

Materials List for:

Dynamic Contrast Enhanced Magnetic Resonance Imaging of an Orthotopic Pancreatic Cancer Mouse Model

Hyunki Kim¹, Sharon Samuel¹, John W. Totenhagen¹, Marie Warren¹, Jeffrey C. Sellers², Donald J. Buchsbaum³

¹Radiology, University of Alabama at Birmingham

²Comprehensive Cancer Center, University of Alabama at Birmingham

³Radiation Oncology, University of Alabama at Birmingham

Correspondence to: Hyunki Kim at hyunki@uab.edu

URL: <https://www.jove.com/video/52641>

DOI: [doi:10.3791/52641](https://doi.org/10.3791/52641)

Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	11965-118	
Fetal bovine serum	Harlan Laboratories	BT-9501	
Betadine	Purdue products	67618-153-01	
5-0 Prolene sutures	Ethicon	8720H	
9.4T MR scanner	Bruker Biospin Corporation	BioSpec 94/20 USR	
Gadoteridol	Bracco Diagnostics Inc	NDC 0270-1111-03	
Micro-polyethelene tube	Strategic Applications, Inc	#PE-10-25	
30 G blunt tip needle	Strategic Applications, Inc	89134-194	
Monitoring and gating system	SA instruments, Inc	Model 1030	This is an MR compatible system to measure resiratory rating and body temperature of small animals at the same time.
Syringe pump	New Era Pump Systems, Inc.	NE-1600	