



## **STANDARD FISTULA FACILITY EQUIPMENT AND SUPPLIES,**

### **EngenderHealth/Fistula Care**

080808

#### ***(Context:***

- There are very few pieces of equipment or supplies that are solely and exclusively for fistula surgery.
- Many items of the fistula equipment may be common to other surgical sets, e.g. C section, laparotomy, minor surgery, D & C
- Some of the equipment is mandatory, some optional, depending on specific site routines e.g. use of GA vs spinal Anesthesia, infiltration with “jungle-juice” for vaginal dissection, use of diathermy etc
- This is a more comprehensive list because some programs may be setting up a completely new surgical service and may not have start-up equipment. Ward specific equipment is not included)

#### **Fistula Repair Instruments (Vaginal and/or abdominal)**

- **Scissors**, dissecting, Mayo 17 cm, straight
- scissors, dissecting, Mayo 17 cm, curved
- scissors, tonsil, Boyd-Stille, curved, 17cm
- scissors, Thorek, angled, 90 degrees tip, 20 cm
- scissors, suture straight, 15 cm
- scissors, suture, curved, 15 cm
  
- **Needle holder**, Mayo-Hega, straight 18 cm, 20 cm
- Needle holder, Mayo-Hega, curved, 18 cm, 20 cm
  
- **Scalpel blade holder** no. 7, length 15 cm, 18 cm e.g. Swan Morton (for no 11 blade)
  
- **Speculum**, vaginal, Graves bi-valve, medium, large (small size- *optional*), stainless steel
- speculum, vaginal, Auvard, 22 cm weighted, 1 kg, (*optional* additional weights 0.8 kg, 1.2 kg)
- speculum, Sims single- ended ( additional double ended, *optional*)
  
- **Forceps**, tissue, Littlewood’s
- forceps, tissue, standard 14.5 cm
- forceps, tissue, Allis, 15 cm 20 cm



- forceps, artery long straight, Kelly, 18 cm
- forceps, artery, long curved, Kelly, 18 cm
- Forceps, dissecting, toothed 15cm, 20 cm
- forceps dissecting, non -toothed 15cm, 20 cm
- forceps, sponge-holding, straight Forrester smooth 24 cm
- forceps, sponge holding, straight Forrester, serrated 24 cm
- forceps, artery, non –toothed, curved tip 20 cm
- forceps, artery, non –toothed, gentle angled tip 20 cm
- forceps, artery, sharp angled tip 20 cm non- toothed
- forceps artery small, Hartman’s (or Halstead’s mosquito) straight 10 cm, 15 cm
- forceps, artery, small, Hartmans curved 10 cm, 15 cm
- forceps, artery, Kocher’s, straight 15 cm, 1x2 teeth
- forceps, cervical, Volsellum , curved, 25 cm (*optional*: cervical tenaculum 25 cm)
- forceps, Cheatle, and jar (*optional*)
  
- **Needle**, aneurysm, Deschamps, sharp pointed 20 cm, right sided (left sided – *optional*)
  
- **Retractors**, vaginal thyroid/ Green ( or US Army /Navy or ecarteurs de faraboeuf) single or double ended 22 cm (*optional*, Langenbeck blade 13x44 mm)
- Retractors, abdominal, self retaining, Gosset’s, large
  
- **Catheter**, female urethral, stainless steel 16 cm
  
- **Sound**, uterine, malleable, calibrated 30 cm
  
- **Probe**, sinus, malleable with eye
  
- **Basin**, kidney 825 ml stainless steel (also 600ml - *optional*)
- basin, gallipot 100 ml stainless steel
- basin, plastic, 600ml

### **Expendable supplies**

- **Catheters**, urethral, Nelaton’s, solid tip, ch 12, 14 16 18 (**or** stiff plastic suction tube)
- catheters, urethral, Foley’s, bi-channel-way (tri-channel *optional*), balloon size 15ml only, ch 16 ( and some ch 14 and 18)
- catheters, ureteric, round tip, Mento, size 5 (and some 4 and 6), calibrated, color coded for R / L 65 cm with ureteric stent and guide wire
- catheter, rectal/enema, ch 22 with bowl, enema can



- **Sutures**, catgut, chromic on 3/8 round bodied needle nos 3/0, 2/0, 1/0, 0
- Sutures, catgut, plain on ½ circle round bodied needle, nos. 3/0, 2/0
- sutures, silk black braided on 3/8 circle cutting needle, no 2/0, 1/0, 0
- sutures, vicryl (*optional*) on ½ circle round bodied needle, no 5/0, 4/0, 3/0, 2/0, 1/0, 1
- sutures, nylon or propylene no 0, 1 on ½ circle needle (*optional*, needle-less, 15m)
- sutures, polyamide needle-less nos. 0, 1, 15 m
- sutures, PDS or polyglycolic, needle-less, nos 0, 1, 15m
  
