

I Aim

Associate the terms given in the description of the soft tissue measurement experiment with appropriate terms from the slide "2B: Formalization general terms".

II Description

- **Measurand :**
 - Force in the axial direction
- **Measurement :**
 - Torque(N)
- **Measuring Principle :**
 - Strain Gauge
- **Measurement facility :**
 - PI hexapod
 - Monocarrier drive
 - Indentation tool
 - Simulab complex tissue model
 - ATI Mini40 force sensor
 - EPOS2 motor controller
- **Device Under Test (DUT):**
 - Tissue Analogue
- **Sensitivity :**
 - Axial force measurement of 0.04N
- **Measurement System :**
 - EPOS2 motor controller
 - Indentation tool
 - FT sensor
 - NI DAQ
- **Meter :**
 - FT sensor
 - NI DAQ
- **Measuring method:**

- Displace the material using the indentation tool.
- Measure the applied force using FT sensor.