

5.2.2. What supplies are needed for sterilisation programmes?

The basic supplies needed to set up a sterilisation clinic, and the equipment required to perform 100 female sterilisations are provided in this section, but first read [here](#) to learn whether these programmes are necessary. Click [here](#) to view basic devices for dog sterilisation.

Items for static clinic

- ▶ Registration area
 - Tables and chairs
- ▶ Waiting/recovery area
 - Poles/ tress to tie leashes to
 - Extra cages for small dogs and cats
 - Newspaper, towels, mats
 - Heating pads (particularly in regions with cold weather conditions if the clinic is outside)
- ▶ Prep room / store room / laundry
 - Tables (ideally stainless steel tops, otherwise tables with easy to disinfect surfaces)
 - Autoclave ideally, otherwise a steriliser or cold sterilisation equipment that will render the equipment aseptic
 - A storage cabinet with a lock (for storage of drugs)
 - Weighing scales
 - Refrigerator (to store vaccines and drugs)
 - Electric clipper with blade size 40 (alternatively, disposable shaving blades)
 - Spray bottles for prep solutions
 - Waste bins
 - Restraining devices for dogs and cats (e.g. muzzles, leashes, nets, crush cages, towels etc.)
- ▶ Surgery room
 - Surgical tables (ideally stainless steel tops, otherwise tables with easy to disinfect surfaces)
 - IV stand
 - Instrument stand
 - Surgical lamps (optional if vets feel there is adequate light)

Items for mobile clinic

- ▶ Provision of clean water supply (bottled if necessary)
- ▶ The same as above for the static clinic (and all need to be fitted into the mobile vehicle).

Items for registration/education materials

- ▶ Registration forms
- ▶ Post-operative care instructions
- ▶ RPO materials

Medical/surgical equipment needed (1-2 of each unless otherwise stated)

- ▶ Kidney bowl
- ▶ Thermometer
- ▶ Gauze container
- ▶ Scissors

- ▶ Haemostat
- ▶ Suture-removal scissors
- ▶ Nail clippers
- ▶ Stethoscope
- ▶ Pen light
- ▶ Storage jar
- ▶ Laryngoscope
- ▶ Various sizes of endotracheal tubes (ideally used only once daily – minimum 15-20 required)
- ▶ Spay sets (depending on daily capacity - preferably a minimum of 10 sets)
 - Haemostats
 - Towel clamps
 - Needle holder
 - Allis forceps
 - Tissue forceps
 - Backhaus clamps
 - Carmalt forceps
 - Scissors
 - Spay hook
- ▶ Items for a crash box (emergency)
 - Resuscitation bag
 - Endotracheal tubes and laryngoscopes
 - Needles and syringes
 - Gauze
 - Emergency drugs (adrenalin, atropine, dexamethasone, antihistamine, morphine, doxapram, reversal agents etc.)

Medical/surgical consumables (for 100 dogs)

- ▶ Gauze 1,500 pieces (for prep – minimum 10-15 per dog)
- ▶ Cotton (for injection - 1-2 rolls)
- ▶ Needles (one needle per injection – estimate at least 600-700 pieces)
- ▶ Syringes (minimum 100 pieces). Note: syringes can be reused for same drugs unless contaminated. Preferably changed daily.
- ▶ Lubricating jelly (to take temperature) – 1 tube
- ▶ Examination gloves – minimum 100 pieces
- ▶ Scrub brushes – 4-5 pieces
- ▶ Disposable drapes, 100 pieces, one per dog and washed daily (can be replaced with cloth drapes)
- ▶ Surgical gloves – 100 pieces (plus 10 extra)
- ▶ Surgical blades – 100 pieces
- ▶ Sutures
 - Chromic catgut – 40 metres
 - Vicryl/Safil (synthetic absorbable) – 50 metres (if used for intradermal sutures, or 30 m without)
 - Nylon – 40 metres (for skin sutures, but needs to be removed)
- ▶ Suture needles – 10-20 pieces (if needles not sewed on to sutures)
- ▶ IV infusion set – 25 pieces (can be re-used if using the same bottle; ideally changed daily)

- ▶ IV catheters – 100 pieces (plus 20 extra)
- ▶ Autoclave tape/indicators – 1 roll
- ▶ Autoclave envelopes – 100 pieces or 30 metres (can be replaced with cloth), one per spay set (can be reused)
- ▶ Surgical tapes – 30 metres

Drugs/medicine

- ▶ For surgery
 - Premed
 - Anaesthesia
 - Antibiotics
 - Analgesic
- ▶ For prep
 - Chlorhexidane solution – 1.5 litres
 - Alcohol – 5 litres
 - Tincture iodine – 0.5 litre
- ▶ Others
 - Eye ointment – 5 tubes
 - IV drip (lactated ringers or normal saline) – 25 litres

Items for cleaning up

- ▶ Basin – 2-3
- ▶ Brush – 2
- ▶ Detergent – 1 bottle
- ▶ Towels
- ▶ Broom/mop and bucket

For identification of dogs – there are a number of alternatives

- ▶ For collaring – 100 collars
- ▶ For tattoo – tattoo equipment with ink
- ▶ For ear notching – curved haemostats, cauteriser, 100 blades
- ▶ For microchipping – 100 microchips, scanner, 100 alcohol swabs