

Table 1. Baseline characteristics of animals by diabetic mouse model.

Diabetes model	Number of arms	Proportion of studies including males only (%)	Age at wound creation (weeks)	Weight at wound creation (g)	Glycemia at wound creation (mg/dL)	Wound size (mm ²)	Number of animals per arm
Akita	1	100	11	19.6	35
Alloxan	8	87.5	9 (8.5; 9.5)	26.9 (23.3; 30.4)	464 (433; 495)	78.5 (45.6; 78.5)	8 (6; 8.5)
NONcNZO10/Ltj (NON/NZ)	5	75	13	31.0 (31.0; 34.0)	12 (8; 12)
Lepr ^{db} or db/db (-/-)	165	64.2	10 (9; 12)	41.0 (36.1; 46.8)	398 (345; 438)	28.3 (28.3; 50.3)	6 (5; 10)
Db/db heterozygous (+/-)	42	66.7	11 (10; 12)	25.4 (21.4; 28.9)	162 (153; 171)	28.3 (28.3; 50.3)	6.5 (5; 10)
High Fat Diet (HFD)	7	80	23 (15; 27.5)	45 (40; 47.1)	216 (185; 265)	28.3 (19.6; 28.3)	5 (5; 5.8)
Lep ^{ob} or ob/ob (-/-)	9	85.7	10 (7.5; 11.5)	45 (35; 48.5)	423 (423; 423)	19.6 (19.6; 28.3)	12 (6; 14)
Streptozotocin (STZ)	208	84	11 (9.5; 15)	23.5 (22.5; 27.1)	391 (346; 455)	28.3 (19.6; 50.2)	6.5 (5; 10)
Streptozotocin and High Fat Diet (STZ + HFD)	17	93.8	12 (10; 19)	29.1 (25.7; 30.6)	403 (354; 427)	28.3 (28.3; 44.4)	6 (5; 6)
Other diabetic model	8	57.1	12 (8.8; 13.5)	38.9 (35.8; 41.9)	..	20.4 (11.9; 33.8)	7 (6; 14.5)
Wild type	348	75.7	10 (8; 12.8)	26 (24; 27.5)	126 (125; 170)	28.3 (19.6; 50.3)	6 (5; 10)

Data are expressed as median (with 1st and 3rd quartiles) for continuous variables. .. : Missing data.

Table 2. Results of meta-regressions and subgroup analyses for each time point.

Covariate	D3		D7		D11		D15	
	Estimate (95% CrI)	N	Estimate (95% CrI)	N	Estimate (95% CrI)	N	Estimate (95% CrI)	N
Sex (female vs male)	0·61 (-0·11, 1·33)	210	1·00 (0·20, 1·80)	231	1·26 (0·32, 2·22)	163	1·14 (-0·32, 2·60)	132
Ulcer type (pressure vs excisional)	1·63 (-0·03, 3·29)	280	3·15 (1·60, 4·70)	308	2·59 (0·95, 4·27)	214	1·66 (-0·61, 3·99)	178
Wound size at baseline (mm ²)	0·06 (-0·38, 0·50)	266	0·20 (-0·28, 0·69)	289	0·44 (-0·24, 1·12)	201	0·46 (-0·48, 1·40)	157
Covering (not covered vs covered)	-0·19 (-0·63, 0·24)	288	-0·00 (-0·53, 0·53)	318	0·10 (-0·59, 0·78)	220	0·20 (-0·65, 1·07)	183
Topic moisture (no topic vs topic)	-0·28 (-0·69, 0·14)	284	-0·09 (-0·60, 0·41)	314	-0·00 (-0·66, 0·65)	217	0·24 (-0·58, 1·07)	180
Age at wounding (weeks)	-0·08 (-0·49, 0·32)	204	-0·44 (-0·94, 0·06)	230	-0·92 (-1·54, -0·30)	152	-1·04 (-1·77, -0·31)	130
Splint (no splint vs splint)	-0·44 (-1·01, 0·13)	288	-0·38 (-0·26, 1·02)	317	-0·03 (-0·93, 0·88)	220	1·11 (0·17, 2·06)	183

Data are expressed as the standardized mean difference of the percentage of wound area at baseline, with their 95% credibility interval. The further from zero the estimate, the higher the between-group difference in wound healing.