

SCMS Male Circumcision Core List

Male Circumcision Kit Options 1, 2 & 3

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Providing quality medicines for people
living with and affected by HIV and AIDS



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Introduction

The PEPFAR Male Circumcision Technical Working Group (MC TWG) assigned SCMS the task of leading the procurement and supply chain management of MC kits and supplementary commodities. Kit components and supplementary commodities have been agreed upon by consensus among the MC TWG partners, thus allowing SCMS to apply economies of scale to negotiate the lowest prices possible while maintaining the highest quality of the product for the MC program.

The MC TWG's report from the PEPFAR Male Circumcision Partners' Meeting on Commodities and Improved Coordination of Male Circumcision for HIV Prevention provides a wealth of information on the subject and lists all commodities contained in each kit, as well as other commodities that are needed. This report can be viewed and downloaded from the SCMS E-Catalog. http://scms.pfscm.org/scms/docs/papers/MCTWG_report.pdf

The PEPFAR MC TWG has agreed on the following MC kit options:

KIT OPTION 1: Reusable MC Kit for forceps-guided procedure

KIT OPTION 2: Reusable MC Kit for sleeve resection and dorsal slit procedures

KIT OPTION 3: Fully Disposable MC Kit for forceps-guided procedure

SCMS has procured the Kit Option 3 for several months. SCMS begins procurement of Kit Options 1 and 2 in late March 2011.

In addition to MC kits, the PEPFAR MC TWG developed several lists of additional products that may be needed by MC programs. They were grouped under the following categories:

- Essential products
- MC Supplementary Modules:
 - Module 1. Infection Control and Prevention
 - Module 2. Equipment
 - Module 3. Emergency Supplies

Detailed description for each MC Kit, essential products and modules are provided in the following sections. If you have any questions concerning the MC program, products or procurement please contact Juan Jaramillo, Program Manager, at jjaramillo@pfscm.org.

Note about ordering kits. It is important to emphasize that MC kits are custom-designed specifically for this program. Items from any kit option or the supplementary modules cannot be removed, supplemented or substituted. The current lead time for any MC Kit is 3 months for manufacturing, plus 4 weeks for air shipment and 8–10 weeks for ocean shipment. These lead times are dictated by the manufacturer and are subject to change. SCMS will advise clients with a best estimate for a delivery date shortly after an order is entered into the system.

Male Circumcision Kit Options

MC KIT OPTION 1: Reusable Kit for Forceps-Guided Procedure

The Reusable MC Kit for forceps-guided procedure includes a set of surgical instruments sufficient for one MC procedure plus a standard consumable pack, all in one sterilized package. In addition, pharmaceuticals from a standard list are also available for purchase separately, as such products fall under a different set of packaging, shipping and regulatory requirements. If additional items are needed, these may be procured separately through SCMS using our procurement process.

Surgical instruments included in this kit are listed in Table 1. The kit is wrapped in surgical crepe paper (60x60 cm) and is sterilized by ethylene oxide (ETO) in a 0.3 μ sterilization indicator bag. Expiration date is indicated on the sterilization bag. In addition to surgical components, a pack of consumables to be used with this kit is detailed in Table 2. One consumables pack is needed per MC patient.

Please Note: The kit should have either the Combination Needle Holder/Scissor (Table 1, Item 2.a), or the Needle Holder and Scissors as two separate instruments (Table 1, Item 2.b). Only one of these two options will be included in the kit. The decision on which option to include is dictated by availability of these products in the marketplace.

Table 1. Surgical Instrument Pack for MC Kit Option 1 (SCMS ID CODE 107413)

	Product	Description	Qty
1	Autoclave Storage Box	Estimated size approximately: 5"W x 10"L x 2"H	1
2.a.	Combination Needle-Holder/Suture Scissors	Combination Needle-Holder/Suture Scissors: Total Length 13-15 cm, Working Surface approximately 20mm	1
2.b.	OR Needle Holder / Driver, AND Suture Scissor	Total Length 12-14 cm, Working Surface 20mm Total Length 12-15 cm	1 1
3	Toothed Tissue Forceps	AKA "pick-ups," "Dissection Forceps": Total Length 13 cm, working surface 15 mm serrated	1
4	Mosquito Clamp Straight	Aka "Snaps", "Mosquito Forceps," "Hemostatic Forceps": Total length 12-14 cm, Working Surface 20-30 mm	4
5	Mosquito Clamp Curve	Aka "Snaps", "Mosquito Forceps", "Hemostatic Forceps": Total length 12-14 cm, Working Surface 20-30 mm	1
6	Forceps Hemostatic Cross Clamp	Total Length 20cm, Working Surface 64 mm	1

