

Materials List for:

# Orthotopic Ovarian Transplantation Procedures to Investigate the Life- and Health-span Influence of Ovarian Senescence in Female Mice

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## Materials

Name	Company	Catalog Number	Comments
Dissecting microscope	Any dissecting scope with an adjustable working distance.		
Warm Water Recirculator and appropriate pad for your size surgical/recovery field.	Stryker/Gaymar	TP700	Circulating water pads produce even and consistent temperature operating and recovery fields.
Surgical instruments-dissection instruments for access to the reproductive tract			Choice of specific surgical instruments is highly surgeon-specific
Surgical instruments-fine instruments for the transplantation procedure.			Choice of specific surgical instruments is highly surgeon-specific
Suture material for abdominal wall	eSutures	G3756K: 6-0 MILD CHROMIC GUT 18" HE-7 CUTTING, DOUBLE ARMED	
Suture material for ovarian bursa	eSutures	2809G: 9-0 or 2810G: 10-0 ETHILON BLACK 5" BV130-5 TAPER	10-0 suture can be difficult to locate if dropped on the surgery field.
Absorbable gelatin sponge	PFIZER.	Gelfoam- PFIZER 09-0315-08.	cut into small (~2mm) pieces under sterile conditions.
Staples for skin closure	Becton Dickinson	MikRon Autoclip 9mm (BD 427631)	
Eye ointment.	MWI Veterinary Supply Co.	Puralube sterile ophthalmic ointment	
Syringes for anesthesia, analgesia and epinephrine	MWI Veterinary Supply Co.	BD 305536	27g x 3/8in, Intra dermal Bevel 1/2ml
Syringes for saline.	MWI Veterinary Supply Co.	BD 309657.	3ml syringe, luer-lok tip, 27g needle
Clippers/blade	Andis	Super AGR+™ Cordless Detachable Blade Clipper and a CeramicEdge® #40 blade.	Any clippers with a fine blade.
Ethanol	University chemical supply		dilute to 70% for use.
Betadine solution	MWI Veterinary Supply Co.	003233	
2x2 gauze pads	MWI Veterinary Supply Co.	003073	autoclaved with surgery packs
Borosilicate glass beads	Sigma-Aldrich Co.	Z273619	Autoclave in sterilization vials
4-vinylcyclohexene diepoxide	Sigma-Aldrich Co.	94956	
Sesame oil	Sigma-Aldrich Co.	S3547	