

Chapter 2

Materials

1. Animals

Mature, 3 months old, virgin female Charles Foster rats received from Ciba Research Center, Goregaon Bombay, India.

2. Hormones and Chemical compounds

2.1 Hormones

Depo Medroxyprogesterone Acetate (Upjohn company, Kalamazoo, U.S.A.)

Syntocinon (Sandoz Ltd., Brazil)

2.2 Chemical compounds

2.2.1 DMPA's Vehicle

Poly ethylene glycol 400

Poly sorbate 80

Sodium Chloride

Methyl paraben

Propyl paraben

2.2.2 Chemical compounds for permanent slides

Ethyl alcohol

Butyl alcohol

Harris hematoxylin

Eosin
1% Periodic acid
Sodium thiosulphate
Schiff's reagent
Orange-G
Iron alum
Picric acid
Formaldehyde
Glacial acetic acid
Aluminium ammonium sulphate
Mercuric Oxide
Mercuric chloride
Methyl alcohol
Chloroform
Xylene
Hydrochloric acid
Paraplast (Arthur, H. Thomas)
Permunt (Fisher Scientific
Company, U.S.A.)

3. Equipment

Syringe (1 c.c.)
Medicine dropper
Microtome (AO Model 815)
Slides, Cover glass
Light microscope