertension -- Management of Hypertensive Emergencies -- Hypertension Care during Emergencies and Pandemics -- Hypertensive Models and Their Relevance to Pediatric Hypertension -- Cohort Studies, Meta-analyses, and Clinical Trials in Childhood Hypertension -- Changes in Drug Development Regulations and Their Impact on Clinical Trials. .

---

Sommario/riassunto

For the past 17 years, Pediatric Hypertension has served as the definitive reference text on hypertension in children and adolescents. Each edition has incorporated the latest research on the pathophysiology, clinical significance and management of hypertension in the young, and has incorporated the most current consensus guidelines on diagnosis and management. The years since publication of the fourth edition have seen further advances in the field that merit publication of an updated, expanded text, including: Analysis of the implications of updated hypertension guidelines on identification of youth at highest cardiovascular risk Additional data on the proximate effects of high blood pressure in children in adolescents Further understanding of the links between high blood pressure in youth and surrogate markers of adult cardiovascular disease The fifth edition is a readable, informative text that provides a comprehensive guide to the diagnosis, management and therapy of hypertension in children and adolescents, and presents new data that very clearly indicate that the origins of adult cardiovascular disease are rooted in pediatric hypertension. It will, as a result, be very important for therapeutic decisions and will also be highly relevant for those in internal medicine, who care for the millions of adults who have hypertension, cardiovascular disease and kidney disease. In this sense, the book fulfills the longstanding goal of showing that hypertension that begins in childhood is important to track, diagnose and treat, and that the present understanding of adult hypertension necessitates the study of blood pressure in youth. The fifth edition has a similar structural format to the prior editions and covers all aspects of pediatric hypertension, from basic science research to the most recent clinical information.

---