

High-value research of 2014 presented for peri-op medicine

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(HealthDay)—Articles relating to perioperative cardiac medicine, perioperative β -blocker use, perioperative pulmonary medicine, venous thromboembolism prophylaxis, and perioperative medication management are included in a special update summary published online April 30 in the *Annals of Internal Medicine*.

Karen F. Mauck, M.D., and Karna K. Sundsted, M.D., from the Mayo Clinic and Mayo Clinic College of Medicine in Rochester, Minn., systematically reviewed the literature and identified articles published in 2014. Nine articles were summarized that met predetermined criteria of clinical relevance to internal medicine physicians, potential for practice change, and strength of evidence.

The authors included articles that related to perioperative cardiac medicine, including guidelines on cardiovascular evaluation,

perioperative β -blocker use, and postoperative troponin elevation. Within the field of perioperative pulmonary medicine, articles highlighted the use of preoperative inspiratory training and preoperative diagnosis and treatment of [obstructive sleep apnea](#). One study in the field of [venous thromboembolism](#) prophylaxis examined the effectiveness of combined compression and anticoagulation versus either modality alone. In the field of perioperative medication management, one study was included that discussed the safety of discontinuation of angiotensin-converting enzyme inhibitor and [angiotensin receptor blocker](#) treatment before surgery.

"This summary highlights nine key articles in perioperative medicine published in 2014," the authors write. "We gave priority to practice guidelines or meta-analyses that addressed clinical questions important to perioperative care."

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