

**Supplemental Table 1.** Reference range of free testosterone and IGF-1 levels by age in the present study.

**Free testosterone**

Age (y.o.)	Reference range (pg/mL)
20-29	8.5-27.9
30-39	7.6-23.1
40-49	7.7-21.6
50-59	6.9-18.4
60-69	5.4-16.7
70-79	4.5-13.8

**IGF-1**

Age (y.o.)	Reference range (ng/mL)	Age	Reference range	Age	Reference range	Age	Reference range
20	142-470	30	109-303	40	94-263	50	87-245
21	139-436	31	107-297	41	94-261	51	87-243
22	135-405	32	105-292	42	93-259	52	86-242
23	131-379	33	103-287	43	92-257	53	85-240
24	128-356	34	102-283	44	92-255	54	84-238
25	125-337	35	100-279	45	91-253	55	84-238
26	119-329	36	99-275	46	90-250	56	83-237
27	116-322	37	97-272	47	90-250	57	82-236
28	114-315	38	96-269	48	89-248	58	81-235
29	111-309	39	95-266	49	88-246	59	80-233