

ELECTRONIC SUPPLEMENTARY INFORMATION

Evaluation of loco-regional skin toxicity induced by an *in situ* forming depot after a single subcutaneous injection at different volumes and flow rates in Göttingen minipigs

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Figure S 1: Viscosity behavior of the test item at batch characterization (n = 3).

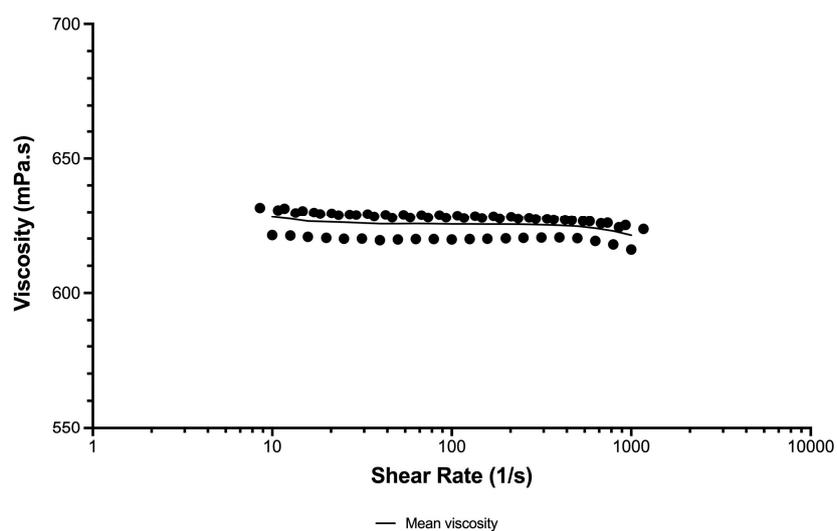


Figure S 2: Representative images of injection sites from the 0.2 mL treated group along the study

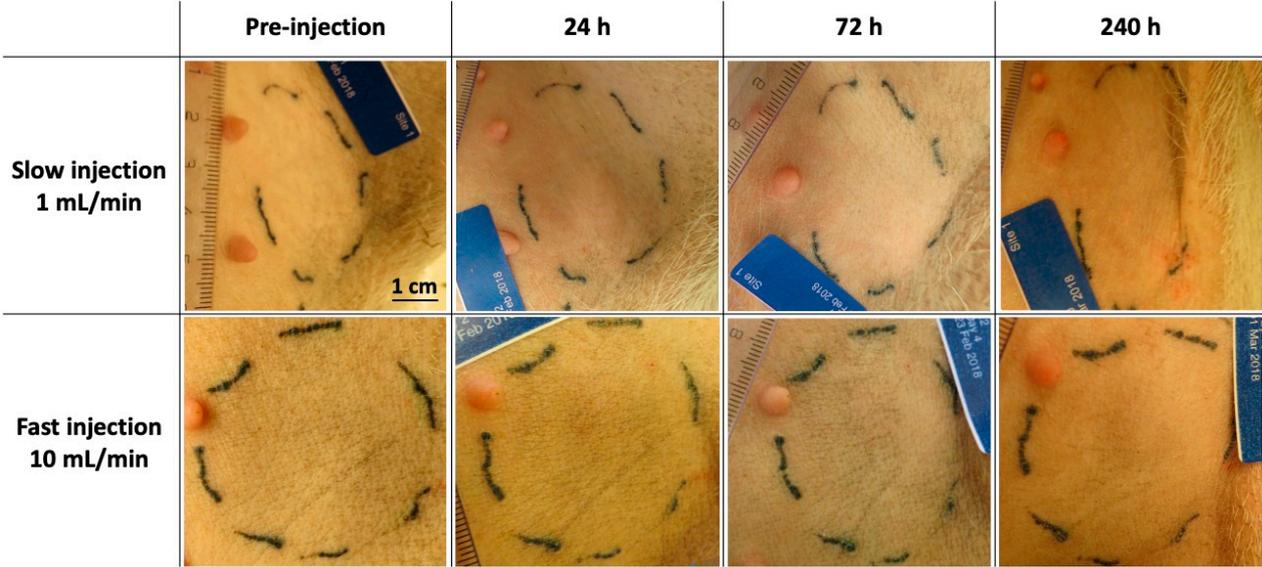


Figure S 3: Representative ultrasound images of A) 0.2 mL test item and B) 1 mL test item injection over the course of the study. Images were acquired along the transverse (1) sagittal (2) planes, at frequencies ranging from 13 to 15 MHz. Bolus (*i.e.* depot) are highlighted in red post-injection and indicated by an arrow at later time points.

