

Table S1. Multivariate regression analysis, right lower limb

The table shows the results of 8 distinct multivariate linear regression models in which the dependent variable measured after 4 weeks of treatment (T2) in the listed models corresponds to the thickness of the adipose tissue measured in the specific points indicated, relating to the right lower limb.

For each model the set of independent variables is the same (time use of leggings, clinical stage, age, duration of the disease and BMI) and furthermore for each model the same dependent variable measured at time 0, before treatment, was added.

BMI: Body Mass Index

AT: adipose tissue

RIGHT LOWER LIMB	Dependent variable T0 (mm)	Time of use garments (hours)	Stage 2	Stage 3	Age (years)	Duration of disease (years)	BMI (kg/m ²)
Model 1. Dependent variable: thickness of AT T2, lower medial third of the leg							
Coefficient	.8867143	.0312054	-.5268217	-1.335235	.0384577	.0115278	.183934
[95% conf. interval]	.7398804 1.033548	-.3794412 .441852	-2.718092 1.664449	-4.669961 1.99949	-.1170851 .1940004	-.0772114 .1002669	-.0900053 .4578733
P VALUE	0.000	0.876	0.622	0.414	0.612	0.790	0.177
Model 2. Dependent variable: thickness of AT T2, medial upper third of the leg							
Coefficient	.7715472	-.3624822	3.072444	3.80268	.1772654	-.139567	-.2373593
[95% conf. interval]	.5770127 .9660817	-1.026884 .3019194	-.3460673 6.490956	-1.104939 8.710298	-.0744274 .4289582	-.2825897 .0034557	-.6954613 .2207427
P VALUE	0.000	0.269	0.076	0.122	0.158	0.055	0.293
Model 3. Dependent variable: thickness of AT T2, medial lower third of the thigh							
Coefficient	.9526676	.0113073	1.333486	1.137452	-.0956577	-.0661062	.1450165
[95% conf. interval]	.7432734 1.162062	-.7190028 .7416175	-2.523824 5.190797	-4.550894 6.825797	-.3646739 .1733586	-.2188681 .0866556	-.3489875 .6390206
P VALUE	0.000	0.975	0.480	0.682	0.468	0.378	0.548
Model 4. Dependent variable: thickness of AT T2, medial upper third of the thigh							
Coefficient	.3691074	.6549272	.8296575	.3839194	-.0187082	-.1333841	1.02374
[95% conf. interval]	.0643385 .6738764	-.1656094 1.475464	-3.373391 5.032706	-5.447931 6.21577	-.3111801 .2737638	-.3233152 .056547	.3728699 1.67461
P VALUE	0.020	0.112	0.686	0.892	0.895	0.159	0.004
Model 5. Dependent variable: thickness of AT T2, upper anterior third of the thigh							
Coefficient	.2506343	.0857114	-3.702652	-.3016745	-.0756342	.0381287	.7378755
[95% conf. interval]	-.052053 .5533217	-.3978335 .5692563	-6.385223 - 1.020082	-3.853378 3.250029	-.2633529 .1120845	-.0655043 .1417618	.2279455 1.247806
P VALUE	0.100	0.716	0.009	0.861	0.412	0.453	0.007
Model 6. Dependent variable: thickness of AT T2, lateral lower third of the thigh							
Coefficient	.5040458	-.6238231	4.290781	1.531807	.2256778	-.1312641	.0317755
[95% conf. interval]	.2288553 .7792363	-1.602012 .3543659	-.7848143 9.366376	-5.924662 8.988276	-.1458932 .5972488	-.3454592 .0829311	-.7019988 .7655499
P VALUE	0.001	0.199	0.093	0.674	0.220	0.216	0.929
Model 7. Dependent variable: thickness of AT T2, upper lateral third of the leg							
Coefficient	.7044704	.0162382	.3657872	1.404983	-.0340252	-.0005557	.3405623
[95% conf. interval]	.347786 1.061155	-.6905154 .7229918	-3.591648 4.323222	-4.489957 7.299923	-.2989137 .2308633	-.1540365 .152925	-.1301289 .8112535
P VALUE	0.001	0.962	0.849	0.625	0.792	0.994	0.147
Model 8. Dependent variable: thickness of AT T2, lower lateral third of the leg							
Coefficient	.5722481	.1555739	2.019657	5.075516	.2127818	-.1336866	-.242081
[95% conf. interval]	.3272879 .8172084	-.4957402 .8068879	-1.527307 5.566621	-.3845925 10.53563	-.0326161 .4581797	-.272579 .0052059	-.6916502 .2074881
P VALUE	0.000	0.625	0.250	0.067	0.086	0.058	0.275

Table S2. Multivariate regression analysis, left lower limb

The table shows the results of 8 distinct multivariate linear regression models in which the dependent variable measured after 4 weeks of treatment (T2) in the listed models corresponds to the thickness of the adipose tissue measured in the specific points indicated, relating to the left lower limb.

