Exploring opportunities to address equipment and consumables shortages in reproductive health service provision

IAP Partners, Facilitated by Megan Christofield (Jhpiego)
20th March 2018
Session Objective

To gather insights that inform how we might better address equipment and consumables shortages in reproductive health service provision.
Problem Statement

In some settings, consumable medical supplies and medical equipment necessary to provide reproductive health services are unavailable at the point of service and/or prohibitively expensive for clients to purchase. As a result, the quality and safety of services is compromised, or in some cases, avoided altogether.
Percent of LARC-Providing Facilities with Critical Implant Removal Equipment and Consumables at Baseline, 2016

- Curved mosquito forceps
- Straight mosquito forceps
- Needle
- Syringe
- Scalpel (Surgical blade)
- Sterile gloves
- Anesthetic (Lidocaine without epinephrine)
- Antiseptic (Povidone iodine)
- All of the critical implant removal supplies

Data collected from a health facility assessment under the Implant Removal Best Practices Project, implemented by Jhpiego
Reasons for Referring Implant Removal Clients at 80 Project-Supported Facilities in Kenya, 2016-2017 (n=185 referrals)

- Equipment not available: 48%
- Equipment not processed: 26%
- Implant too deep: 16%
- Implant not palpable: 3%
- No skilled provider available: 4%
- Tried to remove and failed: 3%

Data collected from implant removal logs instituted under the Implant Removal Best Practices Project, implemented by Jhpiego
Percent of Family Planning and Maternity-Providing Facilities with Necessary FP Consumables at Baseline, 2017, Kenya (n=52)

Surgical Blade 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%
Elastoplast 70% 70% 70% 70% 70% 70% 70% 70% 70% 70%
Provodine 80% 80% 80% 80% 80% 80% 80% 80% 80% 80%
1% Lidocaine 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Iodine 60% 60% 60% 60% 60% 60% 60% 60% 60% 60%
Gauze Swabs 80% 80% 80% 80% 80% 80% 80% 80% 80% 80%
Cotton Swabs 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Disposable Syringes & Needles 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Sterile Gloves 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Exam Gloves 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Emergency Kit 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Bin Liners 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Waste Bin 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Chlorine Bleach 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%
Sharps Container 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%

Data collected from a health facility assessment under the PPFP Choices Implementation Research Study, implemented by Jhpiego
Percent of Family Planning and Maternity-Providing Facilities with FP Commodities and Necessary Instruments at Baseline, 2017, Kenya (n=52)

Data collected from a health facility assessment under the PPFP Choices Implementation Research Study, implemented by Jhpiego
Interactive Activity: Instructions

Write your answers to the questions below on the appropriately colored sticky notes. Write one answer per sticky note, but feel free to provide as many answers as you can think of!

What works well for ensuring supplies and consumables are available at the point of service?

What opportunities exist for addressing the problem of consumable and equipment availability?

Why are equipment and consumables so often unavailable at the time of service?
Interactive Activity: Instructions (cont.)

Every sticky note you’ve created is an insight!

Group sticky notes by the insight they raise.

- Don’t worry about the color at this point - what was a thorn (green) to some people, might be an opportunity (pink) or best practice (red) to another (and vice versa)!
DISCUSSION
Resources Available
Procurable Consumables Kit for Contraceptive Implant Insertion and Removal

UNFPA Product Catalog: Register or log-in for full product details

Note: Products are subject to availability. Prices are indicative. Actual prices may vary, depending on individual suppliers, freight, etc.

Reproductive Health Supplies
  - Contraceptives
  - Diagnostic Test Kits
  - Emergency RH, Dignity & Other kits
    - Dignity Kits
    - Medical Kits
    - Reproductive Health Kits
  - Medical Devices
  - Pharmaceuticals

> Emergency RH, Dignity & Other kits > Medical Kits > IMPLANT_CONSUM.KIT

Consumable kit for contraceptive implants insertion/removal

Description (Fr):
Kit de consommables pour pose/retrait d'implants contraceptifs

Description (Es):
Kit para colocación o extracción implantes anticonceptivos

Description (En):
Consumable kit contents for 25 insertion/removal procedures:
1. PH1 - Povidone iodine solution 10%, 500 ml bottle USP or BP or equivalent [UOM: Bottle [Qty: 1]
2. MD137 - Cotton wool, 500g, roll, non-sterile [UOM: Roll [Qty: 1]
3. MD50 - Gloves, surgical, size 7, powder-free, sterile, single use pair [UOM: Pair [Qty: 15]

Price Information
UNFPA Price:
$ 25.50 per Kit

Update Information
Updated On:
2016-05-10 12:01:43.0
List of Furniture, Equipment, Instruments, and Consumables Necessary for LARC/PM Provision

Basic Furniture, Equipment, Instruments, and Expendable Supplies Needed to Provide Long-Acting Reversible and Permanent Methods of Contraception

### Instruments

<table>
<thead>
<tr>
<th>Hormonal Implant</th>
<th>Intrauterine Device (IUD)</th>
<th>Female Sterilization (via Minilaparotomy)</th>
<th>No-Scalpel Vasectomy (NSV)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Insertion</strong> (Jadelle®, Sino-Implant II or Levoplant, Implanon®, Nexplanon®)</td>
<td><strong>Interval Insertion</strong></td>
<td><strong>Abdominal Instruments</strong></td>
<td><strong>(1) Cup/bowl/gallipot</strong></td>
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<tr>
<td>(1) Cup/bowl/gallipot</td>
<td>(1) Cup/bowl/gallipot</td>
<td>(1) Cup/bowl/gallipot</td>
<td>(1) Cup/bowl/gallipot</td>
</tr>
<tr>
<td>Optional</td>
<td>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm) for cleaning</td>
<td>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm)</td>
<td>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm)</td>
</tr>
<tr>
<td>(1) Forceps, sponge-holding, straight, 5.5 inches (14 cm)</td>
<td>(1) Sound, uterine, Sims, 13 inches (33 cm)</td>
<td>(1) Forceps, dressing, standard pattern, 5 inches (12.7 cm)</td>
<td>(1) Scissors, Suture, Mayo-Clinic OR Littauer, curved, 6.75 inches (17.1 cm)</td>
</tr>
<tr>
<td>(1) Scissors, Suture, Mayo-Clinic OR Littauer, curved, 6.75 inches (17.1 cm)</td>
<td>(1) Speculum, vaginal, Graves, medium (1.38 inches [3.5 cm] x 4 inches [10.2 cm])</td>
<td>(1) Forceps, tissue, delicate pattern, 5.5 inches (14 cm)</td>
<td>(1) Scissors, Suture, Mayo-Clinic OR Littauer straight, 5.5 inches (14 cm)</td>
</tr>
<tr>
<td>Additional instrument for difficult implants removal</td>
<td></td>
<td>(2) Forceps, artery, Kelly, straight, 5.5 inches (14 cm)</td>
<td>(1) NSV ringed clamp (forceps), 4 mm</td>
</tr>
<tr>
<td>This is deeply inserted implants and non-palpable implants using modified design</td>
<td></td>
<td>(2) Forceps, intestinal, Allis, delicate, (5x8 teeth) 6 inches (15.2 cm)</td>
<td>(1) NSV dissecting forceps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2) Forceps, intestinal, baby Babcock, 5.5 inches (14 cm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1) Needle holder, Mayo Hegar, 7</td>
<td></td>
</tr>
</tbody>
</table>

https://www.k4health.org/toolkits/implants/basic-furniture-equipment-instruments-and-expendable-supplies-needed-provide-long-acting-reversible