

Caudal block linked to post-urethroplasty complications

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patients with caudal block had an odds ratio of 2.1 for the development of postoperative complications ($P = 0.018$).

"This analysis demonstrates that caudal block is associated with [surgical complications](#) after tubularized incised plate urethroplasty," the authors write.

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(HealthDay)—For pediatric patients undergoing urethroplasty, caudal block is associated with surgical complications, according to a study published online May 9 in *Anaesthesia*.

M.H. Kim, from the Yonsei University College of Medicine in Seoul, South Korea, and colleagues examined the correlation between caudal block and [postoperative complications](#) after tubularized incised plate urethroplasty. The authors retrospectively analyzed medical records of 388 [pediatric patients](#) who underwent urethroplasty.

The researchers found that of the 342 patients included, 216 received a caudal block and 21.1 percent suffered surgical complications. Surgical complications occurred in significantly more patients who received a caudal block than those who did not receive a caudal block (24.5 versus 15.1 percent; $P = 0.04$). Independent risk factors for surgical complications included duration of surgery, caudal block, and hypospadias types. Compared with patients without caudal block,

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