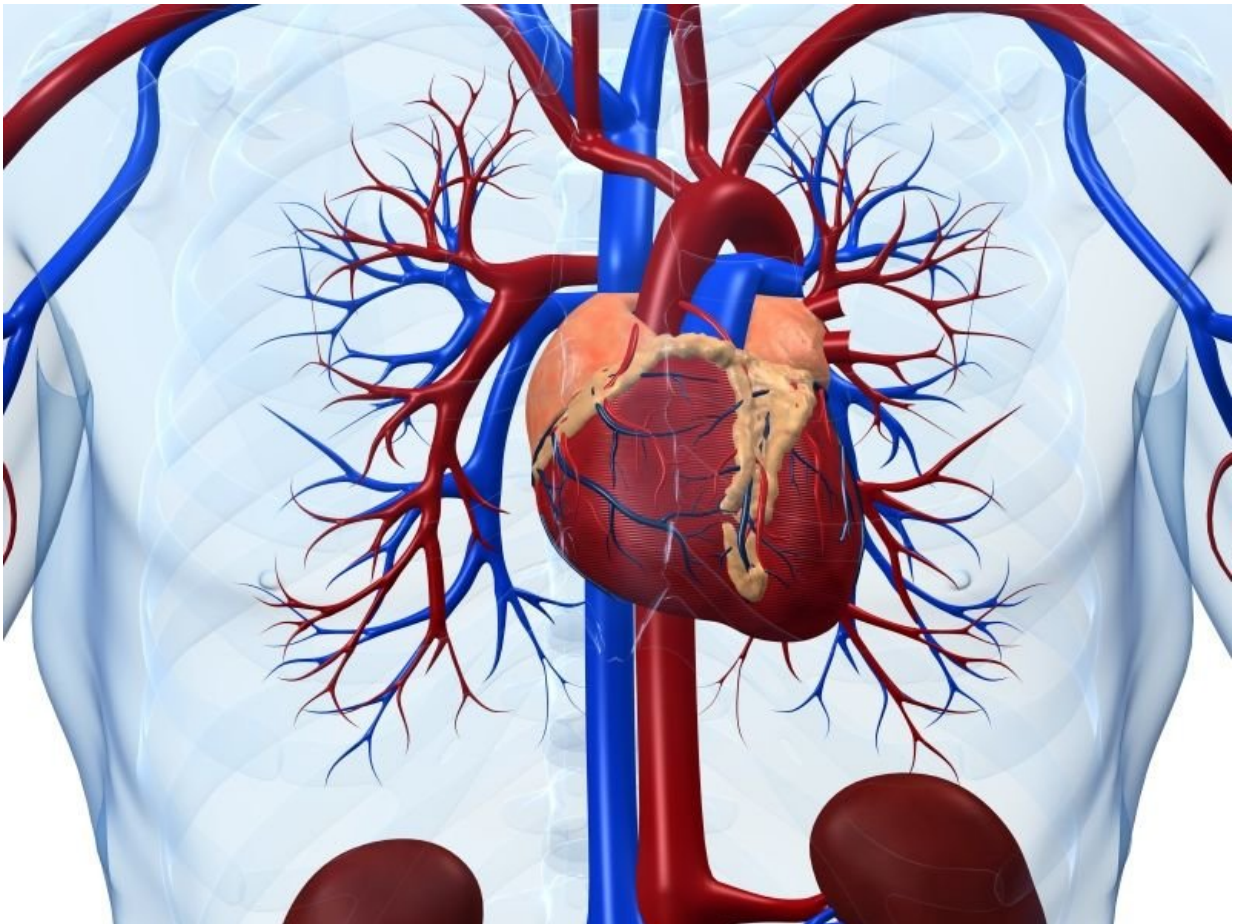


Anticoagulation guidance issued for cardiopulmonary bypass

January 22 2018



(HealthDay)—Clinical practice guidelines for anticoagulation therapy

for cardiopulmonary bypass (CPB) have been developed and were published in the February issue of the *Annals of Thoracic Surgery*.

Noting that the evidence base relating to [anticoagulation therapy](#) for CPB has not been organized into a succinct guideline and that considerable practice variability exists, Linda Shore-Lesserson, M.D., from the Zucker School of Medicine at Hofstra Northwell in Hempstead, N.Y., and colleagues conducted a systematic literature review to establish best practices in anticoagulation [therapy](#) for CPB. Data from 96 manuscripts were reviewed, and 17 manuscripts, considered sentinel publications and published before 2000, were included to provide method, context, or additional supporting evidence.

The researchers developed recommendations based on review of the articles; for each recommendation they achieved more than two-thirds agreement. Recommendations were written in three areas: heparin dosing and monitoring for CPB initiation and maintenance; contraindications and alternatives to heparin; and anticoagulation reversal during cardiac procedures.

"It is hoped that this guideline will serve as a resource and will stimulate investigators to conduct more research and to expand on the evidence base on the topic of [anticoagulation](#) therapy for CPB," the authors write.

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