



Evolve™

Quick Reference Guide

Ordering an Evolve

Quick Reference Guide for Ordering an Evoke

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 round stickers or markers to identify landmarking positions
- When using Insignia, laser shoot the landmarks

3.) Scanning with leg in full extension

Option 1:

Techmed BodyScanner: (file format to send: .STL or .Med)

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

Option 2:

Insignia: (file format to send: .AOP)

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

Option 3:

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

4.) Order Form and Measurements:

- **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 at **MID-TALUS** and **ASIS**

5.) Sending Order Form and Scan:

- Using Hanger Direct, you may order the Evoke knee brace using the part number: **Evoke**, then upload the order form and .AOP (if Insignia) or a .Med/.STL (if Techmed Bodyscanner) file of the scan in the order page
- If you cannot upload any files to Hanger Direct, please generate the purchase order on Hanger Direct, and then send an email within 5 minutes to production@osskin.com, with the word “ENCRYPT” written in the subject of the email and the PO# generated in Hanger Direct. Ensure to attach the Scan File and Order Form in email.