

New guidelines issued for pediatric fever and neutropenia

September 19 2012

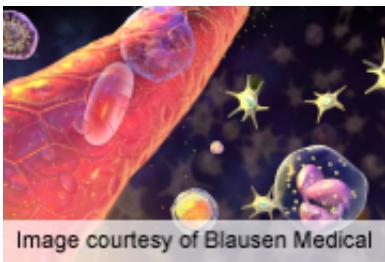


Image courtesy of Blausen Medical

New evidence-based guidelines have been compiled on the management of fever and neutropenia in children with cancer and/or who are undergoing hematopoietic stem-cell transplantation; the guidelines were published online Sept. 17 in the *Journal of Clinical Oncology*.

(HealthDay)—New evidence-based guidelines have been compiled on the management of fever and neutropenia (FN) in children with cancer and/or who are undergoing hematopoietic stem-cell transplantation; the guidelines were published online Sept. 17 in the *Journal of Clinical Oncology*.

Thomas Lehrnbecher, M.D., of the Johann Wolfgang Goethe University in Frankfurt, Germany, and colleagues from the International Pediatric Fever and Neutropenia Guideline Panel followed validated procedures to create evidence-based guidelines for the management of FN in children with cancer and/or undergoing hematopoietic stem-cell transplantation.

Based on the evidence in the literature, summaries were compiled and the evidence graded. The panel made recommendations in the following areas: initial presentation, including risk stratification, initial evaluation, and treatment; ongoing management, which included cessation of empiric antibiotics; and empiric antifungal treatment for FN, comprising risk stratification, assessment, and treatment.

"This guideline represents an evidence-based approach to FN specific to children with cancer," the authors write. "Although some recommendations are similar to adult-based guidelines, there are key distinctions in multiple areas. Implementation will require adaptation to the local context."

Several authors disclosed financial ties to the pharmaceutical industry.

More information: [Abstract](#)

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