Table 2. Consumables Pack for Reusable MC Kits (SCMS ID CODE 107416)

	Product	Description	Qty
1	Multipurpose Container Tray	Stable Plastic Recycle Tray to conduct procedure, minimum 700 micron virgin plastic, with 3 Compartments (Compartment 1 = 13X26, Compartment 2 = 5X8, Compartment 3 = 5X5, Compartment 4 = 5X13 and the total size of the Tray is 26X18).	1
2	O-Drape	Disposable 100 cm X 75 cm (One side absorbable and one side impermeable. The two different sides are fused together and not lint applied.)	1
3	Scalpel Blade w/Handle	Disposable, retractable and lockable; Blade Type 23; Total Length 11 cm	1
4	Gauze, Plain	Gauze Swabs 100X100mm (12ply)	20
5	Gauze, Petroleum Jelly Impregnated	Paranet Gauze 10cmX10cm (1 ply)	1
6	Syringe	Syringe 10 ml	1
7	Injection Needles	One each of 21g and 23g, 1.5 inch	2
8	Suture, 3/0 Braided/Absorbable	Polyglycolic acid suture, 75 cm, on Reverse Cutting Needle 26 mm	2
9	Surgical Gloves	Sterile, one each of size 8 and 7 1/2	2
10	Apron, Disposable	Plastic, trash bag quality	2
11	Alcohol Swabs	1 1/4" x 2 1/2", Isopropyl Alcohol 70%	2
12	Surgical Paper Tape	Micropore 12 mm, 1-3 meter in Length	1
13	Sterile Prep Gloves	Examination glove large	1

MC KIT OPTION 2: Reusable Kit for Sleeve or Dorsal Slit Procedure

The Reusable MC Kit for sleeve resection and dorsal slit procedures includes a set of surgical instruments sufficient for one MC procedure plus a standard consumable pack, all in one sterilized package. In addition, pharmaceuticals from a standard list are also available for purchase separately, as such products fall under a different set of packaging, shipping and regulatory requirements. If additional items are needed, these may be procured separately through SCMS using our procurement process.

Surgical instruments included in this kit are listed in Table 3. The kit is wrapped in surgical crepe paper (60x60 cm) and is sterilized by ethylene oxide (ETO) in a 0.3µ sterilization indicator bag. Expiration date is indicated on the sterilization bag. In addition to surgical instruments, a pack of consumables required to be used with this kit is detailed in Table 4. One consumables pack is needed per MC patient.

Please Note: The kit should have either the Combination Needle Holder/Scissor (Table 3, Item 3.a), or the Needle Holder and Scissors as two separate instruments (Table 3, Item 3.b). Only one of these two options will be included in the kit. The decision on which option to include is dictated by availability of these products in the marketplace.

Table 3. Surgical Instrument Pack for MC Kit Option 2 (SCMS ID CODE 107414)

	Product	Description	Qty
1	Autoclave Storage Box	Estimated dimensions approximately: 5"W x 10"L x 2"H	1
2	Dissection Dissecting Scissors	Total Length 13-15 cm	1
3.a.	Combination Needle-Holder/Suture Scissors	Total Length 13-15 cm, Working Surface approximately 20mm	1
	OR		
3.b.	Needle-Holder / Driver, AND Suture Scissor	Total Length 12-14 cm, Working Surface 20mm Total Length 12-15 cm	1 1
4	Toothed Tissue Forceps	Aka "pick-ups," "Dissection Forceps": Total Length 13 cm, working surface 15 mm serrated	1
5	Mosquito Clamp Straight	Aka "Snaps", "Mosquito Forceps," "Hemostatic Forceps": Total length 12-14 cm	4
6	Mosquito Clamp Curve	Aka "Snaps", "Mosquito Forceps," "Hemostatic Forceps": Total length 12-14 cm, Working Surface 20-30 mm	1
7	Haemostatic Clamps	Aka "Artery Forceps" (for Dorsal Slit MC: Total Length 13-15 cm, Working Surface 40 mm	2

Table 4. Consumables Pack for Reusable MC Kits (SCMS ID CODE 107416)

