

Table 1. Summary of microfluidic oxygenator advantages over standard method

Age	Loading Time (min)	Viability Improvement (Fold)	Loading Improvement (Fold)
P12	20	1.0X	1.1X
P20	30	1.0X	1.5X
P30	90	1.2X	2.0X
P50	120	2.0X	3.0X
P70	150	2.2X	11.0X
1 yr old	180	3.4X	2.5X