

## Instruments and Expendable Supplies Needed to Provide Long-Acting and Permanent Methods of Contraception

### Instruments

Hormonal Implant	Intrauterine Device (IUD)	Female Sterilization (via Minilaparotomy)	No-Scalpel Vasectomy (NSV)
<p><b>Insertion</b> (<i>Jadelle</i><sup>®</sup>, <i>Sino-Implant II</i><sup>®</sup>)</p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge-holding, straight, 5.5 inches (14 cm)</li> <li>(1) Scalpel, handle, #3, graduated in cm</li> <li>(1) Trocar (#10)</li> </ul>	<p><b>Insertion</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Schroeder-Braun uterine tenaculum, 9.75 inches (24.8 cm)</li> <li>(1) Forceps, Rampley, sponge, Foerster, straight, 9.5 inches (24.1 cm)</li> <li>(1) Sound, uterine, Sims, 13 inches (33 cm)</li> <li>(1) Scissors, operating, Mayo, curved, 6.75 inches (17.1 cm)</li> <li>(1) Speculum, vaginal, Graves, medium (1.38 inches [3.5 cm] x 4 inches [10.2 cm])</li> </ul> <p><b>Removal</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge, Foerster, straight, 9.5 inches (24.1 cm)</li> <li>(1) Speculum, vaginal, Graves, medium (1.38 inches [3.5 cm] x 4 inches [10.2 cm])</li> <li>(1) Forceps, Bozeman uterine dressing, straight, 10.5 inches (26.7 cm)</li> <li>(1) IUD removal forceps, alligator jaw, 8 inches*</li> <li>(1) IUD string retriever*</li> </ul>	<p><b>Abdominal Instruments</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge, Foerster, straight, 9.5 inches (24.1 cm)</li> <li>(1) Forceps, dressing, standard pattern, 5 inches (12.7 cm)</li> <li>(1) Forceps, tissue, delicate pattern, 5.5 inches (14 cm)</li> <li>(2) Forceps, artery, Kelly, straight, 5.5 inches (14 cm)</li> <li>(2) Forceps, intestinal, Allis, delicate, (5x6 teeth) 6 inches (15.2 cm)</li> <li>(2) Forceps, intestinal, baby Babcock, 5.5 inches (14 cm)</li> <li>(1) Needle holder, Mayo Hegar, 7 inches (17.8 cm)</li> <li>(2) Richardson-Eastman retractor, small <b>or</b> (1) Army-Navy retractor (2-pc.set), double-ended</li> <li>(1) Scissors, tonsil, Metzenbaum, curved, 7 inches (17.8 cm)</li> <li>(1) Scissors, Operating, Mayo, Curved, 6.75 inches (17.1 cm)</li> <li>(1) Scalpel, handle, #3, graduated in cm</li> <li>(1) Hook, tubal, Ramathibodi</li> </ul> <p><b>Vaginal instruments</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge, Foerster, curved, 9.5 inches (24.1 cm)</li> <li>(1) Speculum, vaginal, Graves, medium (1.38 inches [3.5 cm] x 4 inches [10.2 cm]) or (1) Jackson vaginal retractor (deep blade) 1.5 inches (3.8 cm) x 3 inches (7.6 cm)</li> <li>(1) Forceps, Schroeder-Braun uterine tenaculum, 9.75 inches (24.8 cm)</li> <li>(1) Elevator, uterine, Ramathibodi</li> </ul>	<ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge-holding, straight, 5.5 inches (14 cm)</li> <li>(1) Scissors, operating, Mayo, straight, 5.5 inches (14 cm)</li> <li>(1) NSV ringed clamp (forceps), 4 mm</li> <li>(1) NSV dissecting forceps</li> </ul>
<p><b>Insertion</b> (<i>Implanon</i><sup>®</sup>)</p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge-holding, straight, 5.5 inches (14 cm)</li> </ul>			
<p><b>Removal</b> (<i>Implanon</i><sup>®</sup>, <i>Jadelle</i><sup>®</sup>, <i>Sino-Implant II</i><sup>®</sup>)</p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, Rampley, sponge-holding, straight, 5.5 inches (14 cm)</li> <li>(1) Scalpel, handle, #3, graduated in cm</li> <li>(1) Forceps, mosquito, straight, 5 inches (12.7 cm)</li> <li>(1) Forceps, mosquito, curved, 5 inches (12.7 cm)</li> </ul>			

\* The alligator IUD removal forceps and IUD string retriever are needed only on rare occasions, when the IUD strings are not visible and the IUD cannot be removed by the Bozeman forceps alone.

