

Materials List for:

# Ovariectomy and 17 $\beta$ -estradiol Replacement in Rats and Mice: A Visual Demonstration

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URL: <https://www.jove.com/video/4013>

DOI: [doi:10.3791/4013](https://doi.org/10.3791/4013)

## Materials

Name	Company	Catalog Number	Comments
Rimadyl, 50 mg/mL	Pfizer Pharma GmbH	462986	Postoperative analgesia after ovariectomy.
Lubrithal eye gel	Leo Laboratories		Eye protection during surgery.
Jodopax vet	Pharmaxim		Surgery disinfection.
Vicryl 4-0 suture	Johnson & Johnson		Wound suture and ovary ligation.
17 $\beta$ -estradiol, >98%	Sigma-Aldrich	E8875-1G	In sesame oil for silastic capsules and Nutella.
Sesame oil	Sigma-Aldrich	S3547-1L	Dissolving the 17 $\beta$ -estradiol.
Silastic tubing, ID/OD: 1.575/3.175 mm	Dow Corning	508-008	Production of silastic capsules.
Wooden applicator stick	Selefatrade	12-0783	Capping of silastic capsules.
Nutella	Ferrero		Medium for peroral 17 $\beta$ -estradiol.