

**Materials List for
Subcutaneous Dihydrotestosterone (DHT) Treatment: Mouse Model of
Polycystic Ovary Syndrome (PCOS)**

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URL: <https://www.jove.com/video/20014>

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Materials

Name	Company	Catalog Number	Comments
Crystalline 5 α -DHT powder	Sigma-Aldrich	A8380-1G	
Dow Corning Silastic tubing	Fisher Scientific	11-189-15D	0.04in/1mm inner diameter x 0.085in/2.15mm outer diameter
Medical adhesive silicone	Factor II, InC.	A-100	
Goggles, lab coats, gloves and masks			
3 mL Syring	Becton, Dickinson and Company (BD)	30985	
Attached needle: 20G	BD	305176	
Ruler: any length than 10 cm with millimeter scale.			
Xylazine	Vet one AnnSeA LA, MWI, Boise	NDC13985-704-10	100 mg/mL
Ketamine Hydrochloride	Hospira, Inc	NDC 0409-2051-05	100 mg/mL
Surgical staple	AutoClip® System, Fine Science Tool	12020-00	
Insulin syringe	BD	329461	1/2 CC, low dose U-100 insulin syringe
Trocar	Innovative Research of America	MP-182	
Razor blade	Fisher Scientific	12-640	
Clidox	Fisher Scientific	NC0089321	
Surgical underpad	Fisher Scientific	50587953	Andwin Scientific 56616018
Betadine Antiseptic Solution	Walgreens		
3M Vetbond (n-butyl cyanoacrylate)	3M Science. Applied to Life		