	Product	Description	Qty
1	Multipurpose Container Tray	Stable Plastic Recycle Tray to conduct procedure, minimum 700 micron virgin plastic, with 3 Compartments (Compartment 1 = 13X26, Compartment 2 = 5X8, Compartment 3 = 5X5, Compartment 4 = 5X13 and the total size of the Tray is 26X18).	1
2	O-Drape	Disposable 100 cm X 75 cm (One side absorbable and one side impermeable. The two different sides are fused together and not lint applied.)	1
3	Scalpel Blade w/Handle	Disposable, retractable and lockable; Blade Type 23; Total Length 11 cm	1
4	Gauze, Plain	Gauze Swabs 100X100mm (12ply)	20
5	Gauze, Petroleum Jelly Impregnated	Paranet Gauze 10cmX10cm (1 ply)	1
6	Syringe	Syringe 10 ml	1
7	Injection Needles	One each of 21g and 23g, 1.5 inch	2
8	Suture, 3/0 Braided/Absorbable	Polyglycolic acid suture, 75 cm, on Reverse Cutting Needle 26 mm	2
9	Surgical Gloves	Sterile, one each of size 8 and 71/2	2
10	Apron, Disposable	Plastic, trash bag quality	2
11	Alcohol Swabs	1 1/4" x 2 1/2", Isopropyl Alcohol 70%	2
12	Surgical Paper Tape	Micropore 12 mm, 1-3 meter in Length	1
13	Sterile Prep Gloves	Examination glove large	1

MC KIT OPTION 3: Fully Disposable MC Kit for Forceps-Guided Procedure

The Fully Disposable MC Kit includes a set of surgical instruments sufficient for one MC procedure plus a standard consumable pack, all in one sterilized package. In addition, pharmaceuticals from a standard list are also available for purchase separately, as such products fall under a different set of packaging, shipping and regulatory requirements. If additional items are needed, these may be procured separately through SCMS using our procurement process.

Components of this kit are listed in Table 5. The kit is wrapped in surgical crepe paper (60x60 cm) and is sterilized by ethylene oxide (ETO) in a 0.3 μ sterilization indicator bag. Expiration date is indicated on the sterilization bag.

Please Note: The kit should have either the Combination Needle Holder/Scissor (Table 5, Item 1.a), or the Needle Holder and Scissors as two separate instruments (Table 5, Item 1.b). Only one of these two options will be included in the kit. The decision on which option to include is dictated by availability of these products in the marketplace.

Table 5. Components of Disposable MC Kit Option 3 for Forceps-Guided Procedure (SCMS ID CODE 107415)

	Product	Description	Qty
1.a	Combination Needle Holder and Scissor	Combination Disposable Needle Holder/Suture Scissors: Total length 13-15 cm, Working Surface approximately 20 mm	1
	OR		
1.b	Needle Holder	Disposable, Total Length 12-14 cm, Working Surface 20mm	1
	AND		
	Suture Scissor	Disposable, Total Length 12-15 cm	1
2	Non-Toothed Plastic Forceps	Aka "Pick-ups," "Dissection Forceps:" Total length 13 cm, Working Surface 15 mm Serrated	1
3	Mosquito Clamp Straight	Aka "Mosquito Forceps," "Hemostatic Forceps," Disposable. Total length 12-14 cm, Working Surface 30 mm	1
4	Mosquito Clamp Curve	Aka "Mosquito Forceps," "Hemostatic Forceps," Disposable. Total length 12-14 cm, Working Surface 30 mm	1
5	Disposable Scalpel and Handle	Retractable and lockable. Blade Type 23, Total Length 11 cm	1
6	Circumcision Forceps Hemostatic	Disposable Cross Clamp. Total Length 20 cm, Working Surface 64 mm	1
7	Multipurpose Container Tray	Stable Plastic Recycle Tray to conduct procedure, minimum 700 micron virgin plastic, with 3 Compartments. (Compartment 1 = 13X26, Compartment 2 = 5X8, Compartment 3 = 5X5, Compartment 4 = 5X13 and the total size of the Tray is 26X18)	1
8	O-Drape	Disposable, 100 cm X 75 cm (One side absorbable and one side impermeable. The two different sides are fused together and not lint)	1
9	Gauze, Plain	Gauze Swabs 100X100mm (12ply)	20
10	Gauze, Petroleum Jelly Impregnated	Paranet Gauze 10cmX10cm (1 Ply)	1
11	Syringe	Syringe 10 ml	1
12	Injection Needles	One each of 21g and 23g, 1.5 inch	2
13	Suture, 3/0 Braided/Absorbable	Polyglycolic acid suture, 75 cm, on Reverse Cutting Needle 26 mm	2
14	Surgical Gloves	One each of size 8 and 7 1/2	2
15	Apron, Disposable	Plastic, trash bag quality	2
16	Alcohol Swabs	1 1/4" x 2 1/2", Isopropyl Alcohol 70%	2
17	Surgical Tape	Micropore 12 mm, 1-3 meter in length	1
18	Sterile Prep Gloves	Examination glove large	1

