

Indications for dual-mobility hip replacements

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This project was aiming to look at the indications for dual-mobility hip replacements. Dual-mobility hip replacements are a type of total hip replacement which aim to increase stability compared to standard total hip replacement due to the large head size, increased range of motion, and, at least theoretically, reduce wear due to lower frictional torque. Lancashire Teaching Hospitals Trust began using dual-mobility hip replacements in 2013, and this retrospective analysis looks at each of the 174 patients who received one since then to discover why they were put in and how this relates to the NICE guidelines for treating certain types of hip problems.

The results have shown that 102 were primary hip replacements for displaced intracapsular fracture of the femur, 31 were revisions for instability and 41 were for other indications, both primary and revision. Of the 174 dual-mobility cups put in, 3 have dislocated, but all were reduced successfully and have remained stable since. This gives the dual-mobility cups a current revision rate of 0%, which is very successful in comparison to the average revision rate for a standard (non-dual-mobility) total hip replacement.