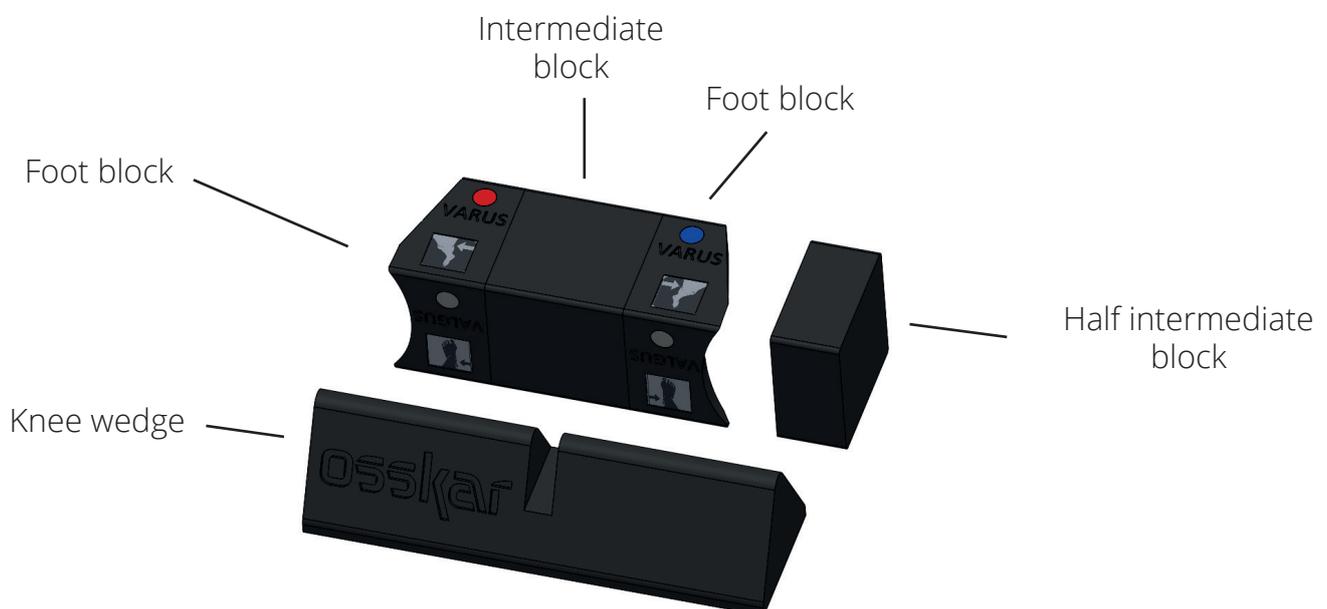


Device presentation

The Oxford Stress System for Knee Arthroplasty Radiographs (OSSKAR) is a medical device for positioning the lower limb for stress imaging of the knee. The device positions the lower limb for valgus and varus stress imaging of the knee using a standardised technique without the requirement for the clinician or additional healthcare practitioner.



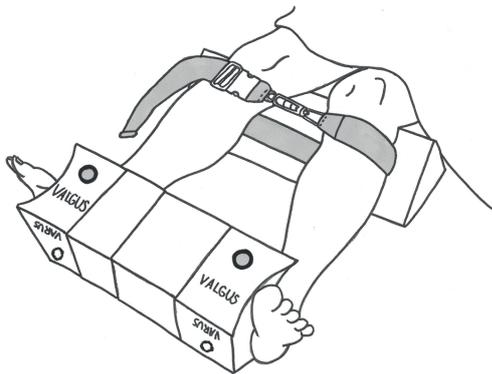
Indications

- Assessment of the pattern and severity of arthritis within the medial and lateral compartments of the adult knee.
- Assessment of the status of the ligamentous structures within the adult knee (collateral and cruciate ligaments).

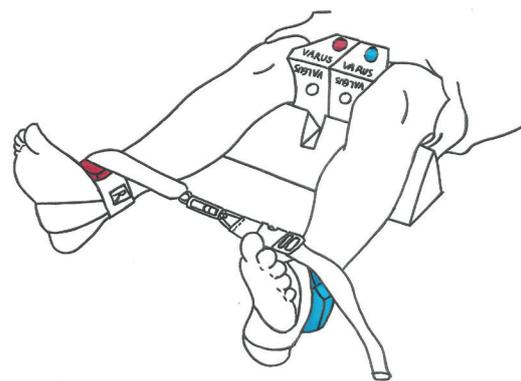
Valgus and Varus positioning

The same foam blocks are used for valgus and varus lower limb positioning:

Use in Valgus



Use in Varus



Result

Example of x-rays obtained with the use of OSSKAR:



Weight bearing

Partial-thickness
cartilage loss (PTCL) in the
medial compartment



Valgus stress (obtained with OSSKAR)

Full-thickness
cartilage in the lateral com-
partment



Varus stress (obtained with OSSKAR)

Bone-on-bone arthritis in
the medial compartment