Supplementary data

Design, preparation and performance of a novel drug-eluting stent with multiple layer coatings

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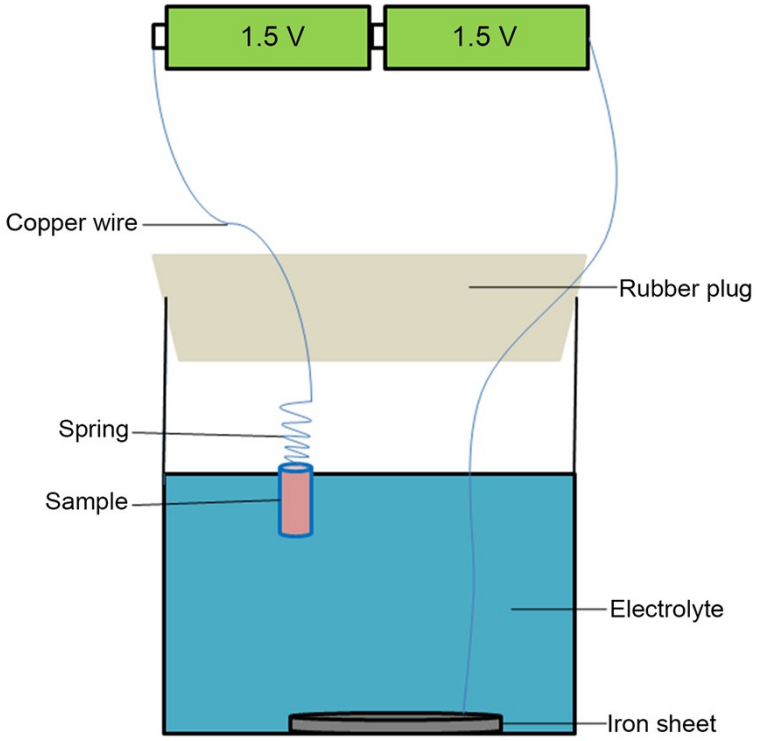

Fig. S1 The schematic diagram of electrolytic device.

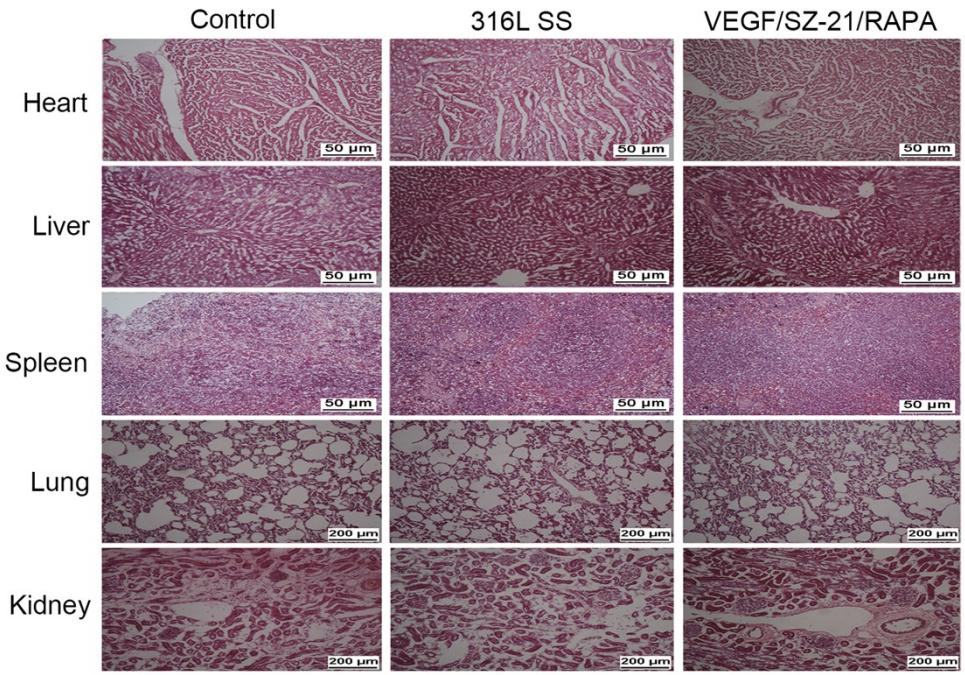

Figure. S2 HE staining images of tissue slice.

