

# Advanced Frame Techniques

Thursday, July 14, 2022

Hilton Downtown Portland – Galleria Rooms & Ballroom 2

Upon completion of this activity, physicians will be able to:

1. Recognize the key principles and indications for hip distraction;
2. Develop proficiency with the placement of knee hinge;
3. Master the technique of ankle distraction; and
4. Demonstrate key foot frame construct options.

## Agenda

7:30-8:00 a.m.	Check In, Continental Breakfast – Grand Ballroom Foyer
8:00–9:50 a.m.	<b>Hip Distraction</b> Moderator: David Podeszwa, MD
8:00–8:15 a.m.	Biomechanics of Femoral–Pelvic Fixation and Joint Distraction <i>David Podeszwa, MD</i>
8:15–8:30 a.m.	Indications for and Outcomes of Hip Distraction – <i>Shawn C. Standard, MD</i>
8:30 to 8:40 a.m.	Lab Review – <i>David Podeszwa, MD</i>
8:40–9:50 a.m.	Hip Distraction Lab – <i>David Podeszwa, MD</i>
9:50–10:10 a.m.	Break
10:10 a.m.–12:00 p.m.	<b>Femoral Rail with Hinge Across Knee</b> Moderator: Jill C. Flanagan, MD
10:10–10:15 a.m.	Indications for External Fixator Lengthening of Femur with Knee Hinge (primary lengthening, rescue knee, hinge for trauma) <i>L. Reid Nichols, MD</i>
10:15–10:30 a.m.	Anatomical Knee Center and Technique for Mounting Rail and Knee Hinge <i>David Frumberg, MD</i>
10:30–10:40 a.m.	Lab Tips, Housekeeping – <i>Jill C. Flanagan, MD</i>
10:40–11:50 a.m.	Lab Lectures and Practical <ul style="list-style-type: none"><li>• Part 1 – Finding the Knee Center</li><li>• Part 2 – Applying the Monolateral Femur Rail</li><li>• Part 3 – Attaching Tibial Component and Extension Rod</li></ul>
11:50 a.m.–12:00 p.m.	Debrief/Questions – <i>Jill C. Flanagan, MD</i>
12:00–12:45 p.m.	Lunch – Ballroom 1

12:45–2:35 p.m.	<b>Ankle Distraction</b> Moderator: Austin T. Fragomen, MD
12:45–12:55 p.m.	Indications for Ankle Distraction – <i>Douglas N. Beaman, MD</i>
12:55–1:05 p.m.	Techniques of Ankle Distraction – <i>Austin T. Fragomen, MD</i>
1:05–1:15 p.m.	Outcomes and Complications of Ankle Distraction <i>Douglas N. Beaman, MD</i> and <i>Austin T. Fragomen, MD</i>
1:15–2:25 p.m.	Lab Lectures and Practical <ul style="list-style-type: none"><li>• Part 1 – Apply Tibia Ring</li><li>• Part 2 – Hinge Placement</li><li>• Part 3 – Foot Ring Application</li></ul>
2:25–2:35 p.m.	Debrief/Questions
2:35–2:55 p.m.	Break
2:55–4:45 p.m.	<b>Foot Frames</b> Moderator: Douglas N. Beaman, MD
2:55–3:05 p.m.	Indications for Foot Frames – <i>Douglas N. Beaman, MD</i>
3:05–3:15 p.m.	Deformity Analysis for Foot Deformity – <i>Richard Gellman, MD</i>
3:15–4:35 p.m.	Lab Lectures and Practical – Miter and Butt Frames <i>Douglas N. Beaman, MD</i>
4:35–4:45 p.m.	Debrief/Questions
4:45–5:00 p.m.	Summary and General Discussion, Adjourn

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Limb Lengthening and Reconstruction Society. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

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Submitted on: 06/20/2022

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