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Conversion of total shoulder arthroplasty to reverse shoulder arthroplasty made possible by custom humeral adapter

A Melconian

Havre Hospital Group, France

Reverse shoulder arthroplasty (RSA) is increasingly being used to revise anatomical total shoulder arthroplasty cases. This procedure's high complication rate has been reduced by the availability of modular shoulder system, which allows the humeral component to be preserved during the conversion. This case report describes the revision of an anatomical shoulder implant inserted in 1998. Polyethylene wear and resulting metal-on-metal contact had caused metallosis. Since the existing humeral implant was not compatible with standard conversion products, the manufacturer provided a custom humeral adapter that allowed the humeral stem to be preserved. This approach greatly simplified the surgical procedure and resulted in good anatomical and clinical outcomes after 9 months of follow-up.

Biography

Head of Department of Orthopedic Surgery and Traumatology, Le Havre Hospital Group.

azad.melconian@ch-havre.fr

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