

Supplementary Material

Supplementary Table S1. Results of the statistical analysis for wound closure rates at weeks 2, 4, 6, and 8 in ChitoCare and placebo arms. Number of patients with event/number of all patients with rates in brackets are presented with *P* value based on Fisher's exact probability test.

	ChitoCare arm	Placebo arm	<i>P</i> value
Complete wound closure:			
Week 2	0/18 (0.0%)	0/24 (0.0%)	/
Week 4	1/18 (5.6%)	0/24 (0.0%)	0.429
Week 6	1/18 (5.6%)	1/24 (4.2%)	1.000
Week 8	1/18 (5.6%)	1/24 (4.2%)	1.000
75% wound closure:			
Week 2	2/18 (11.1%)	1/24 (4.2%)	0.567
Week 4	3/18 (16.7%)	1/24 (4.2%)	0.297
Week 6	6/18 (33.3%)	3/24 (12.5%)	0.139
Week 8	7/18 (38.9%)	3/24 (12.5%)	0.070
50% wound closure:			
Week 2	2/18 (11.1%)	2/24 (8.3%)	1.000
Week 4	5/18 (27.8%)	3/24 (12.5%)	0.256
Week 6	9/18 (50.0%)	4/24 (16.7%)	0.041
Week 8	11/18 (61.1%)	5/24 (20.8%)	0.011

Supplementary Table S2. Results of the statistical analysis for the relative reduction in wound surface area and the improvement in wound state at weeks 2, 4, 6, and 8 in ChitoCare and placebo arms. Total N is smaller for some outcomes due to patient drop-out or missing data. Statistically significant results (P values < 0.05) are marked in bold. P values are based on nonparametric Mann-Whitney U test.

	ChitoCare arm	Placebo arm	P value
Relative reduction (%) in wound surface area* (N total)			
	Median (Q ₁ ; Q ₃)		
	Mean (SD)		
Week 2	18 20.3 (2.1; 40.0) 16.6 (42.2)	24 1.4 (-18.3; 23.8) 2.4 (38.3)	0.124
Week 4	15 34.6 (-7.0; 72.0) 34.9 (41.8)	20 6.5 (0.2; 39.6) 17.6 (35.6)	0.199
Week 6	13 68.3 (41.0; 81.0) 60.3 (30.3)	19 18.0 (9.3; 41.8) 24.8 (36.6)	0.009
Week 8	13 76.8 (64.6; 89.5) 70.3 (27.7)	17 29.6 (6.4; 48.8) 19.1 (70.7)	0.004
Bates-Jensen wound assesment (N total)			
	Relative change (%) from baseline score: Median (Q ₁ ; Q ₃)		
	Score†: Median (Q ₁ ; Q ₃)		
Week 2	16 2.0 (-13.9; 0.0) 25 (23; 30)	22 0.0 (0.0; 0.0) 27 (26; 28)	0.023 0.467
Week 4	14 -18.5 (-36.7; 0.0) 20.5 (19; 28)	19 0.0 (-4.2; 3.7) 27 (23; 29)	0.006 0.020
Week 6	12 -22.6 (-43.7; 2.0) 20 (16; 25)	18 -1.7 (-7.7; 3.7) 27 (23; 29)	0.027 0.009
Week 8	12 -27.5 (-45.9; -11.6) 19.5 (15; 23.5)	17 -3.6 (-14.8; 3.3) 24 (21; 28)	0.023 0.028

* A negative value implies an increase in wound surface area

† A lower score implies a better wound state

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