

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	URFA1	URFA2	URFA3	URFA4	URFA5	URFA6	URFA7	URFA8	URFA9	URFA10	URFA11	URFA12	URFA13	URFA14	URFA15	URFA16	URFA17	URFA18	URFA19	URFA20	URFA21	URFA22	URFA23	URFA24	URFA25	URFA26	URFA27	URFA28	URFA29	URFA30	URFA31	URFA32	URFA33	URFA34	URFA35	URFA36	URFA37	URFA38	URFA39	URFA40	URFA41	URFA42	URFA43	URFA44	URFA45	URFA46	URFA47	URFA48	URFA49	URFA50	URFA51	URFA52	URFA53	URFA54	URFA55	URFA56	URFA57	URFA58	URFA59	URFA60	URFA61	URFA62	URFA63	URFA64	URFA65	URFA66	URFA67	URFA68	URFA69	URFA70	URFA71	URFA72	URFA73	URFA74	URFA75	URFA76	URFA77	URFA78	URFA79	URFA80	URFA81	URFA82	URFA83	URFA84	URFA85	URFA86	URFA87	URFA88	URFA89	URFA90	URFA91	URFA92	URFA93	URFA94	URFA95	URFA96	URFA97	URFA98	URFA99	URFA100	URFA101	URFA102	URFA103	URFA104	URFA105	URFA106	URFA107	URFA108	URFA109	URFA110	URFA111	URFA112	URFA113	URFA114	URFA115	URFA116	URFA117	URFA118	URFA119	URFA120	URFA121	URFA122	URFA123	URFA124	URFA125	URFA126	URFA127	URFA128	URFA129	URFA130	URFA131	URFA132	URFA133	URFA134	URFA135	URFA136	URFA137	URFA138	URFA139	URFA140	URFA141	URFA142	URFA143	URFA144	URFA145	URFA146	URFA147	URFA148	URFA149	URFA150	URFA151	URFA152	URFA153	URFA154	URFA155	URFA156	URFA157	URFA158	URFA159	URFA160	URFA161	URFA162	URFA163	URFA164	URFA165	URFA166	URFA167	URFA168	URFA169	URFA170	URFA171	URFA172	URFA173	URFA174	URFA175	URFA176	URFA177	URFA178	URFA179	URFA180	URFA181	URFA182	URFA183	URFA184	URFA185	URFA186	URFA187	URFA188	URFA189	URFA190	URFA191	URFA192	URFA193	URFA194	URFA195	URFA196	URFA197	URFA198	URFA199	URFA200	URFA201	URFA202	URFA203	URFA204	URFA205	URFA206	URFA207	URFA208	URFA209	URFA210	URFA211	URFA212	URFA213	URFA214	URFA215	URFA216	URFA217	URFA218	URFA219	URFA220	URFA221	URFA222	URFA223	URFA224	URFA225	URFA226	URFA227	URFA228	URFA229	URFA230	URFA231	URFA232	URFA233	URFA234	URFA235	URFA236	URFA237	URFA238	URFA239	URFA240	URFA241	URFA242	URFA243	URFA244	URFA245	URFA246	URFA247	URFA248	URFA249	URFA250	URFA251	URFA252	URFA253	URFA254	URFA255	URFA256	URFA257	URFA258	URFA259	URFA260	URFA261	URFA262	URFA263	URFA264	URFA265	URFA266	URFA267	URFA268	URFA269	URFA270	URFA271	URFA272	URFA273	URFA274	URFA275	URFA276	URFA277	URFA278	URFA279	URFA280	URFA281	URFA282	URFA283	URFA284	URFA285	URFA286	URFA287	URFA288	URFA289	URFA290	URFA291	URFA292	URFA293	URFA294	URFA295	URFA296	URFA297	URFA298	URFA299	URFA300	URFA301	URFA302	URFA303	URFA304	URFA305	URFA306	URFA307	URFA308	URFA309	URFA310	URFA311	URFA312	URFA313	URFA314	URFA315	URFA316	URFA317	URFA318	URFA319	URFA320	URFA321	URFA322	URFA323	URFA324	URFA325	URFA326	URFA327	URFA328	URFA329	URFA330	URFA331	URFA332	URFA333	URFA334	URFA335	URFA336	URFA337	URFA338	URFA339	URFA340	URFA341	URFA342	URFA343	URFA344	URFA345	URFA346	URFA347	URFA348	URFA349	URFA350	URFA351	URFA352	URFA353	URFA354	URFA355	URFA356	URFA357	URFA358	URFA359	URFA360	URFA361	URFA362	URFA363	URFA364	URFA365	URFA366	URFA367	URFA368	URFA369	URFA370	URFA371	URFA372	URFA373	URFA374	URFA375	URFA376	URFA377	