Table S1 Blood Biochemical Tests before and after Operation (n = 12)

Projects	Pre-operation	316L SS	SZ-21/VEGF/RAPA
ALT	51.21 ± 8.4	51.5 ± 10.43	50.83 ± 14.06
AST	36.59 ± 10.15	39.56 ± 14.5	35.38 ± 11.76
ALP	43.43 ± 8.05	43.83 ± 7.28	43.17 ± 55.1
TP	54.06 ± 5.07	51.88 ± 4.52	55.88 ± 5.59
ALB	35.96 ± 2.96	36.22 ± 2.2	35.38 ± 4.44
GLB	17.31 ± 4.7	17.33 ± 4.09	17.65 ± 1.48
TBIL	1.29 ± 0.97	1.25 ± 1.05	1.18 ± 1.47
UREA	7.82 ± 0.26	7.28 ± 0.97	7.18 ± 1.17
CREA	118.57 ± 6.43	117.1±10.31	118.5 ± 9.18
GLU	7.66 ± 2.73	7.23 ± 2.08	7.17 ± 2.34
TC	1.77 ± 0.48	1.69 ± 0.43	1.76 ± 0.27
TG	0.57 ± 0.21	0.46 ± 0.11	0.53 ± 0.31
K	5.52 ± 0.56	5.24 ± 0.54	5.43 ± 0.94
Na	132.93 ± 6.41	133.5 ± 6.19	133.33 ± 7.03
CL	94.21 ± 5.86	96.5 ± 4.42	95.5 ± 4.09
Ca	3.23 ± 0.23	3.18 ± 0.15	3.29 ± 0.38

Table S2 Blood Routine Examination before and after Operation (n = 12)

Projects	Pre-operation	316L SS	SZ-21/VEGF/RAPA
WBC	7.88 ± 0.71	7.62 ± 1.63	7.86 ± 1.94
NEUT#	0.2 ± 0.36	0.1 ± 0.25	0.21 ± 0.31
LYMPI#	3.44 ± 0.98	3.75 ± 0.85	4.69 ± 1.43
MONO#	0.27 ± 0.2	0.35 ± 0.18	0.35 ± 0.29
EO#	0.02 ± 0.02	0.04 ± 0.04	0.11 ± 0.09
BASO#	0 ± 0	0 ± 0	0 ± 0
NEUT%	0 ± 0	0 ± 0	0 ± 0
LYMPI%	62.3 ± 4.27	65.72 ± 13.07	56.53 ± 6.62
MONO%	4.96 ± 1.59	5.98 ± 2.51	3.9 ± 2.34
EO%	0.45 ± 0.46	0.67 ± 0.63	1.73 ± 1.24
BASO%	0.24 ± 0.5	0.22 ± 0.53	0.25 ± 0.42
RBC	4.92 ± 0.46	4.87 ± 0.51	4.91 ± 0.39
HGB	108.3 ± 4.62	107.17 ± 7.65	109 ± 10.2
HCT	33.16 ± 2.5	32.53 ± 1.79	33.33 ± 3.98
MCV	66.6 ± 4.89	67.2 ± 6.08	67.48 ± 2.87
MCH	21.97 ± 1.33	21.47 ± 1.19	22.44 ± 2.87
MCHC	324 ± 11.08	320.1 ± 16.12	311.5 ± 11.18
RDW-CV	13.83 ± 1.06	14.03 ± 1.01	13.72 ± 0.85
RDW-SD	32.69 ± 3.39	33.15 ± 4.28	34.13 ± 3.43
PLT	312.2 ± 18.97	313.5 ± 37.64	350.1 ± 131.15
MPV	8.19 ± 0.91	8.05 ± 0.78	8.13 ± 1.1
P-LCR	6.94 ± 1.41	9.7 ± 4.62	12.17 ± 6.57
PDW	17.61 ± 0.79	17.73 ± 1.16	17.52 ± 1.25
PCT	0.26 ± 0.09	0.25 ± 0.03	0.24 ± 0.13