Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.

Supplementary material

Electrospun Poly(L-lactide-co-caprolactone)/collagen/chitosan Vascular Graft in a Canine Femoral Artery Model

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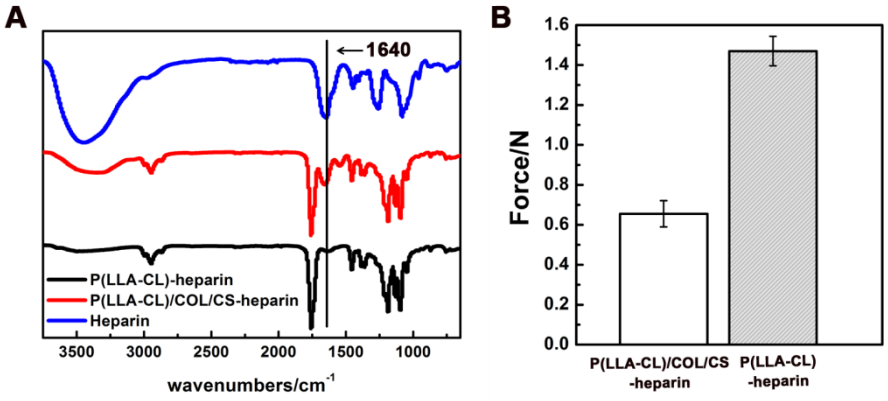

Fig. S1 (A) FTIR spectra of P(LLA-CL)-heparin, P(LLA-CL)/COL/CS-heparin and heparin. (B) Suture retention forces of P(LLA-CL)/COL/CS-heparin and P(LLA-CL)-heparin grafts.

Table S1 Dissolvability test to determine optimized crosslinking extent

Electrospun membranes	Soaking time at 37.0 ℃	Time length of crosslinking				
		6 h	12 h	1 day	2 days	3 days
collagen	Day 1	Y	Y	Y	Y	Y
	Day 3		Y	Y	Y	Y
	Day 7		Y	Y	Y	Y
chitosan	Day 1	Y	Y	Y	Y	Y
	Day 3			Y	Y	Y
	Day 7			Y	Y	Y

'Y' denotes membrane samples remain after the specified period of soaking.