## Expendable Supplies

### Hormonal Implant

- The implant (Implanon<sup>®</sup>, Jadelle<sup>®</sup> or Sino-implant II<sup>®</sup>)
- Alcohol-based handrub or soap and water (for hand hygiene)
- Small towel (for hand drying if soap and water were used)
- Sterile gloves
- Iodine (as an antiseptic)
- Sterile gauze sponges
- Local anesthetic such as lidocaine, (without epinephrine, 1% or 2%)
- Distilled water to dilute lidocaine (if 2% lidocaine is used)
- 5 ml syringe with 1.5 inch and 21 gauge needle
- Scalpel blade
- Band-aid
- Arm bandage (to apply pressure to the incision)
- Sterile small drape (to rest the client's arm on)
- Sterile fenestrated drape
- Drapes (for packing instruments)
- Decontamination solution
- Safety box

### Intrauterine Device (IUD)

- The IUD (TCu 380A or Multiload or LNG-IUS)
- Alcohol-based handrub or soap and water (for hand hygiene)
- Small towel (for hand drying if soap and water were used)
- Exam gloves
- Iodine (as an antiseptic)
- Sterile gauze sponges
- Drapes (to cover client's thighs, pubic area and to put underneath her buttocks)
- Drapes (for packing instruments)
- Decontamination solution
- Sanitary pad

### Female Sterilization (via Minilaparotomy)

#### Surgical Procedure Supplies

- Scalpel blade
- Absorbable suture (on an atraumatic needle)

#### Pain management supplies

- Local anesthetic such as lidocaine, (without epinephrine, 1% or 2%)
- Distilled water to dilute lidocaine (if 2% is used)
- 10–20 ml syringe with a 1.5 inch and 21 gauge needle

#### Pain management drugs:

- Premedication such as *Atropine*
- Sedatives such as *Diazepam* or *Midazolam* or *Promethazine*
- Analgesics such as *Diclofenac* or *Ibuprofen*
- Narcotic analgesics such as *Fentanyl* or *Pentazocine* or *Meperidine (Pethidine)* or *Nalbuphine*
- Non-narcotic analgesic (dissociative analgesia anesthesia) such as *Ketamine*

#### Infection Prevention\* Supplies

- Soap and water and alcohol-based handrub **OR** antiseptic and water
- Small sterile towel (for hand drying after surgical scrub)
- Sterile gloves
- Iodine (as an antiseptic)
- Sterile gauze sponges
- Surgical adhesive tape
- Sterile surgical drapes
- Sterile surgeon's and surgeon's assistant's gowns
- Cap and face mask
- Client's gown
- Drape to cover surgical cushion table
- Drapes (for packing instruments)
- Decontamination solution
- Safety box

### No-Scalpel Vasectomy (NSV)

- Soap and water and alcohol-based handrub **OR** antiseptic and water
- Small sterile towel (for hand drying after surgical scrub)
- Sterile gloves
- Adhesive tape (for positioning the penis)
- Sterile fenestrated drape
- Iodine (as an antiseptic)
- Sterile gauze sponges
- Local anesthetic such as lidocaine (without epinephrine, 1% or 2%)
- Distilled water to dilute lidocaine (if 2% lidocaine is used)
- 10 ml syringe with 1.5 inch and 25 or 27 gauge needle
- Chromic catgut or nonabsorbable silk or cotton suture (for ligation) or cautery unit (if sutures are not used)
- Band-aid or adhesive tape
- Scrotal support (optional)
- Sterile surgical drapes
- Sterile surgeon's gown
- Cap and face mask
- Client's gown
- Drape to cover surgical cushion table
- Drapes (for packing instruments)
- Decontamination solution
- Safety box

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Information drawn from EngenderHealth clinical staff and *Surgical Instruments Catalogue* (Miltex Instruments Company).



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\* For more information, see: EngenderHealth. 2011. *Infection prevention: A reference booklet for health care providers*, 2nd edition. New York.