**Polyetheretherketone (PEEK) Rods in Lumbar Spine Degenerative Disease: A Case Series**


**THIS RETROSPECTIVE** study followed 42 patients treated with PEEK-OPTIMA® spine rods over a 2 year period. The documented fusion rate across the patients was 89% at a mean follow up of 31.4 months. 3 of the patients required reoperation due to non-union caused by cage migration and 5 due to adjacent segment degeneration (ASD). Reoperation rates due to ASD were statistically higher for smokers.

In this study PEEK-OPTIMA spine rods demonstrated a similar fusion and reoperation rate in comparison to alternative instrumentation for treatment of degenerative lumbar spine disease.
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S-DP-PN-E-0007-A (7/2013)