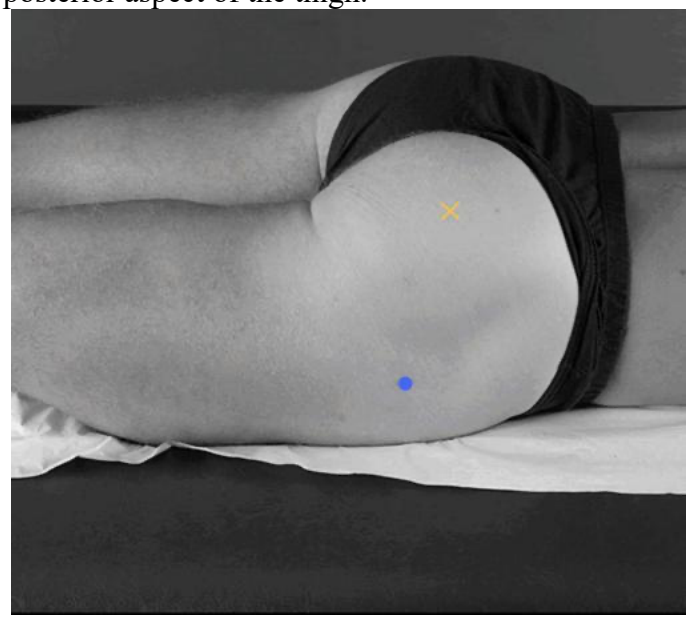
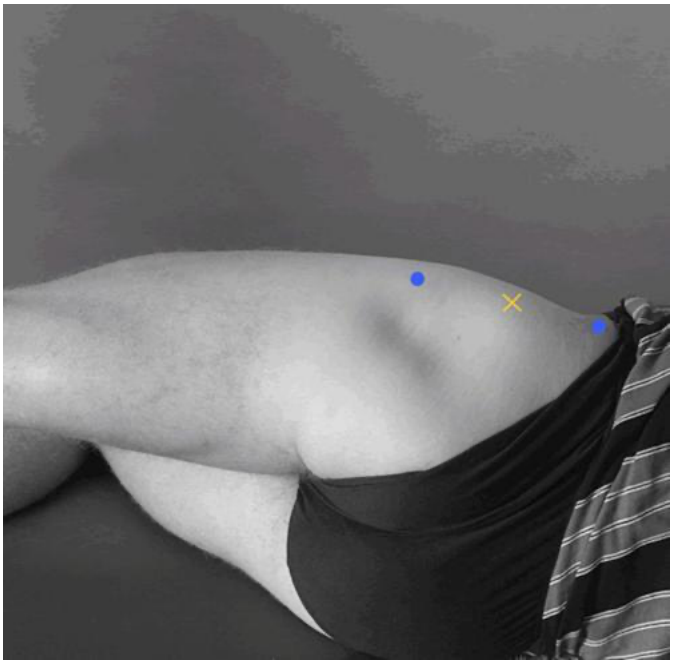
Figure S1 - SENIAM Surface EMG Electrode Placement Guidelines

EMG Electrode placements (per Seniam guidelines http://seniam.org/sensor_location.htm)

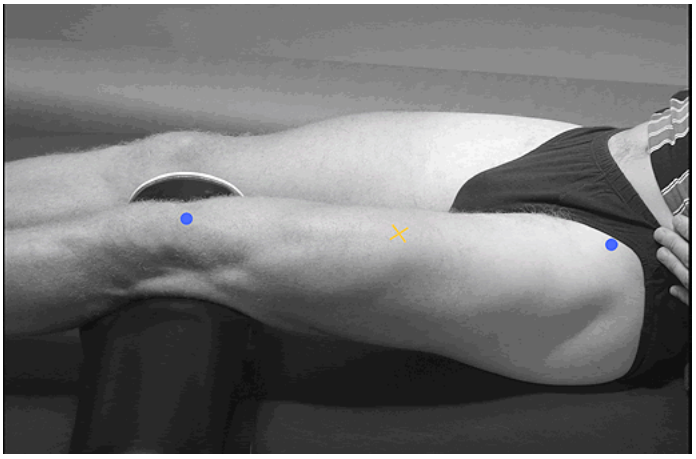
1. Gluteus Maximus: Yellow X denotes placement 50% on the line between the sacral vertebrae (not labeled) and the greater trochanter (blue dot), in the direction of the muscle fibers that follow the line from the posterior superior iliac spine to the middle of the posterior aspect of the thigh.



2. Gluteus Medius: Yellow X denotes placement 50% on the line between the iliac crest (superior blue dot) and the greater trochanter (inferior blue dot), in the direction of the line from the iliac crest to the trochanter.



3. Rectus Femoris: Yellow X denotes placement 50% on the line from the anterior superior iliac spine (superior blue dot) to the superior part of the patella (inferior blue dot); oriented in the direction of the muscle fibers.



4. Biceps Femoris: Yellow X denotes placement 50% on the line between the ischial tuberosity (proximal blue dot) and the lateral epicondyle (distal blue dot) of the tibia; in the direction of the line between the ischial tuberosity and the lateral epicondyle in the direction of the muscle fibers.