URFA378	URFA379	URFA380	URFA381	URFA382	URFA383	URFA384	URFA385	URFA386	URFA387	URFA388	URFA389	URFA390	URFA391	URFA392	URFA393	URFA394	URFA395	URFA396	URFA397	URFA398	URFA399	URFA400	URFA401	URFA402	URFA403	URFA404	URFA405	URFA406	URFA407	URFA408	URFA409	URFA410	URFA411	URFA412	URFA413	URFA414	URFA415	URFA416	URFA417	URFA418	URFA419	URFA420	URFA421	URFA422	URFA423	URFA424	URFA425	URFA426	URFA427	URFA428	URFA429	URFA430	URFA431	URFA432	URFA433	URFA434	URFA435	URFA436	URFA437	URFA438	URFA439	URFA440	URFA441	URFA442	URFA443	URFA444	URFA445	URFA446	URFA447	URFA448	URFA449	URFA450	URFA451	URFA452	URFA453	URFA454	URFA455	URFA456	URFA457	URFA458	URFA459	URFA460	URFA461	URFA462	URFA463	URFA464	URFA465	URFA466	URFA467	URFA468	URFA469	URFA470	URFA471	URFA472	URFA473	URFA474	URFA475	URFA476	URFA477	URFA478	URFA479	URFA480	URFA481	URFA482	URFA483	URFA484	URFA485	URFA486	URFA487	URFA488	URFA489	URFA490	URFA491	URFA492	URFA493	URFA494	URFA495	URFA496	URFA497	URFA498	URFA499	URFA500	URFA501	URFA502	URFA503	URFA504	URFA505	URFA506	URFA507	URFA508	URFA509	URFA510	URFA511	URFA512	URFA513	URFA514	URFA515	URFA516	URFA517	URFA518	URFA519	URFA520	URFA521	URFA522	URFA523	URFA524	URFA525	URFA526	URFA527	URFA528	URFA529	URFA530	URFA531	URFA532	URFA533	URFA534	URFA535	URFA536	URFA537	URFA538	URFA539	URFA540	URFA541	URFA542	URFA543	URFA544	URFA545	URFA546	URFA547	URFA548	URFA549	URFA550	URFA551	URFA552	URFA553	URFA554	URFA555	URFA556	URFA557	URFA558	URFA559	URFA560	URFA561	URFA562	URFA563	URFA564	URFA565	URFA566	URFA567	URFA568	URFA569	URFA570	URFA571	URFA572	URFA573	URFA574	URFA575	URFA576	URFA577	URFA578	URFA579	URFA580	URFA581	URFA582	URFA583	URFA584	URFA585	URFA586	URFA587	URFA588	URFA589	URFA590	URFA591	URFA592	URFA593	URFA594	URFA595	URFA596	URFA597	URFA598	URFA599	URFA600	URFA601	URFA602	URFA603	URFA604	URFA605	URFA606	URFA607	URFA608	URFA609	URFA610	URFA611	URFA612	URFA613	URFA614	URFA615	URFA616	URFA617	URFA618	URFA619	URFA620	URFA621	URFA622	URFA623	URFA624	URFA625	URFA626	URFA627	URFA628	URFA629	URFA630	URFA631	URFA632	URFA633	URFA634	URFA635	URFA636	URFA637	URFA638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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 by knees to toes	Marker Name	Description	Reference Page	URFA1	Proximal tip of the head of the fibula	URFT1	Most anterior border of the tibial tuberosity	URFL1	Lateral prominence of the lateral malleolus	URFM1	Most medial prominence of the medial malleolus	URFCC	Aspect of the Achilles tendon insertion on the calcaneus	URFST1	Sustentaculum Calcaneus	URFPT1	Lateral apex of the medial tubercle	URFAN	Navicular tuberosity	URFNF1	Base of First Metatarsal	URFMB	Base of Second Metatarsal	URFH1	Dorsal margin of the first metatarsal	URFM2	Dorsal aspect of second metatarsal head	URFMS	Dorsal margin of the second metatarsal head	URFPO	Distal epiphysis, proximal 1/4 of P46

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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