Enrolment

Assessed for eligibility

Excluded:
- Meet exclusion criteria
- Decline to participate
- Other reasons

Study population (n=80)

Baseline assessment

Randomization (1:1)

GROUP A: Tourniquet assisted TKA (n=40)
- KOOS, pain, and physical performance
- KOOS, GPE, muscle function, and physical performance
- KOOS, GPE, muscle function, and physical performance
- KOOS

GROUP B: Non-tourniquet assisted TKA (n=40)
- Allocation
- 3, 14 day follow-up
- 3 month follow-up (Primary end-point)
- 6 month follow-up
- 12 month follow-up
- KOOS

KOOS, pain, and physical performance
KOOS, GPE, muscle function, and physical performance
KOOS, GPE, muscle function, and physical performance