

## Supplementary

**Table S1** The changes in rat body weight following transplantation with decellularized penile scaffolds

Group (n=6)	0 w	1 w	2 w	3 w	4 w
Control	99.83±4.32*	142.23±4.35	191.34±6.65	251.35±6.13	304.52±6.31
HEP-DPSs	96.76±5.21	140.13±7.14	195.21±6.11	254.58±7.46	306.26±7.52
HEP-HUVECs-DPSs	97.56±5.13	139.43±6.34	193.29±5.62	256.63±5.45	301.58±6.68
P value	0.5446	0.7122	0.5637	0.3784	0.4295

\*, body weights are shown in grams as mean ± standard deviation. HEP, heparin; DPSs, decellularized penile scaffolds; HUVECs, human umbilical vein endothelial cells; w, weeks.