

# DIGITAL-KNEE Study: Adequately Diagnosing Total Knee Arthroplasty Loosening by Evaluating the AtMoves Knee System in a Routine Clinical Setting

NCT06839807

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<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Academisch Medisch Centrum - Universiteit van Amsterdam (AMC-UvA)
<b>Enrollment</b>	124 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Age 18 years or older.
  - Subjects must have underwent either unilateral or bilateral TKA surgery.
  - Aseptic loosening is one of the differential diagnoses of the treating orthopaedic surgeon
  - The treating Orthopaedic Surgeon is uncertain of the diagnosis after anamnesis, physical examination and conventional x-ray.
  - The surgeon wants additional examinations or additional imaging to arrive at the diagnosis and proposal for treatment.
- ... and 1 more (see full listing online)

### Exclusion (5)

- A clear other cause for complaints other than aseptic loosening (e.g. septic loosening, neuropathic pain, non-consolidated peri-prosthetic fracture of the bone around the TKA)
- Surgical interventions of the index knee in the year prior to the start of the complaints associated with TKA loosening.
- Posttraumatic or congenital deformation of the leg for which the loading device does not fit.
- Pregnancy or suspected pregnancy.
- Unable or unwilling to understand or sign the informed consent for this study and to undergo examination with the AtMoves Knee System.

## Locations (7 total)

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St. Maartenskliniek, Nijmegen, Gelderland, Netherlands  
Zuyderland Ziekenhuis, Heerlen, Limburg, Netherlands  
Amphia ziekenhuis, Breda, North Brabant, Netherlands  
... and 4 more locations