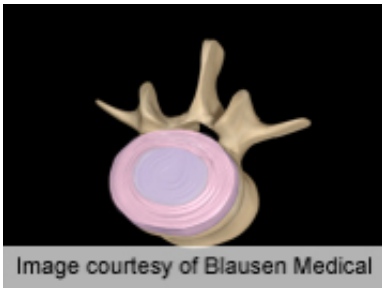


Kineflex-L, CHARITE artificial discs yield similar outcomes

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The Kineflex-L Disc and the CHARITE artificial disc produce similar outcomes in patients undergoing lumbar total disc replacement, according to a study published in the May 20 issue of *Spine*.

(HealthDay)—The Kineflex-L Disc and the CHARITE artificial disc produce similar outcomes in patients undergoing lumbar total disc replacement (TDR), according to a study published in the May 20 issue of *Spine*.

Richard D. Guyer, M.D., from the Texas Back Institute in Plano, and colleagues analyzed data from a multicenter trial of 457 [patients](#) undergoing TDR for single-level symptomatic [disc degeneration](#) (261 in the investigational group receiving the Kineflex-L Disc [204 randomized and 57 nonrandomized training cases] and 196 in the control group receiving the CHARITE artificial disc [190 randomized and six nonrandomized training cases]). Patients were all treated nonoperatively

for at least six months prior to surgery. U.S. Food and Drug Administration 24-month follow-up data were used to assess clinical outcomes.

The researchers observed no significant differences between the groups for operative time, blood loss, and length of hospital stay. Significant improvement on Oswestry Disability Index and visual analogue scale scores (P control group. Reoperation occurred in 10.3 and 8.4 percent of the groups, respectively.

"This prospective, randomized, controlled study comparing two TDRs, the first to the authors' knowledge, found the devices produced very similar [clinical outcomes](#)," Guyer and colleagues conclude.

Relevant financial activities inside and outside the submitted work were disclosed: consultancy, honoraria, grants, royalties, and patents.

More information: [Abstract](#)
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