Additional Products for MC Programs

The PEPFAR MC TWG has also recognized the need for additional commodities to support MC programs. These were grouped into:

- Additional products (Table 6)
- Essential products (Table 7)
- MC Supplementary Modules:
 - Module 1. Infection Control and Prevention (Table 8)
 - Module 2. Equipment (Table 9)
 - Module 3. Emergency Supplies (Table 10)

Table 6 below is a guide to help clients determine what additional products they may need for their specific programs. Please note that these products should be selected individually, with the exception of Consumable Packs, which are needed for all reusable kits.

Table 6. Additional MC Product Selection Guide

Product	Reusable Kit Option 1	Reusable Kit Option 2	Disposable Kit Option 3	Comments
Consumable Packs SCMS ID Code 107416	Yes	Yes	Included	These are available as bundled packs (Tables 2 or 4, SCMS ID CODE 107416)
Additional Essential Products	As Needed	As Needed	As Needed	Clients may choose any or all of these products at the quantities they desire (Table 7)
Infection Prevention Products (Module 1, Table 8)	As Needed	As Needed	As Needed	These products are listed with estimated quantities needed per site (not per MC procedure). Clients may choose from these lists any items they may need, depending on the site where MC will be performed. For example, a regional hospital may already have many of these products. However, a mobile, temporary or remote site may need many of these products.
Equipment (Module 2, Table 9)	As Needed	As Needed	As Needed	
Emergency Supplies (Module 3, Table 10)	As Needed	As Needed	As Needed	

Essential Products (purchased separately in bulk)

The following items must be purchased individually. For guidance on the quantities needed per item, please refer to the MC TWG Final Report, page 35, which can be downloaded from the MC section of the SCMS E-Catalog.

Please note: SCMS will determine if the pharmaceutical product on this list meets the regulatory and/or importation requirements of the country of importation/consumption. For larger procurements, SCMS may be able to supply smaller units of measurement for pharmaceuticals on this list (such as packaging per ampoule, iodine per 100ml). For smaller procurements, SCMS will not be in the position to supply re-packed smaller unit of measurement.

Table 7. Additional Essential Products for the Disposable MC Kit

SCMS ID Number	Product	Description
990210*	Diathermy/Cautery Tips	Diathermy/electrocautery tips--AKA "electrodes." Blade-type configuration. Disposable.
106347	Lidocaine	Lidocaine HCl 1%, injection, 20ml, 10 vials
	OR	
107644	Lidocaine	Lidocaine HCl 1%, injection, 20ml, 1 vial
107484	Bupivacaine	Bupivacaine HCl 0.5%, injection, 20ml, 10 vials
	OR	
107475	Bupivacaine	Bupivacaine HCl 0.5%, injection, 10ml, 20 vials
107158	Paracetamol	Paracetamol 500mg, tablets, 100 tablets, 10x10 blister
	OR	
105819	Paracetamol	Paracetamol 500mg, tablets, 1000 tablets, 10x100 blister
108047	Iodine	Povidone iodine 10% solution, bottle of 200 ml
	OR	
107477	Iodine	Povidone iodine 10% solution, bottle of 100 ml
105895	Compression Bandage	Bandage, Self-Adherent Wrap, 5y x 2in x 36 Rolls
104122	Sterile Gauze	Gauze, Sponge, Sterile, 8-ply, 4 X 4 in, 50 pcs
107465	Suture - braided/absorbable	Suture, 75cm, Absorbable, Coated, Braided Undyed, 3/0, 26mm, 3/8 Circle Reverse Cutting Needle, 12 Pcs
106759	Sterile Surgical Gloves	Gloves, Sterile Surgical, Latex, Powdered, Size 7, 50 Pair
102444	Sterile Surgical Gloves	Gloves, Sterile Surgical, Latex, Powdered, Size 7.5, 50 Pair
102273	Sterile Surgical Gloves	Gloves, Sterile Surgical, Latex, Powdered, Size 8, 50 Pair
106758	Sterile Surgical Gloves	Gloves, Sterile Surgical, Latex, Powdered, Size 8.5, 50 Pair

* This product requires specifications. Please ask for this product by name and provide exact specifications.

