

Supporting Information materials

Manuscript title: Development of a model system for gas cavity formation behavior of magnesium alloy implantation

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Table S1. The weight loss per initial sample surface area, W_{loss} of the AZ31 screws with different thickness of PLLA coating after 28d of gel immersion (average \pm standard deviation)

Coating thickness(μm)	1.04 \pm 0.04	1.61 \pm 0.19	2.02 \pm 0.11
W_{loss} ($\mu\text{g}/\text{mm}^2$)	20.16 \pm 2.93	18.47 \pm 2.84	11.34 \pm 3.54