# Tests

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# Metrics

## Lower Limb

- **Balance (1 Opal sensor)**
  - Cadence (W)
  - Gait Cycle Duration (W)
  - Gait Speed (W)
  - Elevation at Midswing (W)
  - Double Support (W)
  - Lateral Step Variability (W)
  - Circumduction (W)
  - Foot Strike Angle (W)
  - Toe Off Angle (W)
  - Stance (W)
  - Step Duration (W)
  - Stride Length (W)
  - Swing (W)
  - Toe Out Angle (W)

- **Lower Limb Gait + Balance (3 Opal sensors)**
  - Cadence (W)
  - Gait Cycle Duration (W)
  - Gait Speed (W)
  - Elevation at Midswing (W)
  - Double Support (W)
  - Lateral Step Variability (W)
  - Circumduction (W)
  - Foot Strike Angle (W)
  - Toe Off Angle (W)
  - Stance (W)
  - Step Duration (W)
  - Stride Length (W)
  - Swing (W)
  - Toe Out Angle (W)

- **Full Body Gait + Balance (6 Opal sensors)**
  - Cadence (W)
  - Gait Cycle Duration (W)
  - Gait Speed (W)
  - Elevation at Midswing (W)
  - Double Support (W)
  - Lateral Step Variability (W)
  - Circumduction (W)
  - Foot Strike Angle (W)
  - Toe Off Angle (W)
  - Stance (W)
  - Step Duration (W)
  - Stride Length (W)
  - Swing (W)
  - Toe Out Angle (W)

## Upper Limb

- Maximum Velocity (W)
- Range of Motion (W)

## Trunk Range of Motion

- Coronal (W)
- Sagittal (W)
- Transverse (W)

## Lumbar Range of Motion

- Coronal (W)
- Sagittal (W)
- Transverse (W)

## Sit To Stand

- Duration (T)
- Lean Angle (T)

## Stand To Sit

- Duration (T)
- Lean Angle (T)

## Turning

- Angle (T)
- Duration (T)
- Velocity (T)
- Steps in Turn (T)

## Postural Sway

- 95% Ellipse Sway Area (S)
- RMS Sway (S)
- Coronal RMS Sway (S)
- Sagittal RMS Sway (S)

## Anticipatory Postural Adjustment

- Duration (W)
- First Step Duration (W)
- First Step Range of Motion (W)
- Sagittal Max Acceleration (W)
- Coronal Max Acceleration (W)