MC Supplementary Modules

Clients may select items from the following modules based on their specific needs. Although many of these items may already be available at some facilities (e.g. major hospitals or health centers), they may be needed in other locations (e.g. remote or outreach sites) or may not be available in the quantities required for a major MC program. Commodities listed in these modules include quantification guidance to help sites calculate proper quantities to order and forecast accurately for future orders to avoid potential stockouts.

Products listed under these modules are not bundled, i.e. they are not packaged as kits. Clients may pick and choose only items they will need. The quantities mentioned in the product description column are provided to help clients in quantification exercises (refer to the MC TWG Final Report, starting on page 42, which can be downloaded from the MC section of the SCMS E-Catalog).

These quantities are listed as “per site” and not “per MC procedure”. Please note that some of the items listed (such as oxygen tanks) may be best procured locally.

Table 8. Module 1: Infection Prevention Supplies

SCMS ID Number	Product	Product Specifications
107107	Surgical Mask	Mask, Surgical, Protective 3-Layer Construction, w/Ties, 50 Pcs
107106	Surgical Cap	Protective Surgical Cap, Blue, Universal Size, 100 Pcs
103325	Biohazard Trash Bag, Small	Bag, Biohazard, 19 x 23in, Autoclave, Red, Printed, 200 Pcs
102626	Biohazard Trash Bag, Large	Bag, Biohazard, 37 x 48in, Autoclave, Red, Printed, 2mil, 100 Pcs
104097	Plastic Bin, Small	Container, Utility, 10 Gallon, Each
107387	Buckets for instrument disinfection and soaking	Bucket, Stainless Steel, 10L
107389	Instrument Brush	Brush, Cleaning, 36cm Twisted Wire, 1.2 x 5cm Nylon Bristles, Each
107388	Surgeon Nail Scrub Brush	Hand Scrub Brush, Surgeons, Each
107390	Protective Eyewear	Goggles, Safety, Vented, Each
105936	Utility Glove	Gloves, Nitrile, Utility, Medium, 12 Pair
107425	Surgical Scrub	Surgical Scrub, 4% CHG, 1 Gallon
106216	Sharps Boxes, Small	Sharps Container, 5L, 25 pieces (specify color)
104184	Sharps Boxes, Large	Sharps Container, 22L, Each (specify color)
105842	Alcohol Hand Wash for providers	Cleaner, Instant Antiseptic Hand, 4oz x 24 Pcs
102486	Soap for scrubbing instruments	Soap, Liquid Antiseptic, 1L
104562	Bleach for soaking instruments	Chemical, Bleach, Sodium Hypochlorite, 750mL

Table 9. Module 2: Equipment for MC Sites

SCMS ID Number	Product	Product Specifications
103919	Autoclave	Sterilizer, Autoclave, Top-Loading, Floor Standing, Small
104948	Autoclave	Sterilizer, Autoclave, Top-Loading, Floor Standing, Large
107440	Step Ladder	Step Stool, 1-Step, Each
107441	IV Stand	Standard IV Pole, 5 Leg, Each
	* Order By Name	
NA	Operating stool	Operating stools, adjustable height
NA	Operating Table	Table, examination, folding, 2-section with washable pad, minimum height of 68cm
NA	Standing Lamp	Standing one-bulb spotlight/lamp with adjustable arm
NA	Wheelchair	Wheelchair - removable arms and footrests
NA	Recovery bed	Recovery bed with mattress
NA	Recovery chair	Recovery chairs
NA	Patient trolley	Patient trolley with siderails and washable pad, est. dimensions 183x69x87cm
NA	Instrument stand	Mayo stand (extends over the patient)
NA	Diathermy machine	Diathermy machine: monopolar (can have dual monopolar/bipolar if this does not increase cost)
NA	Diathermy plate	Diathermy (aka cautery, electrosurgery) plates (aka "patient return electrodes" or "grounding pads")
NA	Diathermy pencil	Diathermy (electrocautery) pencil (wand)

* This product requires specifications. Please ask for this product by name and provide exact specifications.

