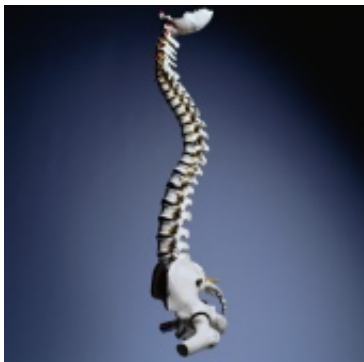


Lower RASDS complications for higher hospital, surgeon volume

26 August 2015



Several authors disclosed financial ties to the medical device industry.

More information: [Abstract](#)
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(HealthDay)—Perioperative complication rates are lower with increased hospital and surgeon volume for revision adult spinal deformity surgery (RASDS), according to research published in the Sept. 1 issue of *The Spine Journal*.

Justin C. Paul, M.D., from the NYU Hospital for Joint Diseases in New York City, and colleagues conducted a retrospective analysis to examine complication rates in RASDS by surgeon and hospital operative volume. Patients older than 21 years with spine arthrodesis for scoliosis were included.

Of the 139,150 adult spinal deformity surgery cases, the researchers identified 4,888 revisions with hospital identifiers and 1,978 with surgeon identifiers. More revision cases and cases requiring osteotomy were performed by higher-volume [surgeons](#). The complication rate for RASDS decreased with increasing hospital volume (9.7 versus 12.9 percent at highest versus lowest-volume centers; P

"Future inter-[hospital](#) and inter-surgeon comparisons should account for these case characteristics so that similar case complexity is compared in these analyses," the authors write.

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