

SUPPLEMENTAL DIGITAL CONTENT 5: COMORBIDITIES

	Diabetes mellitus	Hypertonia	Hypotonia	Hyper-cholesterolemia	Hypothyroidism	Varikosis	Endometriosis	Ovarian dysfunction	Autoimmune disease mostly Hashimoto
Lipohypertrophy (n=4)	0	0	0	1	0	1	0	0	0
Lipedema St. I (n=12)	0	0	0	0	4	2	1	1	3
Lipedema St. II (n=9)	0	1	0	0	3	3	2	0	2
Lipedema St. III (n=8)	0	5	1	0	3	1	1	0	1

The comorbidities of the patients with lipedema whose tissue samples were sequenced are shown. None of the test subjects had diabetes mellitus, and very few had hypercholesterolemia or hypotension. Some of the patients with lipedema suffer from varicosis or hypothyroidism usually due to Hashimoto's thyroiditis. The comorbidity of hypertension occurs particularly in stage III.