# Marker_Sets

## IORgait - Marker Placement

The IOR marker set is comprised of 36 markers. It is best if marker placement done by an individual who is experienced with palpating anatomical positions.

The anatomical location of each target is referenced to the description in the Color Atlas of Skeletal Landmark Definitions. This text is useful for further description of target location as well as recommendations for palpation.

| **Marker Placement - Listed by trunk, pelvis, lower extremities** | Marker Name | Description | Reference Page | L/RCA | Left/Right acromion | [1] | SJN | Deepest point of incisura jugularis | [1] | SXS | Xiphoid process, i.e. most caudal point of the sternum | [1] | CV7 | Spinous process of the seventh cervical vertebrae | [1] | TV2 | Second thoracic vertebrae | [1] | TV7 | Midpoint between the inferior angles of the most caudal points of the two scapulae | [1] | LV1 | First lumbar vertebrae | [1] | LV3 | Third lumbar vertebrae | [1] | LV5 | Fifth lumbar vertebrae | [1] | LRIAS | Left/Right anterior superior iliac spine | [1] | LRPTC | Most lateral prominence of the greater trochanter | [1] | LRPS | Left/Right posterior superior iliac spine | [1] | LRFLE | Most lateral prominence of the lateral femoral epicondyle | [1] | LRFME | Most medial prominence of the medial femoral epicondyle | [1] | LRFAX | Proximal tip of the head of the fibula | [1] | LRTTC | Most anterior border of the tibial tuberosity | [1] | LRFAL | Lateral prominence of the lateral malleolus | [1] | LRTAM | Most medial prominence of the medial malleolus | [1] | LRFM5 | Dorsal margin of the fifth metatarsal head | [1] | LRFM2 | Dorsal aspect of the second metatarsal head | [1] | LRFM1 | Dorsal margin of the first metatarsal head | [1] | LRFCC | Aspect of the achilles tendon insertion on the calcaneous | [1] | [1] |
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