

**A novel anti-washout curing solution of calcium phosphate cement
prepared by irradiation polymerization**

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Table S1 Compositions of PAAS-CPCs and IPAAS-CPCs

Sample	Composition (wt.%)			
	DCPA	PCCP	PAAS	Irradiated PAAS
0PAAS-CPC	50	50	0	/
0.5PAAS-CPC	50	50	0.5	/
1.0PAAS-CPC	50	50	1.0	/
1.5PAAS-CPC	50	50	1.5	/
0.5IPAAS-CPC	50	50	/	0.5
1.0IPAAS-CPC	50	50	/	1.0
1.5IPAAS-CPC	50	50	/	1.5

Table S2 Primer sequence used for the RT-qPCR analysis

Gene	Primer direction	Primer sequence
GAPDH	Forward primer (5'-3')	TGTGTCCGTCGTGGATCTGA
	Reverse primer (3'-5')	TTGCTGTTGAAGTCGCAGGAG
ALP	Forward primer (5'-3')	TGCCTACTTGTGTGGCGTGAA
	Reverse primer (3'-5')	TCACCCGAGTGGTAGTCACAATG
OCN	Forward primer (5'-3')	AGCAGCTTGGCCCAGACCTA
	Reverse primer (3'-5')	TAGCGCCGGAGTCTGTTCACTAC
BSP	Forward primer (5'-3')	AGAACAATCCGTGCCACTCACTC
	Reverse primer (3'-5')	AGTAGCGTGGCCGGTAACTTAAAGA