

Supporting Information

Nanosilver Functionalized Hybrid Hydrogels of Carboxymethyl Cellulose/Poly(vinyl alcohol) with Antibacterial Activity for Prevention and Therapy of Infections of Diabetic Chronic Wounds

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Tables

Table S1. Results of halo diameters (mm) of disk diffusion test performed according to Clinical & Laboratory Standards Institute (CLSI) using reference strains (\bar{x} : Average; SD: standard deviation).

Antimicrobial	<i>E. faecalis</i>		<i>S. aureus</i>		<i>E. coli</i>		<i>P. aeruginosa</i>	
	ATCC 29212		ATCC 29213		ATCC 25922		ATCC 27853	
	mm	mm	mm	mm	mm	mm	mm	mm
Cefotaxime (30 µg)	31.5	0.5	29.5	0.5	34.5	1.0	21.5	0.5
Norfloxacin (10 µg)	23.5	0.5	27.5	0.5	31.5	0.5	25.0	0.5

Table S2. Quality control ranges for antimicrobials according to CLSI M100-28th ed. [44].

Antimicrobial	<i>E. faecalis</i>		<i>S. aureus</i>		<i>E. coli</i>		<i>P. aeruginosa</i>	
	ATCC 29212		ATCC 29213		ATCC 25922		ATCC 27853	
	mm	mm	mm	mm	mm	mm	mm	mm
Cefotaxime (30 µg)	≥26		25-31		29-35		18-22	
Norfloxacin (10 µg)	≥17		17-28		28-35		22-29	