

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

### Medical Instruments

Hormonal Implant	Intrauterine Device (IUD)	Female Sterilization (via Minilaparotomy)	No-Scalpel Vasectomy (NSV)
<p><b>Insertion (Jadelle<sup>®</sup>, Sino-Implant II<sup>®</sup>)</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm)</li> <li>(1) Forceps, mosquito, delicate, curved, 5 inches (12.7 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, 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>Abdominal Instruments</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, 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>	<ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm)</li> <li>(1) Needle holder, Mayo Hegar, 7 inches (17.8 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 (Implanon<sup>®</sup>)</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps sponge-holding, straight, 5.5 inches (14 cm)</li> </ul>	<p><b>Removal</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, 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>Vaginal instruments</b></p> <ul style="list-style-type: none"> <li>(1) Cup/bowl/gallipot</li> <li>(1) Forceps, sponge, Foerster, curved, 9.5 inches (24.1 cm)</li> <li>(1) Jackson vaginal retractor (deep blade) 1.5 inches (3.8 cm) x 3 inches (7.6 cm) <b>or</b> (1) Speculum, vaginal, Graves, medium (1.38 inches [3.5 cm] x 4 inches [10.2 cm])</li> <li>(1) Forceps, Schroeder-Braun uterine tenaculum, 9.75 inches (24.8 cm)</li> <li>(1) Elevator, uterine, Ramathibodi</li> </ul>	
	<p>* 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.</p>		

## Expendable Medical Supplies

### Hormonal Implant

- The implant (Implanon<sup>®</sup>, Jadelle<sup>®</sup> or Sino-implant II<sup>®</sup>)
- Soap and water or antiseptic agents (for hand hygiene)
- 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 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)
- Bleach (to prepare decontamination solution)
- Safety box

### Intrauterine Device (IUD)

- The IUD (TCu 380A or Multiload or LNG-IUS)
- Soap and water or antiseptic agents (for hand hygiene)
- Small towel (for hand drying after hand hygiene)
- 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)
- Bleach (to prepare decontamination solution)
- Sanitary pad

### Female Sterilization (via Minilaparotomy)

- Soap and water or antiseptic agents (for the surgical scrub)
- Small sterile towel (for hand drying after surgical scrub)
- Alcohol-based handrub (recommended if plain soap is used for the surgical scrub)
- 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)
- 10–20 ml syringe with 1.5 inch or 27- gauge needle Scalpel blade
- Absorbable suture (on an atraumatic needle)
- Surgical adhesive tape
- Sterile surgical drapes
- Sterile surgeon's and surgeon's assistant gowns
- Cap and face mask
- Client's gown
- Drape to cover surgical cushion table
- Drapes (for packing instruments)
- Bleach (to prepare decontamination solution)
- Safety box

#### 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 anesthetic (dissociative analgesia/anesthesia) such as *Ketamine*

### No-Scalpel Vasectomy (NSV)

- Soap and water or antiseptic agents (for the surgical scrub)
- Small sterile towel (for hand drying after surgical scrub)
- Alcohol-based handrub (recommended if plain soap is used for the 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 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)
- Bleach (to prepare decontamination solution)
- Safety box

Written by: Levent Cagatay, MD; Carmela Cordero, MD; and Roy Jacobstein, MD, MPH.

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