- **Needles**, suture, loose, ½ circle round- bodied and trocar-pointed, size 2, 3, 4, 5, 6, 7
- Needles suture, Dennis Brown small (16), medium (25)
- Needle, fistula, fish hook, (*optional*), sizes 8, 9, 10
- Needle, spinal, sterilizable, stainless steel, with stylet, size 19, 22 and 25 (*program option*)
  
- **Gloves**, surgical, sterile, disposable, sizes, 7, 7.5, 8
- gloves, examination, non-sterile, disposable, sizes small, medium large
- gloves, utility
  
- **Cotton wool**, absorbent, non sterile
  
- **Gauze roll**, 12 ply 5 cm
  
- **Bags**, urine, 2l, latex free with bottom (not up top) release valve
  
- **Tape** adhesive 5cm, 10m
- Tape, paper, 5 cm
  
- **Apron** plastic
  
- **Sheet**, plastic
  
- **Drapes**, surgical, strong cotton 1.5 sq meter; fenestrated, leggings, small fields.
  
- **Gown**, surgical for patient, cotton, size large and medium
  
- **Boots**, theater, sandals; masks and caps
  
- **IV Fluids**, ( Hartmann's, Ringer's lactate, dextrose 5% in water, dextrose 5% in normal saline, normal saline)



- **Emulsion**, acroflavine (or tincture or povidone iodine- *optional*); **Betadine**
- **Petroleum jelly, vaseline gauze**
- **Dye**, methylene blue- (or gentian violet – *optional*)
- **Syringes**, plastic 5, 10 and 20 ml with or without injections needles
- Syringes, bladder, plastic, 50 ml or 60 ml with extra long coned nozzle (for dye test)
- **IV cannulae** of different gauges (e.g. Surflow IV catheter, 16 G 5 cm, 18 G, 20 G 5 cm)
- IV infusion set, IV transfusion set (*optional*)
- **Scalpel blades**, size 11 and 13, sharp pointed
- Scalpel blades, Bistouri, size 15, curved
- **Anesthetic** : Bupivacaine, hyperbaric chlorhydrate 0.5%, 20 ml amps
- Lignocaine (xylocaine HCl) inj 2%, 20 ml
- Medications: Tray, medicine, with injectable/oral/suppository medications, broad spectrum antibiotics, analgesics, antiemetics (e.g. stemetil), Adrenaline inj 1 mg in 1 ml, 1 ml amp

### **Operating Theater Equipment**

- **Table**, operating, mechanical (preferred to hydraulic), minimum 30 degree trendelenberg tilt, adjustable height, stirrups, lithotomy poles, length-wise adjustable shoulder supports (e.g. optomaster, Seward medical, Eschemann's, others)
- **Stool**, surgeon's, revolving, adjustable height, padded top, without back rest
- **Lamp** , medical examining table, angle poise /gooseneck 110/220v, with extra bulbs
- lamp, operating, movable on castors ( e.g. Burton of Van Nuy California but 110 v, Hanalux, and elliptic risma D400; check for voltage options)
- lamp, OR operating ceiling -mounted, shadowless (*optional*)
- **Tray**, box: instrument, large, stainless steel, with cover
- **IV stands**, hooks, double hooks, of variable height



- IV sets, tubing
- **Towel clips**, Elaines' 8 cm (*optional*, Backhaus' 8cm, 13 cm)
- **Suction machine**, electric, e.g. Gomco 110v/220v (additional foot-operated *optional*) with tubing and nozzle 28 cm chrome-plated

### **Theater accessory equipment/furniture**

- **Anesthetic machine** (-optional) with GA accessories; gases, anesthetic injectable medications, tubing, adult bellows/ambu bag, face mask, airways, laryngoscope with various blades and tube, etc
- **Cabinet**, drugs, supplies (*optional*)
- **Trolley**, patient, with pair of poles, canvas
- Trolley, instrument
- **'Sterilizer'**, (boiling box)
- **Autoclave**, steam autoclave, electric , or dry heat oven, with sterilizing drums/tambours, 26cm
- **Table**, examination, with deep tilt (may be ward or clinic) *-optional* (e.g. Opto master)
- **Table**, instrument, Mayo's, stainless steel, with stand, mobile
- **Tray**, box: instrument with cover, large, stainless steel
- Tray, Emergency ;
- Stethoscope, BP machine (aneroid), thermometer
- **Diathermy set machine** and cables, needles, *-optional* (- e.g. alleyway surgistat II, Alleylab surgistat II diathermy <sup>TM</sup> , Aaron/Bovie 1250, 120 and 220V))
- **Oxygen concentrator** 5 lit *-optional* (e.g. Devilbiss)
- **Vital functions monitor** *-optional* (e.g. Dynamap pro)



- Air conditioner, for cool only - (*optional* to geographic location)