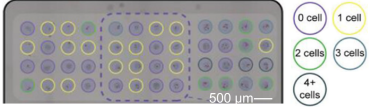

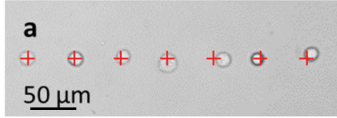
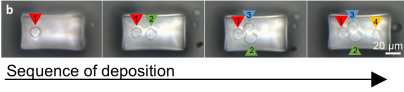
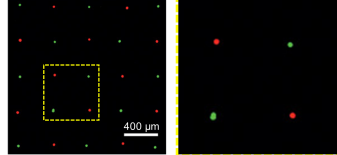
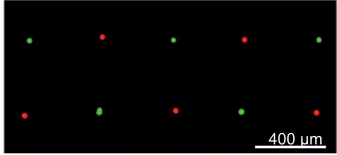
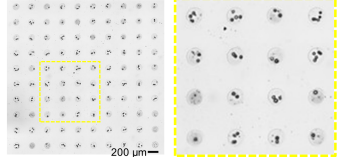

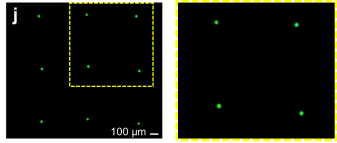
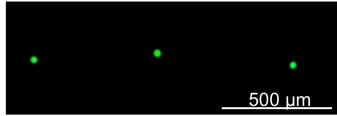


Instrument	Reproducible single-cell deposition?	Smallest single-cell spacing demonstrated	Max cell types/populations used in a print	Demonstrate Native Tissue Reconstruction?	Citation			
<b>Laser Bioprinting</b>								
NGB-R, Poietis	No	Missing spots and doublets+ 	500 μm	Distance measured between spots, variable cell placement within each spot 	2	HUVEC and hMSC	No	Bosmans et al. [1]
Custom	Yes	One cell per target 	< 20 μm	Inconsistent spacing and control 	2	hMSC and hTSPCs	No	Zhang, J. et al. [2]
<b>Inkjet Bioprinting</b>								
Custom	Yes	One cell per spot, no missing spots 	400 μm		3	NIH 3T3 in three colors	No	Zhang, P. et al. [3]
JetLab II, MicroFab Technologies	No	Missing spots and doublets+ 	200 μm	Distance measured between spots, variable cell placement within each spot 	3	NIH3T3 in three colors	No	Park et al. [4]
<b>Microfluidic Bioprinting</b>								
Biopixlar, Fluicell	Yes	One cell per spot, no missing spots 	500 μm		2	HaCaT and A431	No	Jeffries et al. [5]