

Table S1. Characteristics details of the patients enrolled in the study

Case No.	Age (years)	Gender	Symptoms	Diagnosis	Disc level	Pfirmann grading
Case 1	34	F	BP	Lumbar disc herniation	L5/6	IV
Case 2	45	M	BP	Lumbar disc herniation	L4/5	IV
Case 3	48	M	BP-RP	Lumbar disc herniation	L5/S1	III
Case 4	42	M	BP-RP	Lumbar disc herniation	L5/S1	IV
Case 5	38	M	BP-RP	Lumbar disc herniation	L4/5	III
Case 6	49	F	BP	Lumbar disc herniation	L4/5	IV
Case 7	41	M	BP	Lumbar disc herniation	L5/S1	III
Case 8	38	F	BP	Lumbar disc herniation	L5/S1	III

BP: back pain; RP: radicular pain.

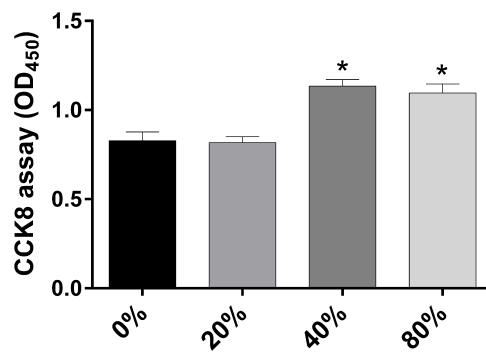


Fig. S1. CCK8 evaluates the effect of different concentrations of UCMSCs-CM on D-NPSCs. The OD values of the 40% group and the 80% group were statistically significant, while the 20% group showed no significant difference. The data are expressed as means \pm SD, n=3. *p<0.05, vs. 0% group.