

# New diagnostic criteria and treatment guidelines proposed for thyroid storm

January 2 2018

---



Credit: Mary Ann Liebert, Inc., publishers

With a mortality rate estimated at 10%, the life-threatening condition known as thyroid storm (TS) demands rapid diagnosis and treatment and can benefit from new evidence-based guidelines for TS developed by researchers in Japan. The article entitled "Thyroid Storm: A Japanese Perspective" is part of a special section on Japanese Research led by Guest Editor Yoshiharu Murata, Nagoya University, Japan, in the January 2018 issue of *Thyroid*.

In the article, author Takashi Akamizu, Wakayama Medical University, Japan, presents updated diagnostic criteria, extensively revised patient management and treatment guidelines, and newly developed algorithms based on information gathered on patients with TS from hospitals throughout Japan and from the medical literature. The most common cause of death from [thyroid](#) storm was multiple organ failure, followed by [congestive heart failure](#), respiratory failure, and arrhythmia. Also identified are as yet unanswered clinical questions and the future studies needed to better understand TS and its outcomes and prognosis.

"The definition of TS is often somewhat vague, and many reports are of an anecdotal nature. The efforts by our Japanese colleagues to better define the [diagnostic criteria](#) and management recommendations are, therefore, highly welcome," says Peter A. Kopp, MD, Editor-in-Chief of *Thyroid* and Professor of Medicine, Division of Endocrinology, Metabolism, and Molecular Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL. "The proposed framework will serve as a solid foundation for future research and reflection about this challenging clinical entity."

**More information:** Takashi Akamizu, Thyroid Storm: A Japanese Perspective, *Thyroid* (2017). [DOI: 10.1089/thy.2017.0243](https://doi.org/10.1089/thy.2017.0243)

Provided by Mary Ann Liebert, Inc

Citation: New diagnostic criteria and treatment guidelines proposed for thyroid storm (2018, January 2) retrieved 4 May 2024 from <https://medicalxpress.com/news/2018-01-diagnostic-criteria-treatment-guidelines-thyroid.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.