

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.

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IORfoot - Marker Placement

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.

The FMB and SMB target locations are not described in the [Color Atlas](#), but are described in the [Leardini multi-segment foot paper](#).

Marker	Marker functions	Description	Reference Page
Markers - Listed by known to us	LRFAL	Proximal tip of the lateral tuberosity	108Gat, foot_shank.png [Image thumb=6&LRFAL_foot_shank.png260px]
	LRFATC	Most anterior border of the tibial tuberosity	108Gat, foot_shank.png [Image thumb=6&LRFATC_foot_shank.png260px]
	LRFALH	Lateral prominence of the lateral malleolus	108Gat, foot_shank.png [Image thumb=6&LRFALH_foot_shank.png260px]
	LRFATM	Most medial prominence of the medial malleolus	108Gat, foot_shank.png [Image thumb=6&LRFATM_foot_shank.png260px]
	LRFCA	Aspect of the Lateral Caudon insertion on the calcaneus	108Gat, foot_shank.png [Image thumb=6&LRFCA_foot_shank.png260px]
	LRFSTAC	Sustentaculum of the head of the Calcaneus	108Gat, foot_shank.png [Image thumb=6&LRFSTAC_foot_shank.png260px]
	LRFPPH	Lateral point of the peroneal bulbaris	108Gat, foot_shank.png [Image thumb=6&LRFPPH_foot_shank.png260px]
	LRFPH	Tubercle Tuberosity	108Gat, foot_shank.png [Image thumb=6&LRFPH_foot_shank.png260px]
	LRFMTSh Metatarsal	Tuberosity of the first metatarsal	108Gat, foot_shank.png [Image thumb=6&LRFMTSh_foot_shank.png260px]
	LRFMBFirst Metatarsal	Base of the first metatarsal	108Gat, foot_shank.png [Image thumb=6&LRFMBFirst_foot_shank.png260px]
	LRFMBSecond Metatarsal	Base of the second metatarsal	108Gat, foot_shank.png [Image thumb=6&LRFMBSecond_foot_shank.png260px]
	LRFMD	Dorsal aspect of the first metatarsal head	108Gat, foot_shank.png [Image thumb=6&LRFMD_foot_shank.png260px]
	LRFMD2	Dorsal aspect of the second metatarsal head	108Gat, foot_shank.png [Image thumb=6&LRFMD2_foot_shank.png260px]
	LRFMD3	Dorsal margin of the fifth metatarsal head	108Gat, foot_shank.png [Image thumb=6&LRFMD3_foot_shank.png260px]
	LRFMD4	Dorsal margin of the fifth metatarsal head	108Gat, foot_shank.png [Image thumb=6&LRFMD4_foot_shank.png260px]
	LRFMD5	Dorsal aspect of the fifth metatarsal head	108Gat, foot_shank.png [Image thumb=6&LRFMD5_foot_shank.png260px]

References

1. ↑ [1.00 1.01 1.02 1.03 1.04 1.05 1.06 1.07 1.08 1.09 1.10 1.11 1.12 1.13 1.14 1.15 1.16 1.17 1.18 1.19 1.20 1.21 1.22 1.23 1.24 1.25 1.26 1.27 1.28 1.29 1.30 1.31 1.32 1.33 1.34](#) Serge van Sint Jan “[Color Atlas of Skeletal Landmark Definitions: Guidelines for Reproducible Manual and Virtual Palpations](#)” 2007 - Churchill Livingstone
2. ↑ [2.0 2.1](#) Leardini, A., M.G. Benedetti, L. Berti, D. Bettinelli, R. Natio, and S. Giannini. “[Rear-foot, Mid-foot and Fore-foot Motion during the Stance Phase of Gait.](#)” *Gait & Posture* 25 (2007): 453-55

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