

Article title: Infant cardiosphere-derived cells exhibit non-durable heart protection in dilated cardiomyopathy rats

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Supplement Table 2: CDCs isolated from patients of different ages

Study(yr)	CDCs donor ages			CD105 ⁺ (%)	CD90 ⁺ (%)	CD117 ⁺ (%)			CD34 ⁺ (%)	CD45 ⁺ (%)	model/patient	efficacy
	<30days	1 month-2 years	(≥2-13) years			9±3	7±1	3±0.3				
Rachana et al (2011)				81±3	65±5				N/A	N/A	rat,MI	↑function myocardial regeneration
Shuta et al (2015)	<6 years			99.7	70.3	N/A			N/A	0.1	child, Hypoplastic Left Heart Syndrome	↑function
Rachel Ruckdeschel et al (2007)	(31.4±1.6) years			about 95	about 37	about 18		about 10		about 0	mice,MI	↑function myocardial regeneration
White et al (2013)	(56.8±15) years			84±13	24±11	8±5		N/A	N/A	N/A	N/A	N/A
Chan et al (2012)	(40-83) years			80±4	55±5	0.2±0.1		1.2±0.6	N/A	N/A	N/A	N/A
Walravens et al (2018)	young			67±3	58±10	3.4±2.0		N/A	N/A	N/A	N/A	N/A
	(47-77) years			88±4	22±3	0.2±0.1						
Kento et al (2007)	9 days-77 years			98.6±0.6	68.3±1.2	0.8±0.3		0.5±0.2	0.4±0.2		mice,MI	↑function ↑angiogenesis ↓volumes
Nakamura et al (2016)	(2-83) years			90.7-99	14.4-79	N/A		N/A	N/A	N/A	N/A	N/A
Li et al (2012)	adult			99.89	18.4	7.04		1	N/A	N/A	mice,MI	↑function ↓apoptotic cells
Rajendramair et al (2017)	adult			94±1.5	16±1.2	6.3±5.8		1.1±0.3	0.67±0.21		N/A	N/A
Cheng et al (2014)	adult			97.8±1.7	25.1±26.9	2.9±2.0		N/A	0.2±0.4		mice,MI	↑function ↑myocyte number ↓apoptotic cells
Harvey et al (2017)	adult			about 95	about 55	about 1		about 1	about 1		rat,MI	↑function ↑angiogenesis ↓scar size

CDCs, cardiosphere derived cells; MI, myocardial infarction; ↑ indicates increase; ↓, decrease.

Supplement Table 2 References:

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