This book presents a comprehensive overview of paediatric 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 foetal thyroidology, congenital hypothyroidism, central hypothyroidism, inherited defects of thyroid hormone action, cell transport and metabolism to iodine deficiency, autoimmune thyroid disease and thyroid tumours. Written by clinicians, the chapters provide in-depth information and current guidelines for clinical problems encountered in paediatric 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, paediatric endocrinology and medical genetics.

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European Thyroid Journal

Aims and Scope
The European Thyroid Journal publishes papers reporting original research in basic, translational and clinical thyroidology. Original contributions cover all aspects of the field from molecular and cellular biology to immunology and biochemistry, physiology to pathology, and paediatric to adult thyroid diseases with a special focus on thyroid cancer. Readers also benefit from reviews by noted experts, which highlight especially active areas of current research. The journal will further publish formal guidelines in the field, produced and endorsed by the European Thyroid Association.

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Recent insights and hot topics in basic, translational and clinical thyroidology

Thyroid Trans Act
Recent Advances in Translation of Thyroid Hormone Action beyond Classical Concepts
Editors
Heike Biebermann
Klaudia Brix
Dagmar Führer

Proper thyroid hormone (TH) action is crucial for almost all organ systems, and changes of TH levels have physiological consequences. However, a definition of a ‘normal’ TSH range and ‘normal’ T3 and T4 concentrations remains the subject of debates worldwide and has important implications on clinical treatment. Over the last years, new players in TH action, such as TH transporters or novel TH metabolites, which contribute to obtaining a more comprehensive picture of TH action.

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2nd, revised edition

Editors
Wilmar M. Wiersinga
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This edition also introduces readers to several graphical statistical tools, such as Q-Q plots to check normality, residual plots for multiple regression models, funnel plots to detect publication bias in a meta-analysis, and Bland-Altman plots for assessing agreement in clinical measurements. New examples that better serve the expository goals have been added to a half-dozen chapters. In addition, there are new sections describing exact confidence bands for the Kaplan-Meier estimator, as well as negative binomial and zero-inflated Poisson regression models for over-dispersed count data.

The end result is not only an excellent introduction to medical statistics, but also an invaluable reference for every discerning reader of medical research literature.

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Role of Core Needle Biopsy in the Management of Atypia/Follicular Lesion of Undetermined Significance Thyroid Nodules: Comparison with Repeat Fine-Needle Aspiration in Subcategory Nodules

Presence of Thyroid-Stimulating Hormone Receptor Antibodies in a Patient with Subacute Thyroiditis followed by Hypothyroidism and Later Graves' Disease with Ophthalmoopathy: A Case Report
Hallengren, B.; Planck, T.; Åsman, P.; Lantz, M. (Malmö/Lund)

Comorbid Latent Adrenal Insufficiency with Autoimmune Thyroid Disease
Yamamoto, T. (Yao)

Unusual Manifestation of Graves' Disease: Ventricular Fibrillation