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EARLY REVISION SURGERY MORE LIKELY AS SURGEONS LEARN TO USE NEW IMPLANTS

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According to a study published in the journal *Clinical Orthopaedics and Related Research*, patients who receive a new artificial knee joint design are more likely to need early revision surgery than patients who receive an implant that surgeons are more familiar with. The authors studied mandatory registry data for total knee arthroplasty (TKA) procedures performed between 1998 and 2004 for 69 centers in Finland. They found that the first 15 patients implanted with a new endoprosthesis design were at 48% greater risk for early revision than patients who received a conventional design. The increased risk did not extend past the first 15 surgeries with the new model. The authors state that the data shows the need to manage introduction of new technology.

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