

**TABLE S1.** Pairwise Comparisons of the Long Diameter of Tophus within the TTG Group at Different Time Points.

(I) time	(J) time	Mean Difference (I-J)	Std. Error	Sig.b	95% confidence interval for difference <sup>b</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	1.414	1.016	.676	-1.386	4.213
	M <sub>6</sub>	2.979	1.114	.061	-.089	6.048
	M <sub>12</sub>	10.622*	1.154	.000	7.443	13.801
M <sub>3</sub>	M <sub>0</sub>	-1.414	1.016	.676	-4.213	1.386
	M <sub>6</sub>	1.566	.945	.484	-1.036	4.168
	M <sub>12</sub>	9.208*	1.183	.000	5.948	12.468
M <sub>6</sub>	M <sub>0</sub>	-2.979	1.114	.061	-6.048	.089
	M <sub>3</sub>	-1.566	.945	.484	-4.168	1.036
	M <sub>12</sub>	7.642*	.898	.000	5.168	10.117
M <sub>12</sub>	M <sub>0</sub>	-10.622*	1.154	.000	-13.801	-7.443
	M <sub>3</sub>	-9.208*	1.183	.000	-12.468	-5.948
	M <sub>6</sub>	-7.642*	.898	.000	-10.117	-5.168

\*The mean difference is significant at the .05 level; b. Adjustment for multiple comparisons: Sidak.

**TABLE S2.** Pairwise Comparisons of the Long Diameter of Tophus within the TNTG group at Different Time Points.

(I) time	(J) time	Mean difference (I-J)	Std. Error	Sig.a	95% confidence interval for difference <sup>a</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	-.369	.448	.960	-1.596	.858
	M <sub>6</sub>	-.803	.557	.639	-2.330	.725
	M <sub>12</sub>	-.707	.638	.853	-2.457	1.043
M <sub>3</sub>	M <sub>0</sub>	.369	.448	.960	-.858	1.596
	M <sub>6</sub>	-.434	.472	.933	-1.727	.859
	M <sub>12</sub>	-.338	.476	.980	-1.643	.966
M <sub>6</sub>	M <sub>0</sub>	.803	.557	.639	-.725	2.330
	M <sub>3</sub>	.434	.472	.933	-.859	1.727
	M <sub>12</sub>	.095	.405	1.000	-1.015	1.206
M <sub>12</sub>	M <sub>0</sub>	.707	.638	.853	-1.043	2.457
	M <sub>3</sub>	.338	.476	.980	-.966	1.643
	M <sub>6</sub>	-.095	.405	1.000	-1.206	1.015

a. Adjustment for multiple comparisons: Sidak.

**TABLE S3. Pairwise Comparisons of the Short Diameter of Tophus within the TTG Group at Different Time Points.**

(I) time	(J) time	Mean difference (I-J)	Std. Error	Sig.b	95% confidence interval for difference <sup>b</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	.121	.181	.985	-.376	.619
	M <sub>6</sub>	1.250*	.370	.009	.230	2.270
	M <sub>12</sub>	4.262*	.484	.000	2.928	5.596
M <sub>3</sub>	M <sub>0</sub>	-.121	.181	.985	-.619	.376
	M <sub>6</sub>	1.128*	.284	.002	.345	1.911
	M <sub>12</sub>	4.141*	.443	.000	2.921	5.360
M <sub>6</sub>	M <sub>0</sub>	-1.250*	.370	.009	-2.270	-.230
	M <sub>3</sub>	-1.128*	.284	.002	-1.911	-.345
	M <sub>12</sub>	3.012*	.281	.000	2.238	3.787
M <sub>12</sub>	M <sub>0</sub>	-4.262*	.484	.000	-5.596	-2.928
	M <sub>3</sub>	-4.141*	.443	.000	-5.360	-2.921
	M <sub>6</sub>	-3.012*	.281	.000	-3.787	-2.238

\*The mean difference is significant at the .05 level; b, Adjustment for multiple comparisons: Sidak.

**TABLE S4. Pairwise Comparisons of the Short Diameter of Tophus within the TNTG Group at Different Time Points.**

(I) time	(J) time	Mean difference (I-J)	Std. error	Sig.a	95% confidence Interval for difference <sup>a</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	.085	.107	.966	-.208	.379
	M <sub>6</sub>	-.018	.115	1.000	-.332	.297
	M <sub>12</sub>	.347	.178	.294	-.140	.835
M <sub>3</sub>	M <sub>0</sub>	-.085	.107	.966	-.379	.208
	M <sub>6</sub>	-.103	.116	.943	-.420	.215
	M <sub>12</sub>	.262	.162	.508	-.181	.706
M <sub>6</sub>	M <sub>0</sub>	.018	.115	1.000	-.297	.332
	M <sub>3</sub>	.103	.116	.943	-.215	.420
	M <sub>12</sub>	.365	.143	.080	-.027	.757
M <sub>12</sub>	M <sub>0</sub>	-.347	.178	.294	-.835	.140
	M <sub>3</sub>	-.262	.162	.508	-.706	.181
	M <sub>6</sub>	-.365	.143	.080	-.757	.027

a, Adjustment for multiple comparisons: Sidak.

