

SPME 425 Biomechanics

Lower Extremity Marker Set

We will use the following marker set for the lower extremity:

1. Lateral Aspect Greater Trochanter
2. Anterior Thigh, Mid-Shaft
3. Lateral Femoral Condyle
4. Tibial Tuberosity
5. Mid-shaft, Lateral, Posterior Fibula
6. Lateral, Distal, Anterior Tibia
7. Lateral Calcaneous
8. Superior Navicular
9. Fifth Metatarsal
10. Lateral Malleolus *
11. Patella *
12. Right ASIS *
13. Left ASIS *

* Neutral trials only

To Apply the Markers

1. Determine the marker location.
2. Shave any body hair in this area.
3. Use a paper towel to wipe the surface of the skin - the skin should be clean and dry.
4. Use a small spray of tape adherent to increase adhesion (if necessary).
5. Attach an EMG collars to the back of the marker.
6. Secure the markers to the subjects.

To Remove The Markers

1. Gently pull the skin away from the marker (not the marker away from the skin).
2. Remove the adhesive collar from the back of the marker.