

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910163018503321 |
| Titolo | Paediatric thyroidology // volume editor Gabor Szinnai |
| Pubbl/distr/stampa | Basel, Switzerland : , : S. Karger AG, , 2014 ©2014 |
| ISBN | 3-318-02721-9 |
| Descrizione fisica | 1 online resource (262 p.) |
| Collana | Endocrine Development, , 1662-2979 ; ; Volume 26 |
| Disciplina | 616.44 |
| Soggetti | Thyroid gland - Diseases Thyroid gland - Diseases - Diagnosis Thyroid gland - Diseases - Alternative treatment |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "51 figures, 17 in color, and 26 tables, 2014"--Cover. |
| Nota di bibliografia | Includes bibliographical references and indexes. |
| Nota di contenuto | ""Cover""; ""Front Matter""; ""Contents""; ""Preface""; ""Thyroid Hormone Physiology""; ""Evolution, Child Development and the Thyroid: A Phylogenetic and Ontogenetic Introduction to Normal Thyroid Function""; ""Abstract""; ""Making of Thyroid Hormones""; ""Which Was First, the Thyroid Hormone or Its Receptor?""; ""Metamorphosis Matters""; ""The Appearance of the Gland""; ""Losing Thyroid Self-Control: The Pituitary Takes Over""; ""Evolution of Thyroid Hormone Function in Humans""; ""Thyroid Hormones and Human Brain Development""; ""Acknowledgement""; ""References"" ""Human Fetal Thyroid Function""""Abstract""; ""Development of the Normal Thyroid Gland""; ""Early Human Fetal Thyroid Function: First Trimester""; ""Late Human Fetal Thyroid Function: After the First Trimester""; ""Examples of Primary Human Fetal Thyroid Dysfunction: Down Syndrome and Hormonosynthesis Defects""; ""Conclusion""; ""Acknowledgments""; ""References""; ""The Role of Thyroid Hormones for Brain Development and Cognitive Function""; ""Abstract""; ""Thyroid Hormone Action in Brain Development: Animal Evidence""; ""Maternal Thyroid Hormone Is Necessary for Early Brain Development"" ""What Happens when the Maternal Thyroid Hormone Supply Is Insufficient?""""What Happens when the Infanta€?s Thyroid Hormone Supply Is Insufficient?""; ""Maternal Hypothyroidism and Congenital |

Hypothyroidism: Distinct Models of Thyroid Hormone Loss at Different Times in Development"; "Conclusion"; "References"; "Congenital Hypothyroidism"; "Neonatal Screening for Congenital Hypothyroidism"; "Abstract"; "History of Neonatal Screening for Congenital Hypothyroidism"; "Screening Organization"; "Screening Strategy"; "Screening Protocols"; "Confirmation of Congenital Hypothyroidism"; "Follow-Up"; "Conclusion"; "References"; "Neonatal Screening for Congenital Hypothyroidism"; "Abstract"; "History of Neonatal Screening for Congenital Hypothyroidism"; "Screening Organization"; "Screening Strategy"; "Screening Protocols"; "Confirmation of Congenital Hypothyroidism"; "Follow-Up"; "Conclusion"; "References"; "Diagnosis, Treatment and Outcome of Congenital Hypothyroidism"; "Abstract"; "Diagnosis"; "Treatment"; "Outcome"; "Mild Isolated Hyperthyrotropinemia"; "Acknowledgments"; "References"; "Clinical Genetics of Congenital Hypothyroidism"; "Abstract"; "Thyroid Dysgenesis"; "Thyroid Dysmorphogenesis"; "Frequency of Monogenetic Forms of CH"; "Conclusions: Why Genetics?"; "Acknowledgements"; "References"; "Central Hypothyroidism in Children"; "Abstract"; "Neonatal Screening Programs for Central Congenital Hypothyroidism"; "Central Control of Thyroid Function: Hormonal and Molecular Actors"; "Animal and Cellular Models of Central Hypothyroidism"; "Central Hypothyroidism in Pediatrics"; "Clinical Forms of Human Central Hypothyroidism"; "Conclusions and Perspectives"

Sommario/riassunto

This book presents a comprehensive overview of pediatric thyroid diseases and thus provides a useful tool for clinical problem solving. Opinion leaders in the field present reviews on all relevant diseases of the hypothalamic-pituitary-thyroid axis. Sixteen chapters cover topics ranging from fetal thyroidology, congenital hypothyroidism, central hypothyroidism, inherited defects of thyroid hormone action, cell transport and metabolism to iodine deficiency, autoimmune thyroid disease and thyroid tumors. Written by clinicians, the chapters provide in-depth information and current guidelines for clinical problems encountered in pediatric thyroidology. As a unique feature, a case seminar collection for each chapter presents typical patient histories providing key learning points and key references for clinical problem solving in family medicine, pediatric endocrinology and medical genetics. Providing a succinct update on clinical pediatric thyroidology, this book is an essential tool for pediatric and adult endocrinologists, as well as for general practitioners, pediatricians and medical geneticists.