**TABLE S5.** Pairwise Comparisons of the Area of Tophus within the TTG Group at Different Time Points.

(I) time	(J) time	Mean difference (I-J)	Std. error	Sig.b	95% confidence interval for difference <sup>b</sup>	
					Lower Bound	Upper Bound
M <sub>0</sub>	M <sub>3</sub>	1.303	4.651	1.000	-11.509	14.115
	M <sub>6</sub>	24.029*	7.241	.011	4.082	43.976
	M <sub>12</sub>	82.618*	14.419	.000	42.900	122.337
M <sub>3</sub>	M <sub>0</sub>	-1.303	4.651	1.000	-14.115	11.509
	M <sub>6</sub>	22.726*	6.019	.003	6.146	39.305
	M <sub>12</sub>	81.315*	15.197	.000	39.453	123.177
M <sub>6</sub>	M <sub>0</sub>	-24.029*	7.241	.011	-43.976	-4.082
	M <sub>3</sub>	-22.726*	6.019	.003	-39.305	-6.146
	M <sub>12</sub>	58.590*	12.182	.000	25.033	92.146
M <sub>12</sub>	M <sub>0</sub>	-82.618*	14.419	.000	-122.337	-42.900
	M <sub>3</sub>	-81.315*	15.197	.000	-123.177	-39.453
	M <sub>6</sub>	-58.590*	12.182	.000	-92.146	-25.033

\*The mean difference is significant at the .05 level; b, Adjustment for multiple comparisons: Sidak.

**TABLE S6.** Pairwise Comparisons of the Area of Tophus within the TNTG Group at Different Time Points.

(I) time	(J) time	Mean difference (I-J)	Std. error	Sig.a	95% confidence interval for difference <sup>a</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	-3.101	3.495	.943	-12.683	6.482
	M <sub>6</sub>	-11.161	4.712	.124	-24.078	1.756
	M <sub>12</sub>	-2.476	5.106	.997	-16.473	11.521
M <sub>3</sub>	M <sub>0</sub>	3.101	3.495	.943	-6.482	12.683
	M <sub>6</sub>	-8.061	4.894	.489	-21.479	5.358
	M <sub>12</sub>	.625	4.899	1.000	-12.807	14.056
M <sub>6</sub>	M <sub>0</sub>	11.161	4.712	.124	-1.756	24.078
	M <sub>3</sub>	8.061	4.894	.489	-5.358	21.479
	M <sub>12</sub>	8.685	4.046	.201	-2.406	19.776
M <sub>12</sub>	M <sub>0</sub>	2.476	5.106	.997	-11.521	16.473
	M <sub>3</sub>	-.625	4.899	1.000	-14.056	12.807
	M <sub>6</sub>	-8.685	4.046	.201	-19.776	2.406

a, Adjustment for multiple comparisons: Sidak.

**TABLE S7.** Pairwise Comparisons of the SQUS-DCS within the TTG group at different time points.

(I) time	(J) time	Mean difference (I-J)	Std. error	Sig. b	95% confidence interval for difference <sup>b</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	.794*	.110	.000	.487	1.102
	M <sub>6</sub>	1.676*	.117	.000	1.348	2.005
	M <sub>12</sub>	2.500*	.106	.000	2.205	2.795
M <sub>3</sub>	M <sub>0</sub>	-.794*	.110	.000	-1.102	-.487
	M <sub>6</sub>	.882*	.101	.000	.599	1.166
	M <sub>12</sub>	1.706*	.155	.000	1.271	2.140
M <sub>6</sub>	M <sub>0</sub>	-1.676*	.117	.000	-2.005	-1.348
	M <sub>3</sub>	-.882*	.101	.000	-1.166	-.599
	M <sub>12</sub>	.824*	.130	.000	.460	1.187
M <sub>12</sub>	M <sub>0</sub>	-2.500*	.106	.000	-2.795	-2.205
	M <sub>3</sub>	-1.706*	.155	.000	-2.140	-1.271
	M <sub>6</sub>	-.824*	.130	.000	-1.187	-.460

\*The mean difference is significant at the .05 level; b, Adjustment for multiple comparisons: Sidak.

**TABLE S8.** Pairwise Comparisons of the SQUS-DCS within the TNTG Group at Different Time Points.

(I) time	(J) time	Mean difference (I-J)	Std. error	Sig. b	95% confidence interval for difference <sup>b</sup>	
					Lower bound	Upper bound
M <sub>0</sub>	M <sub>3</sub>	.061	.042	.650	-.058	.179
	M <sub>6</sub>	.303*	.102	.033	.017	.589
	M <sub>12</sub>	.667*	.149	.001	.250	1.083
M <sub>3</sub>	M <sub>0</sub>	-.061	.042	.650	-.179	.058
	M <sub>6</sub>	.242	.087	.054	-.003	.487
	M <sub>12</sub>	.606*	.144	.001	.202	1.010
M <sub>6</sub>	M <sub>0</sub>	-.303*	.102	.033	-.589	-.017
	M <sub>3</sub>	-.242	.087	.054	-.487	.003
	M <sub>12</sub>	.364*	.085	.001	.125	.602
M <sub>12</sub>	M <sub>0</sub>	-.667*	.149	.001	-1.083	-.250
	M <sub>3</sub>	-.606*	.144	.001	-1.010	-.202
	M <sub>6</sub>	-.364*	.085	.001	-.602	-.125

\*The mean difference is significant at the .050 level; b, Adjustment for multiple comparisons: Sidak.