Included: Any patient with medial compartment knee osteoarthritis suitable for UKR & listed for arthroplasty

Patients reviewed in outpatient clinic

Excluded:
- Revision replacement
- RA or inflammatory disorder
- Benefit from specific implant
- History of HTO
- Lateral compartment arthritis
- Previous septic arthritis

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Allocated to intervention UKR

Device allocation:
Patients assessed by a surgeon in equipoise will undergo UKR by that surgeon.

OR

Expertise based allocation:
Patients assessed by surgeon not in equipoise (but surgical unit is in equipoise) will undergo UKR by dedicated UKR surgeon

Clinical assessment pre-op, (2 month – safety check), 1 year, 5 year, (10 year*). Otherwise annually by postal assessment.

OKS (self report function)
HAAS (self report activity)
AKSS (clinical exam)
UCLA (self report activity)
Xrays (radiolucency & position)
EQSD (health economics)
Lund (patient satisfaction)
SF12 (2 questions)
Complications
Health care and patient resource use

* funding dependent

Direct Comparison between groups
Some subgroup analysis will be possible

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Allocated to intervention TKR

Device allocation:
Patients assessed by a surgeon in equipoise will undergo TKR by that surgeon.

OR

Expertise based allocation:
Patients assessed by surgeon not in equipoise (but surgical unit is in equipoise) will undergo TKR by dedicated TKR surgeon

Clinical assessment pre-op, (2 month – safety check), 1 year, 5 year, (10 year*). Otherwise annually by postal assessment.

OKS (self report function)
HAAS (self report activity)
AKSS (clinical exam)
UCLA (self report activity)
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