

New guidelines for managing hyperthyroidism and other causes of thyrotoxicosis

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Credit: Mary Ann Liebert, Inc., publishers

New evidence-based recommendations from the American Thyroid Association (ATA) provide guidance to clinicians in the management of patients with all forms of thyrotoxicosis (excessively high thyroid hormone activity), including hyperthyroidism. Appropriate treatment of thyrotoxicosis requires an accurate diagnosis, and the 124 recommendations presented in the new Guidelines help define current best practices for patient evaluation, diagnosis, and treatment. The Guidelines, published in *Thyroid*, a peer-reviewed journal from Mary

Ann Liebert, Inc., publishers and the official journal of the ATA, are available free on the *Thyroid* website.

The "2016 American Thyroid Association Guidelines for Diagnosis and Management of Hyperthyroidism and Other Causes of Thyrotoxicosis" were coauthored by an international task force of expert clinicians and researchers in the field of thyroidology. Led by Chair Douglas Ross, MD, Massachusetts General Hospital, Boston, MA, the task force provides a solid foundation of knowledge on the scope, potential causes, and clinical consequences of thyrotoxicosis. The Guidelines include recommendations on how to evaluate patients and diagnose and manage the different types of disease, how to handle thyrotoxicosis in pregnancy, and how to select and implement the various treatment options such as surgery, radioactivity, and antithyroid drugs.

"These ATA guidelines, written by an international and multidisciplinary [task force](#), provide a significant update compared to the previous version published in 2011 because they integrate recent studies and developments in practice trends," says Peter A. Kopp, MD, Editor-in-Chief of *Thyroid* and Associate Professor of Medicine, Division of Endocrinology, Metabolism, and Molecular Medicine, Northwestern University Feinberg School of Medicine, Chicago. "They form a detailed and balanced framework for the diagnosis and management of patients with different etiologies of thyrotoxicosis that is based on the currently available evidence."

"This is a carefully prepared, well thought out, and comprehensive set of guidelines for the diagnosis and treatment of hyperthyroidism. An invaluable resource for residents, internists, and endocrinologists to have at hand," says Antonio C. Bianco, MD, PhD, President of the ATA, President of Rush University Medical Group, and Vice Dean of Clinical Affairs for Rush Medical College.

"Some of the highlights of the 2016 [guidelines](#) are the changing paradigms for the evaluation and management of Graves' disease with more reliance upon the measurement of thyrotropin receptor antibodies, new approaches for managing hyperthyroid patients desiring pregnancy, new approaches in the management of calcium metabolism prior to [thyroid](#) surgery, and a critical re-evaluation of the long-term toxicity of antithyroid drugs," says Dr. Ross. "Sections on less common causes of thyrotoxicosis have been expanded."

More information: Douglas S. Ross et al, 2016 American Thyroid Association Guidelines for Diagnosis and Management of Hyperthyroidism and other causes of Thyrotoxicosis, *Thyroid* (2016). DOI: [10.1089/thy.2016.0229](https://doi.org/10.1089/thy.2016.0229)

Provided by Mary Ann Liebert, Inc

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