



# Ordering Reference Guide

OssKin 3D-Printed Knee braces



# Ordering Process for an OssKin 3D-Printed Knee brace

## Sending Order Form and Scan:

### Options 1: When using OssKin 3D Scan App with IPad

- Simply click on the cloud button icon on the top right of the screen, after having finalized the scan and properly filling the entire order form.
- At that moment, OssKin has received your scan file and order form.
- Expect to receive an Invoice within the following 24-48hrs.

### Option 2: When scanning with another handheld Scanning hardware

- After scanning the patients leg, obtain access to the scan file.
- Fill in the OssKin knee brace order form, either digitally using our editable PDF, or by filling manually by hand.
- Send an email to [orders@osskin.com](mailto:orders@osskin.com), with attached scan file and order form. In Subject line of email, indicate Patients name or Patient ID and the word “- Order” – (ex: Mike Smith – Order)

## Quick Reference Guide during Clinician measurements and scanning for OssKin 3D-Printed Knee brace

### 1.) Evaluating if the patient is right for an Evoke:

Ideal:

- OA patients
- Tricompartmental OA
- Meniscal tear
- Knee instability

Contraindications:

- Patients over 400lbs
- Patients with greater than 15 degrees of valgus or varus, *UNLESS patients have very light ADLs, are below 175lbs, and have flexible deformity*
- Patients with hyperextension greater than 5 degrees

## 2.) Landmarking

- Always use a light compressive sleeve
  - *Suggested sleeve: Knit-Rite Knee Interface (white or grey)*
- Use 1/4" round stickers on undersleeves
  - *If using stockinette* – may use markers to identify landmarking positions

## 3.) Scanning with leg in full extension, using various scan hardware

*Option 1:* **IPad Structure Sensor:** (sends via App)

- ***IMPORTANT:*** Make sure to position the Ipad perpendicular to the floor, facing the knee.
- ***IMPORTANT:*** The leg should be in Burgundy color when you click "Start"
- Begin Medially, and take VERY slow steps until you reach the starting point.
- Ensure there are no holes in the scan

*Option 2:* **Techmed BodyScanner:** (file format to send: .Med)

- Scan from ankle level up until groin level in order to provided our modelizers with ample data
- Ensure there are no holes in the scan
- ***IMPORTANT:*** use Techmed's stickers in order pick up landmarks during scan

*Option 3:* **Other Scanning Hardware:** (file format to send: .STL)

- Scan from ankle level up until groin level in order to provided modelizers with ample data
- Shoot the landmark dots with laser pointer
- Ensure there are no holes in the scan

## 4.) M-L Measurements & OA Unloading Measurements (for OA only)

- ***ML Measurements: (IMPORTANT)***
  - *ML measurement:*
    - In most cases, indicate the number midway between full compression and no compression. (EXAMPLE. If 10in. at no compression, and 8in. when fully compressed... indicate 9in. in the order form)
    - For patients with greater amount of soft tissue, you can indicate a number more aggressive than midway (IMPORTANT: we rely on your clinical assessment of the soft tissue)
- ***OA Unloading Measurements: (IMPORTANT)***
  - Using a goniometer, measure the difference in angle between **non-weight bearing** (patient sitting at edge of their seat with leg in full extension and with toes pointed to the nose) and **full weight bearing** (patient standing in uni-podal neutral stance on affected leg)
  - Ensure to align the goniometer consistently during each measurement, with one extremity pointing to **MID-TALUS**, and other extremity pointing to **ASIS**