

# Regional anesthesia tied to lower opioid use in TKA, THA

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(HealthDay)—Regional anesthesia is associated with a lower opioid consumption in both knee and hip replacement surgeries, compared to general anesthesia, according to a study published May 14 in *PAIN Practice*.

Katharina Donauer, M.D., from Saarland University in Homburg, Germany, and colleagues used the international PAIN OUT registry (2010 to 2016) to identify 2,346 cases of [knee arthroplasty](#) and 2,315 of hip arthroplasty. The authors sought to compare morphine consumption on the first postoperative day based upon the use of [regional anesthesia](#) versus [general anesthesia](#).

The researchers found that for knee surgery, regional anesthesia was associated with reduced opioid consumption (P

"All cohorts with regional anesthesia showed a reduced opioid consumption not leading to reduced odds for nausea compared to systemic analgesia," the authors write.

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