Results of the preliminary *in vitro* tests using different EOT concentrations (12.5 ug / ml, 25 ug / ml, 50 ug / ml).

Table S1. Variation of the average width of the wound relative to that of the initial moment (T00), for the analyzed samples (mean ± standard deviation, N = 2). Results are presented for the Time factor from bivariate variance analysis (ANOVA).

Wound coverage, Relative width (%)	C50	C25	C12.5	CTRL	CTRL0
T00	0.00e ± 0.000	0.00e ± 0.000	0.00e ± 0.000	0.00e ± 0.000	0.00e ± 0.000
T12	41.56cd ± 33.808	41.74cd ± 14.434	67.46b ± 5.776	45.70c ± 31.519	24.59d ± 0.037
T24	100.00a ± 0.000	80.26ab ± 19.892	92.03a ± 7.968	100.00a ± 0.000	28.80cd ± 1.158
T36	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000
T48	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000
T60	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000	100.00a ± 0.000

Note: The different letters that accompany the mean values denote statistically significantly different mean values; these results come from the multiple comparison of the means with the Duncan test (P = 0.05) performed post hoc bivariate analysis of variance (ANOVA) (P = 0.05).

Table S2. The variation of the average normalized density of the cells in the initial surface of the wound (mean ± standard deviation, N = 2), relative to the density measured prior to wound production. Results are presented for the Sample factor * Time from bivariate variance analysis (ANOVA).

Normalize Density of Cells (%)	C50	C25	C12.5	CTRL	CTRL0
T00	0.00b	0.00b	0.00ab	0.00ab	0.00ab

	± 0.000	± 0.000	± 0.000	± 0.000	± 0.000
T12	43.97a ± 14.283	46.51a ± 7.587	49.04a ± 14.142	42.91a ± 22.056	8.94ab ± 0.544
T24	80.07a ± 13.248	63.62a ± 14.471	74.30a ± 15.312	73.63a ± 9.135	14.98ab ± 0.557
T36	109.42a ± 4.233	90.17a ± 4.456	85.01a ± 10.243	81.89a ± 3.283	43.41a ± 2.210
T48	117.87a ± 12.002	97.16a ± 1.518	94.60a ± 7.954	86.13a ± 4.516	55.95a ± 3.874
T60	128.72a ± 15.800	117.81a ± 14.556	106.21a ± 11.641	92.70a ± 4.128	70.11a ± 4.052

Note: The different letters that accompany the mean values denote statistically significantly different mean values; these results come from the multiple comparison of the means with the Duncan test (P = 0.05) performed post hoc bivariate analysis of variance (ANOVA) (P = 0.05).

Table S3. Classification of the quality of wound closure according to the Sample factor, according to the value of the Lp norm calculated with the values of the three normalized variables.

Factor: Sample	**Wound coverage, Relative width (%)**	**Wound coverage, Area (%)**	**Normalized Cell Density (%)**	L^p**- norm** p **= 2,5**
C50	73.5932	73.3677	80.0092	0.7644
C12.5	76.5829	75.3847	68.1925	0.7392
CTRL	74.2827	73.8357	62.8761	0.7138
C25	70.3340	69.0682	69.2126	0.6987
CTRL0	58.8981	53.7286	32.2320	0.5049