For each model the set of independent variables is the same (time use of leggings, clinical stage, age, duration of the disease and BMI) and furthermore for each model the same dependent variable measured at time 0, before treatment, was added.

BMI: Body Mass Index, AT: adipose tissue

LEFT LOWER LIMB	Dependent variable T0 (mm)	Time of use garments (hours)	Stage 2	Stage 3	Age (years)	Duration of disease (years)	BMI (kg/m ³)
Model 1. Dependent variable: thickness of AT T2, lower medial third of the leg							
Coefficient	.8934615	.233004	-.7534505	-.7262311	-.0410675	.0214195	.2109353
[95% conf. interval]	.7858803 1.001043	-.0545185 .5205266	-2.299203 .792302	-2.979582 1.527119	-.1489988 .0668637	-.0398968 .0827359	.0204504 .4014202
P VALUE	0.000	0.107	0.322	0.510	0.438	0.476	0.032
Model 2. Dependent variable: thickness of AT T2, medial upper third of the leg							
Coefficient	.8715301	.0290124	1.1771978	1.804909	.0337859	-.0206044	.1365699
[95% conf. interval]	.6165075 1.126553	-.760241 .8182659	-3.879079 4.233474	-3.954457 7.564275	-.2626472 .330219	-.1922432 .1510343	-.433478 .7066178
P VALUE	0.000	0.940	0.928	0.522	0.815	0.805	0.624
Model 3. Dependent variable: thickness of AT T2, medial lower third of the thigh							
Coefficient	.4708685	-.1540627	4.340271	.4585533	-.1932233	.1050431	.7932822
[95% conf. interval]	.0600512 .8816859	-1.434167 1.126041	-2.251711 10.93225	-9.889193 10.8063	-.6625439 .2760974	-.1589262 .3690125	-.0286659 1.61523
P VALUE	0.027	0.805	0.185	0.927	0.402	0.417	0.058
Model 4. Dependent variable: thickness of AT T2, medial upper third of the thigh							
Coefficient	.4186955	.2117165	1.218493	4.074215	.1455069	-.053786	.3544904
[95% conf. interval]	-.0657995 .9031904	-.7831327 1.206566	-4.010704 6.447691	-3.160917 11.30935	-.208388 .4994019	-.2987006 .1911286	-.4423942 1.151375
P VALUE	0.087	0.663	0.633	0.255	0.402	0.653	0.365
Model 5. Dependent variable: thickness of AT T2, upper anterior third of the thigh							
Coefficient	.5435959	-.4345661	-2.955517	.2952678	.029845	.0255659	.6153056
[95% conf. interval]	.2462512 .8409407	-1.201747 .3326149	-6.916539 1.005506	-5.474778 6.065313	-.2603488 .3200388	-.1389219 .1900537	.0377489 1.192862
P VALUE	0.001	0.252	0.136	0.916	0.833	0.750	0.038
Model 6. Dependent variable: thickness of AT T2, lateral lower third of the thigh							
Coefficient	.5594951	-.1584413	.1605841	-.3350094	-.2351065	.2122718	.5677884
[95% conf. interval]	.2664981 .8524922	-1.007761 .6908781	-4.077387 4.398555	-6.387646 5.717627	-.5419216 .0717085	.0392732 .3852703	-.0139643 1.149541
P VALUE	0.001	0.702	0.938	0.909	0.126	0.019	0.055
Model 7. Dependent variable: thickness of AT T2, upper lateral third of the leg							
Coefficient	.5742134	.1176057	-.5609833	1.968193	-.0596505	.0244868	.0455059
[95% conf. interval]	.3033269 .8450998	-.485814 .7210253	-3.809962 2.687995	-2.657774 6.59416	-.2881138 .1688129	-.1047446 .1537183	-.3577142 .448726
P VALUE	0.000	0.689	0.723	0.386	0.593	0.698	0.817
Model 8. Dependent variable: thickness of AT T2, lower lateral third of the leg							
Coefficient	.912219	-.082109	-.6271101	-2.145115	-.0464108	.0168647	.2962078
[95% conf. interval]	.6575242 1.166914	-.5919729 .4277549	-3.34677 2.09255	-6.3001 2.00987	-.2383453 .1455237	-.0921114 .1258409	-.0556953 .6481108
P VALUE	0.000	0.741	0.637	0.295	0.620	0.751	0.095