

Swine Model of Biofilm Infection and Invisible Wounds

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jove.com/video/65301

Materials

Name	Company	Catalog Number	Comments
Sedation			
Ketamine	Zoetis	10004027	100mg/ml
Telazol	Zoetis	106-111	100mg/ml
Xylazine	Pivetal	04606-6750-02	100mg/ml Anased
3ml syringe w/ 20g needle	Covidien-Monoject	8881513033	
Winged infusion set 21g	Jorgensen Labs	J0454B	
Anesthetic			
Isoflurane	Pivetal	21295097	
Surgery			
Hair clippers	Wahl	8787-450A	
Nair	Church and Dwight Co. Inc	70506572	
Chlorhexidine Solution	First Priority Inc.	179925722	
70% Isopropyl Alcohol	Uline	S-17474	
0.9% Saline Solution	ICU Medical	RL-7282	
Non-woven gauze	Pivetal	21295051	
Paper tape	McKesson	455531	
2" Elastic tape	Pivetal	21300869	
18-22g Intravenous Angiocath	SurVet	(01)14806017512306	
Spay hook	Jorgensen Labs	J0112A	
Sterile lube	McKesson	16-8942	
Laryngoscope	Jorgensen Labs	J0449S	
Roll gauze	Pivetal	21295032	
Endotracheal tube (7-9mm)	Covidien	86112	Shiley Hi-Lo Oral Nasal Tracheal Tube Cuffed
15gtt/ml IV administration set	ICU Medical	12672-28	
LRS 1000ml bag	ICU Medical	07953-09	
Three Quarter Drape Sheet	McKesson	16-i80-12110G	
Analgesia			

Buprenorphine	RX Generics	42023-0179-05	0.3mg/ml
Fentanyl Transdermal			
Carprofen	21294548	Pivotal	50mg/ml Levafen
Bandaging			
Transparent film dressing 26x30	Genadyne Biotechnologies	A4-S00F5	
Film dressing 4 x 4-3/4 Frame Style	McKesson	886408	
Vetrap	3M	1410BK BULK	
Elastic tape 4"	Pivotal	21300931	
Kerlix Roll Gauze	Cardinal Health	3324	
Imaging			
Canon EOS 80D	Canon	1263C004	
Speedlight 600EX II-RT	Canon	1177C002	
EFS 17-55mm Ultrasonic	Canon	1242B002	
GE Logiq E9	GE	5197104-2	
ML6-15 Probe	GE	5199103	
PeriCamPSI	Perimed	90-00070	
DermaLab	Cortex Technologies Inc	4608D78	
Biopsy/Tissue Collection			
6mm punch biopsy	Integra Lifesciences	33-36	
bupivacaine 0.5%	Auromedics Pharma	55150017030	
Size 10 Disposable Scalpel	McKesson	16-63810	
Dissection scissors	Pivotal	21294806	
Rat tooth thumb tissue forceps	Aesculap	BD512R	
Non-adherent Dressing	Covidien	2132	Telfa
50ml Conical tube	Falcon	352070	
Eppendorf/microcentrifuge tube	Fisherbrand	02-681-320	
OCT Cassette			
Non Woven Gauze 4x4	Pivotal	21295051	
Inoculum			
Low salt LB agar	Invitrogen	22700-025	
Low salt LB broth	Fisher scientific	BP1427-500	
Petri plate	Falcon	REF-351029	
Polypropylene round bottom tubes (14 ml)	Falcon	REF-352059	
Pseudomonas Agar Base (Dehydrated)	Thermo Scientific	OXCM0559B	
LB Agar, powder (Lennox L agar)	Thermo Fisher Scientific (Life Technologies)	22700025	
Gibco™ DPBS, calcium, magnesium	Gibco	14040133	
Euthanasia			
18-22g Intravenous Angiocath	SurVet	(01)14806017512306	
Fatal Plus	Vortech Pharmaceuticals	9373	