Table 10. Module 3: MC Emergency Supplies

SCMS ID Number	Product	Product Specifications
990210	Emergency Trolley	Cart with labeled drawers, including mechanism for plastic tab "locks"
106324	Adrenaline [#]	Epinephrine (adrenaline) 1mg/ml, 1ml inj., 100 ampoules
107478	Atropine [#]	Atropine sulphate 1mg/ml, 1ml for injection, 100 ampoules
106133	Glucose (Dextrose) [#]	Dextrose 50%, injection, 25 vials of 50ml
104589	Sodium Chloride [#]	Sodium chloride 0.9%, 1000ml with nipple (no set), bottle, 12 bottles
107442	Non - Rebreather Oxygen Mask and Oxygen Tubing	Non-Rebreather Oxygen Mask and Oxygen Tubing
107443	Ambubag	Ambubag, Adult Size Face Mask with Reservoir Bag and Oxygen Tubing
107469	Flashlight (pen torch)	Flashlight, Battery Operated, Each
107444	Oropharyngeal airway	Oropharyngeal Airway, Plastic, Single Use, Non-Sterile, Size 3, 10 Pcs
107445	Oropharyngeal airway	Oropharyngeal Airway, Plastic, Single Use, Non-Sterile, Size 4, 10 Pcs
107446	Oropharyngeal airway	Oropharyngeal Airway, Plastic, Single Use, Non-Sterile, Size 5, 10 Pcs
107447	Glucometer	Glucometer, Blood Glucose Monitor
107448	Glucometer Strips	Glucometer Strips, 100 Pcs
107449	Sphygmomanometer	Sphygmomanometer, Aneroid, Standard, Handheld, Each)
107450	Stethoscope, Binaural	Stethoscope, Standard, Dual Head, Each
104161	Tourniquet	Tourniquet, Latex, Disposable, 1 x 18in, 1000 Pcs
107451	Laryngoscope	Laryngoscope Set, Standard, Battery Operated, with Blades, Each
103577	IV Infusion Tubing	Infusion giving set with airinlet+needle, 100 pce
107453	IV Catheter	IV Catheter, 18G x 1.88in, Wings, Sterile, Disposable, 50 Pcs
107454	IV Catheter	IV Catheter, 22G x 1in, Wings, Sterile, Disposable, 50 Pcs
107455	IV Catheter	IV Catheter, 16G x 1.66in, Wings, Sterile, Disposable, 50 Pcs
107463	Tape	Surgical Tape, Clear, Roll 2.5cm x 9m, 12 Pcs
107467	Pump, Aspirating, Surgical	Aspiration Pump, Surgical, Portable
107460	Endotracheal Tube	Endotracheal Tube, 6mm, Disposable, Sterile, 10 Pcs

107461	Endotracheal Tube	Endotracheal Tube, 7mm, Disposable, Sterile, 10 Pcs
107462	Endotracheal Tube	Endotracheal Tube, 8mm, Disposable, Sterile, 10 Pcs
107466	Oxygen Cylinder	Oxygen cylinder with model 830 regulator
103223	Disposable Exam Glove	Gloves, Exam, Nitrile, Powder-Free, Non-Sterile, Med, 100 Pcs
104922	Alcohol Swabs	Prep Swab, Alcohol, Medium, 150 x 200mm, 100 Pcs
104122	Sterile Gauze	Gauze, Sponge, Sterile, 8-ply, 4 X 4 in, 50 pcs
107036	Syringe 2 cc with 21G needle	Syringe, Auto-Disable, 2mL, 21G x 1.5in, 100 Pcs
104854	Syringe 10 cc with 21G needle	Syringe, w/Needle, Sliding Sleeve, 10mL, 21G x 1.5in, 400 Pcs
106984	Syringe 2 cc with 23G needle	Syringe, Auto-Disable, 2mL, 23G x 1in, 100 Pcs
104849	Syringe 10 cc with 22G needle	Syringe, w/Shielding Needle, 10mL, 22G x 1.5in, 400 Pcs
107452	Pulse oximeter	Pulse Oximeter, Fingertip, Battery Operated
107470	Emergency Protocols	Laminated Protocols for Basic Resuscitation of Anaphylaxis. CPR Poster

* This product requires specifications. Please ask for this product by name and provide exact specifications.

Please note: SCMS will determine if the pharmaceutical products on this list meet the regulatory and/or importation requirements of the country of importation/consumption. For larger procurements, SCMS may be able to supply smaller units of measurement for pharmaceuticals on this list (such as packaging per ampoule, iodine per 100ml). For smaller procurements, SCMS will not be in the position to supply re-packed smaller unit of measurement.