SPAIRE®

Summary of the SPAIRE Technique for Hip Replacement

The tendons traditionally divided at the time of a hip replacement through a posterior surgical approach are now known to be of importance in rising from the seated position and for propulsive motions. We have developed a tendon-sparing technique appropriate for all routine primary hip replacement cases which Saves Piriformis And (Obturator) Internus with Repair of (Obturator) Externus (SPAIRE technique). Hip arthroplasty can now be performed leaving the major tendons around the hip intact.

In collaboration with Platts and Nisbett of Sheffield, SPAIRE instruments have been designed to allow good socket exposure and femoral preparation without damage to muscles and tendons. The technique we describe can be used for all routine hip replacements and for hemiarthroplasty procedures. There is less damage to muscles than usually occurs with other approaches including the Direct Anterior Approach (DAA).

The SPAIRE tendon-sparing technique obviates the need for any aids, any post-operative restrictions and may confer a reduced dislocation rate. Patients are likely to benefit from improved function. Randomised prospective studies are on-going to prove these advantages.

Any profit from the sale of these instruments is donated to an Orthopaedic Research Charity.

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SPECIALISTS IN COMPLEX AND REVISION HIP SURGERY.