

Paw positions

	1 dpi	5 dpi	7 dpi	14 dpi	21 dpi	28 dpi	35 dpi	42 dpi
PBS 6μl	0 ± 0	0 ± 0	0 ± 0	0.12 ± 0.12	0.12 ± 0.12	0.62 ± 0.42	0.43 ± 0.43	1.33 ± 0.42
(EIS) ₂ -RGD6 6μl	0 ± 0	0 ± 0	0 ± 0	1.08 ± 0.33	1.91*** ± 0.44	2.1** ± 0.48	1.7* ± 0.39	2.1 ± 0.38

Toe clearance

	1 dpi	5 dpi	7 dpi	14 dpi	21 dpi	28 dpi	35 dpi	42 dpi
PBS 6μl	0 ± 0	0 ± 0	0 ± 0	0.5 ± 0.5	1.25 ± 0.59	1.62 ± 0.71	2.14 ± 0.83	2.83 ± 0.65
(EIS) ₂ -RGD6 6μl	0 ± 0	0 ± 0	0 ± 0	0.08 ± 0.08	1.36 ± 0.56	2.3 ± 0.63	2.7 ± 0.76	2.6 ± 0.73

Stepping

	1 dpi	5 dpi	7 dpi	14 dpi	21 dpi	28 dpi	35 dpi	42 dpi
PBS 6μl	0 ± 0	0 ± 0	0 ± 0	2.75 ± 0.65	6 ± 0	6 ± 0	6 ± 0	6 ± 0
(EIS) ₂ -RGD6 6μl	0 ± 0	0 ± 0	0.11 ± 0.1	4.5*** ± 0.7	6 ± 0	6 ± 0	6 ± 0	6 ± 0

Tail position

	1 dpi	5 dpi	7 dpi	14 dpi	21 dpi	28 dpi	35 dpi	42 dpi
PBS 6μl	0 ± 0	0 ± 0	0 ± 0	0.375 ± 0.26	0.75 ± 0.25	0.75 ± 0.16	0.86 ± 0.26	1.5 ± 0.22
(EIS) ₂ -RGD6 6μl	0 ± 0	0 ± 0	0 ± 0	0.416 ± 0.15	0.45 ± 0.16	0.5 ± 0.17	0.5 ± 0.22	0.6* ± 0.27

Coordination

	1 dpi	5 dpi	7 dpi	14 dpi	21 dpi	28 dpi	35 dpi	42 dpi
PBS 6μl	0 ± 0	0 ± 0	0 ± 0	0.12 ± 0.12	0.625 ± 0.32	1.37 ± 0.18	1.29 ± 0.18	1.83 ± 0.31
(EIS) ₂ -RGD6 6μl	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0.81 ± 0.23	1.4 ± 0.22	1.7 ± 0.3	1.9 ± 0.31

Supplementary tables show the separate analysis of the individual BBB aspects assessed (paw positions, toe clearance, stepping, tail position, and coordination), at 1, 5, 7, 14, 28, and 42 days post-injury (dpi), in animals used to perform experiment (EIS)₂-RGD6 III. In all cases, the potential existence of statistically significant differences between PBS 6 μL and (EIS)₂-RGD6 6 μL groups was assessed by two-way ANOVA followed by Bonferroni post-hoc test (*, $p < 0.05$; **, $p < 0.01$; and ***, $p < 0.001$ vs. PBS 6 μL group). Please note that the combined analysis of these individual BBB aspects, in the form of BBB score and sub-score, are shown in Figure 15A,B, respectively. In all cases, data are presented as the mean + SEM.