Supporting Information

Title: A Superhydrophilic Zwitterionic Hydrogel Coating for Enhancing Long-Term Anti-bacterial Adhesion and Anti-encrustation Properties of Ureteral Stents

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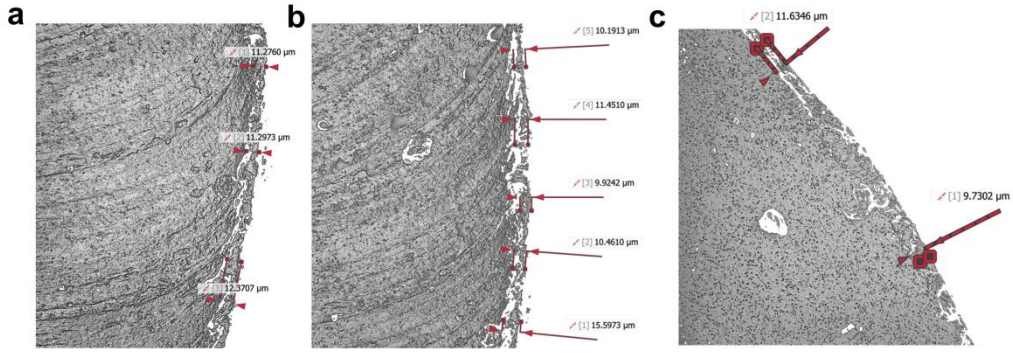

Fig. s1. The film thickness of coated samples measured by 3D optical profiler. (a, b, c)

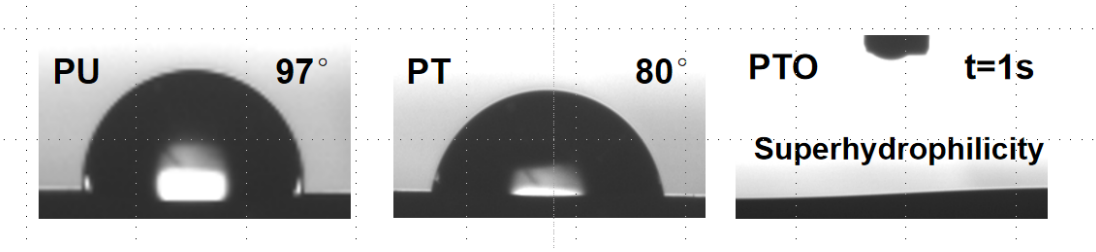

Fig. s2. Contact angles on stents after six month storage.

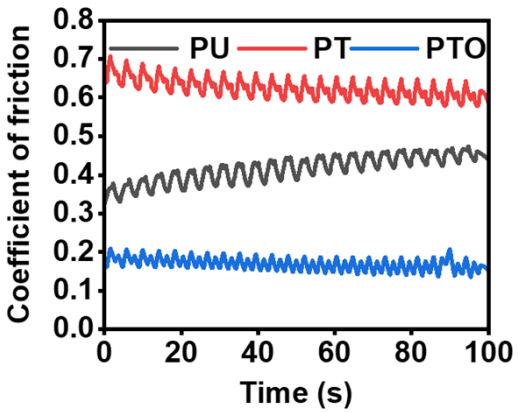

Fig. s3. The friction coefficient of stents after six month storage.

Table s1. The friction coefficient of stents before and after six month storage

	PU	PT	PTO
Initial	0.43699	0.56847	0.14103
After six month	0.40378	0.63785	0.17514

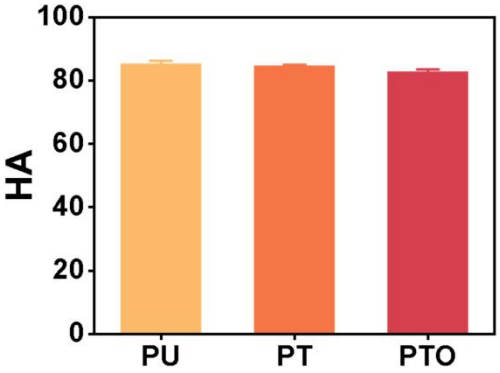

Fig. s4. The hardness test of samples (PU, PT, PTO).

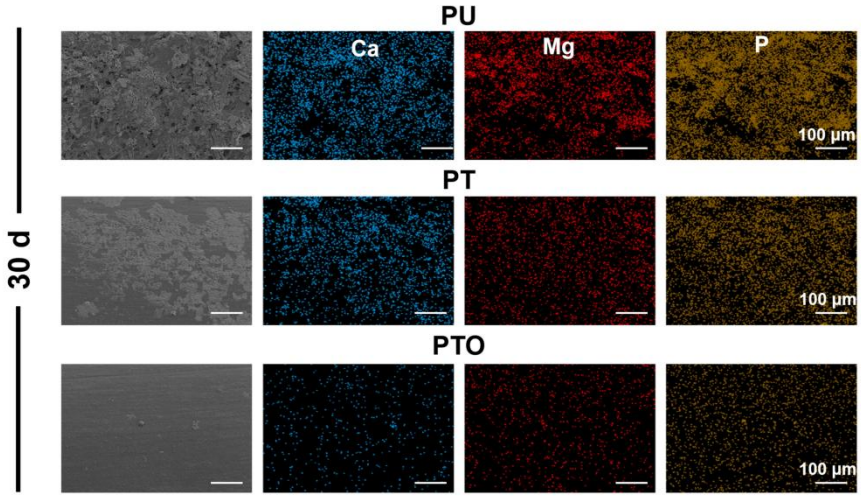

Fig. s5. Element aggregation of stents after 30 days.