Supplementary Material

Table S1. Animals. Values are presented as n (%) or median (range).

	Dogs (n = 12)	**Cats (n = 12)**
Age (years), median (range)	4.3 (3-7)	2.7 (2-6)
Body weight (kg), median (range)	13 (10-15)	3 (3-5)
Sex (neutered)		
- Male (castrated)	7 (58%)	9 (75%)
- Female (spayed)	5 (42%)	3 (25%)
Animals excluded after enrollment, n (%)	0 (0%)	0 (0%)
Adverse events requiring removal, n (%)	0 (0%)	0 (0%)

Table S2. Study design and sample allocation.

Design element	**Dogs**	**Cats**
Animals enrolled, n	12	12
Wounds created per animal, n	6	6
Total wounds created, n	72	72
Wounds per treatment per animal, n	2 manuka / 2 dermapliq / 2 control	2 manuka / 2 dermapliq / 2 control
Total wounds per treatment, n	manuka: 24; dermapliq: 24; control: 24	manuka: 24; dermapliq: 24; control: 24
Left-sided wounds (clinical + planimetry + USG), n	36	36
Right-sided wounds (histology), n	36	36
Topical application	Once daily until healed	Same
Blinding	Evaluators blinded	Same
Clinical evaluation days	4, 7, 14, 21, 30	Same
Planimetry days	0, 4, 7, 14, 21, 30 (until healed)	Same
Ultrasonography schedule	q3 d to day 25; weekly to day 60; days 120, 150	Same
Histology days	12, 120, 150	Same

Table S3. Clinical evaluation variables (first appearance of granulation tissue, complete coverage by granulation tissue, wound filling with granulation tissue, complete epithelial coverage) by species and method. Values are presented as mean ± standard deviation (SD). Values are simple descriptive summaries; inferential comparisons are based on parametric frailty time-to-event models.

		First appearance of granulation tissue	**Complete coverage by granulation tissue**	**Wound filling with granulation tissue**	**Complete epithelial coverage**
Dogs	control	2±0	4.75±1.60	8.67±2.1	17.08±3.26
	dermapliq	2±0	3.42±0.9	7.5±2.39	13.75±2.26
	manuka	2±0	3.83±1.34	8.5±2.39	15.75±3.11

Cats	control	3.75±0.75	6.92±1	10.92±1.24	21.5±1.51
	dermapliq	3.42±0.79	6.58±1.51	10.42±1.56	19.3±1.83
	manuka	3.25±0.45	6.25±1.48	9.58±1.51	19.83±1.40

Table S4. Quantity of fluid (0–3) and fluid appearance (0-4) scores by species and treatment. Scores were recorded at scheduled clinical evaluations (postoperative days 4, 7, 14, 21, and 30). Values are presented as median (range) for pooled wound-level observations across all scheduled evaluations. Data are clustered within animals.

		Quantity of fluid	**Fluid appearance**
Dogs	control	0 (0-2)	0 (0-4)
	dermapliq	0 (0-3)	0 (0-3)
	manuka	0 (0-3)	0 (0-4)
Cats	control	1 (0-2)	2 (0-3)
	dermapliq	1 (0-2)	2 (0-3)
	manuka	1 (0-2)	2 (0-3)

Table S5. Planimetry variables (epithelialization, contraction, total wound healing) by species and method are presented as corresponding means and SDs. Values represent pooled wound observations across all planimetry time points (days 0, 4, 7, 14, 21, and 30) and are presented for descriptive purposes only.

		Epithelialization	**Contraction**	**Total wound healing**
Dogs	control	39.16±45.67	50.27±32.44	58.25±38.76
	dermapliq	42.24±48.69	53.17±32.24	60.44±38.55
	manuka	41.20±47.08	52.50±32.52	58.93±37.91
Cats	control	43.17±45.22	45.01±29.12	58.55±37.52
	dermapliq	41.83±46.11	47.37±30.47	59.70±38.42
	manuka	42.62±45.05	46.15±30.16	60.45±38.83

Table S6. Planimetry variables (epithelialization, contraction, total wound healing) by species, are presented as corresponding means and SDs. Values represent pooled wound observations across all planimetry time points (days 0, 4, 7, 14, 21, and 30) and are presented for descriptive purposes only.

	Epithelialization	**Contraction**	**Total wound healing**
Dogs	40.87±46.99	51.98±32.3	59.21±38.26
Cats	42.54±45.44	46.18±29.82	59.57±38.12

Table S7. Ultrasonographic wound area (mm^2) by species and treatment. Values are presented as median (range) for pooled wound observations across all ultrasonographic examinations (from day 0 to day 150). Observations are clustered within animals.

		Ultrasonographic evaluation
Dogs	control	4.995 (0.47-21.77)
	dermapliq	4.16 (0.32-17.16)
	manuka	4.125 (0.26-18.6)
Cats	control	4.09 (0.39-13.65)
	dermapliq	3.45 (0.26-16)
	manuka	3.585 (0.23-15.88)