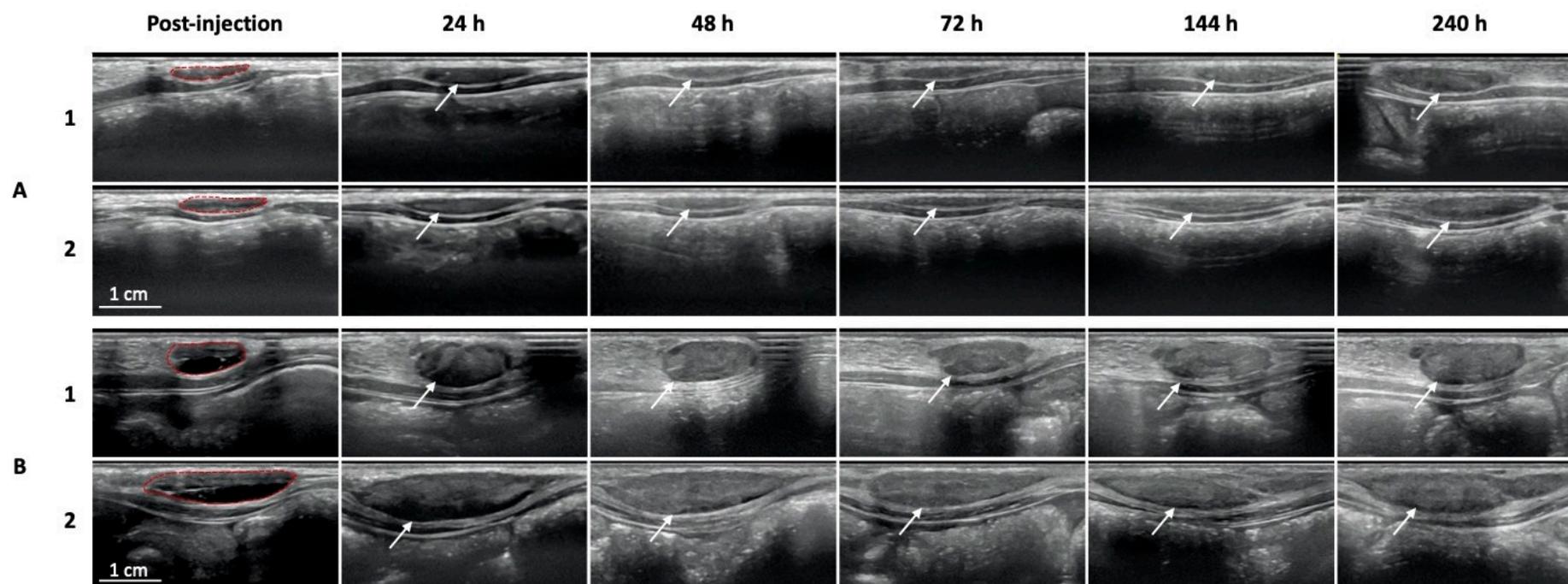


Table S 1: Histopathology grading of each injection sites involved in the study. F: focal; M: multifocal; D: diffuse; P: present. 1: minimal; 2: mild; 3: moderate; 4: marked.

Treatment	Necropsy time point	Animal #	Injection flow rate (mL/min)	Cavity	Pseudocyst	Nodule	Mixed inflammatory cell infiltration	FBGC	Hemorrhage	Necrosis	Chronic inflammation	
Group 1 0.2 mL test item	72 h	1	1 10	P				1				
		2	1 10		P P		2M	1 1				
	240 h	3	1 10			P P		3 3			3D	
		4	1 10			P P		3 3				
	Group 2 1 mL test item	72 h	5	1 10		P P		1D 2D		1M		
			6	1 10		P P		2D 1D	1		1F	
240 h		7	1 10			P P		3 3				
		8	1 10			P P		4 3				