

Supplementary article data

Continued stabilization of Triathlon cemented TKA

A randomized RSA study concentrating especially on continuous migration

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Table 1. Inclusion criteria

1. Patient suffering exclusively from OA, stage II–V (Ahlbäck 1968).
2. Patient requiring knee prosthesis is suitable for the use of either the Duracon or Triathlon knee system
3. Patient understands the conditions of the study and is willing and able to comply with the scheduled postoperative clinical and radiographic evaluations and the prescribed rehabilitation.
4. Patient has signed the Ethics Committee approved informed consent form prior to surgery.

Table 2. Exclusion criteria

1. Previous major knee surgery.
2. Significant disabling problems from the musculo-skeletal system other than in the knees.
3. Obese patients where obesity is severe enough to affect the subject's ability to perform activities of daily living (body mass index (BMI) ≥ 35 kg/m²).
4. Patients with active or suspected infection.
5. Patients with malignancy – active malignancy.
6. Patients with severe osteoporosis, Paget's disease, or renal osteodystrophy.
7. Patients who are immunologically suppressed, or who are receiving steroids in excess of physiologic dose requirements.
8. Patients with a neuromuscular or neurosensory deficit that would limit their ability to assess the performance of the device, or that interferes with the patient's ability to limit weight bearing or places an extreme load on the implant during the healing period.
9. Female patients planning a pregnancy during the course of the study.
10. Patients with systemic or metabolic disorders leading to progressive bone deterioration.
11. Patients who, as judged by the surgeon, are mentally incompetent or unlikely to be compliant with the prescribed postoperative routine and follow-up evaluation schedule.
12. Patients with other severe concurrent joint involvements which could affect the outcome.
13. Patients with other concurrent illnesses that are likely to affect the outcome, such as sickle cell anemia, systemic lupus erythematosus, or renal disease requiring dialysis.
14. Patients under the protection of law (e.g. guardianship).