

Materials List for:

Upper Extremity Transplantation in Non-Human Primates: An Orthotopic Model for Translational Research.

David A Leonard^{1,2,3}, Harrison Powell¹, Alexander Albritton¹, Kumaran Shanmugarajah^{1,2}, Melissa Mastroianni^{1,2}, Sarah Lofgren¹, James Winter¹, Josef M Kurtz^{1,4}, Curtis L Cetrulo, Jr^{1,2}

¹Transplantation Biology Research Center, Massachusetts General Hospital, Harvard Medical School

²Division of Plastic and Reconstructive Surgery, Massachusetts General Hospital, Harvard Medical School

³Department of Plastic & Reconstructive Surgery Research, University of Manchester

⁴Department of Biology, Emmanuel College

Correspondence to: Curtis L Cetrulo, Jr at ccetrulo@mgh.harvard.edu

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Materials

Name	Company	Catalog Number	Comments
ORTHOPEDIC EQUIPMENT			
Electric Pen Drive	Synthes, Westchester PA	05.001.011	Reciprocating saw/drill
Low Contact Dynamic Compression Plate, 2mm, 4 hole	Synthes, Westchester PA	449.931	Ulna plate
Low Contact Dynamic Compression Plate, 2mm, 6 hole	Synthes, Westchester PA	449.936	Radius plate
Titanium cortex screws, self tapping, 2mm	Synthes, Westchester PA	401.806.96	
GENERAL SURGICAL INSTRUMENTS			
Adsons forceps	Inetgra Miltex, Plainsboro, NJ		
Geralds forceps	Inetgra Miltex, Plainsboro, NJ		
Scalpel handle	Inetgra Miltex, Plainsboro, NJ		
Scalpel blades, No. 15	Inetgra Miltex, Plainsboro, NJ		
Tenotomy scissors	Accurate Surgical & Scientific Instruments, Westbury, NY		
Mayo scissors	Inetgra Miltex, Plainsboro, NJ		
Mosquito clamps	Inetgra Miltex, Plainsboro, NJ		
Needle driver	Inetgra Miltex, Plainsboro, NJ		
Bipolar diathermy forceps	Inetgra Miltex, Plainsboro, NJ		
Micro hemacclip applier	Ethicon, Somerville, NJ		
MICROSURGICAL INSTRUMENTS			
Jewlers forceps	Accurate Surgical & Scientific Instruments, Westbury, NY		
Micro scissors	Accurate Surgical & Scientific Instruments, Westbury, NY		
Micro needle driver	Accurate Surgical & Scientific Instruments, Westbury, NY		
Vessel dilator	Accurate Surgical & Scientific Instruments, Westbury, NY		
Anterior chamber needle	Accurate Surgical & Scientific Instruments, Westbury, NY		
Ackland clamps (single)	Accurate Surgical & Scientific Instruments, Westbury, NY		

Ackland clamps (approximator)	Accurate Surgical & Scientific Instruments, Westbury, NY		
MEDICATIONS			
Isoflurane			1-3% Inhaled in Oxygen
Ketamine			1 mg/ml 5-10ml/hr CRI
Buprenorphine			0.01mg/kg IV 12 hourly
Banamine			1mg/kg IM pre-operatively and post operatively
Cefazolin			25mg/kg IM pre and post operatively
INTRAVENOUS FLUIDS			
0.9% Normal Saline			5 ml/kg/hr intraoperatively
5% Dextrose			run at 5ml/hr before and after FK infusion
Albumin 5%			5 ml/kg/hr intraoperatively
Dopamine 40mg/ml			as needed intraoperatively