Measurement assessments:

I. Anthropometry:
- Body weight and height (Stable stadiometer Seca, Birmingham, UK) and body composition (Bio-impedance system MALTRON BF-906).

II. Functional status:
- flexibility of knee joint (flexion and extension ROM) – assessed by manual goniometer
- agility and dynamic balance (Timed “Up & Go” Test)
- Sit to stand (30 seconds)
- spatio-temporal gait parameters (STGP) during different gait velocities will be measured by OPTOGAIT system (Microgate, Bolzano, Italy) under single- and dual-task conditions.
- Hand grip strength along with both the knee extensors and flexors muscles maximal voluntary isometric strength (MViC) (isometric dynamometer S2P)
- Self-reported functional assessment (OKS and LEFS questionnaires)

III. Muscle function:
- contractile muscle parameters (Tensiomyography)
- electromechanical efficiency index (Tensiomyography and M-wave module)
- Voluntary activation level (using double interpolated twitch technique)

IV. Pain level - Visual analogue scale (VAS)