

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 joints, bones, lower extremities	Marker Name	Description	Reference Page	URFX1	URFX2	URFX3	URFX4	URFX5	URFX6	URFX7	URFX8	URFX9	URFX10	URFX11	URFX12	URFX13	URFX14	URFX15	URFX16	URFX17	URFX18	URFX19	URFX20	URFX21	URFX22	URFX23	URFX24	URFX25	URFX26	URFX27	URFX28	URFX29	URFX30	URFX31	URFX32	URFX33	URFX34	URFX35	URFX36	URFX37	URFX38	URFX39	URFX40	URFX41	URFX42	URFX43	URFX44	URFX45	URFX46	URFX47	URFX48	URFX49	URFX50	URFX51	URFX52	URFX53	URFX54	URFX55	URFX56	URFX57	URFX58	URFX59	URFX60	URFX61	URFX62	URFX63	URFX64	URFX65	URFX66	URFX67	URFX68	URFX69	URFX70	URFX71	URFX72	URFX73	URFX74	URFX75	URFX76	URFX77	URFX78	URFX79	URFX80	URFX81	URFX82	URFX83	URFX84	URFX85	URFX86	URFX87	URFX88	URFX89	URFX90	URFX91	URFX92	URFX93	URFX94	URFX95	URFX96	URFX97	URFX98	URFX99	URFX100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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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 Placement - Listed by knees to toes	Marker Name	Description	Reference Page	URFX	Proximal tip of the head of the fibula	URTX	Most anterior border of the tibial tuberosity	URFL	Lateral prominence of the lateral malleolus	URTM	Most medial tip of the medial malleolus	URFCC	Aspect of the Achilles tendon insertion on the calcaneus	URFST	Sustentaculum Tali of the Calcaneus	URFTT	Lateral apex of the peroneal tubercle	URFVI	Navicular tuberosity	URFMB	Base of First Metatarsal	URFMS	Base of Second Metatarsal	URFW1	Dorsal margin of the first metatarsal	URFW2	Dorsal aspect of second metatarsal	URFW3	Dorsal margin of the fifth metatarsal	URFW4	Distal epiphysis, between the 1st and 9th

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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