



Standard Fistula Facility Equipment and Supplies

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. This document provides a comprehensive list of equipment and supplies necessary for fistula surgery, broken down into the following categories: fistula repair instruments; expendable supplies; operating theater equipment; and theater accessory equipment/furniture.

Key: R- Required O- Optional SS- Stainless steel

Fistula Repair Surgery Equipment	Minimum/ Basic Fistula Repair Kit	Cesarean Section	Vaginal Delivery
Scissors			
Dissecting Mayo, 17 cm, curved, SS	R	R	O
Dissecting Mayo, 17cm straight, SS	R	R	
Kelly, super-cut, 18 cm, SS	R		
McIndoe , curved, 19 cm, SS	R		
Metzenbaum, thin, curved, blunt- ended blades, 24 cm SS	R		
Suture, straight, 15 cm	R	R	R
Suture, curved , 18 cm, SS	R		
suture, curved, 15 cm, SS	R	R	
Suture, straight, 18 cm, SS	R		
Thorek, angled, 90- degree tip, 20 cm, SS	R		
Tonsil Boyd-Stille, 17 cm, curved, SS	R		
Episiotomy surgical scissors, Braun, 14.5 cm, angular, SS			R
Umbilical cord scissors, 10 cm		R	R
Needle holder			
Mayo-Hegar, straight, 18 cm	R	R	
Mayo-Hegar, curved, 18 cm	R	R	R
Mayo-Hegar, straight, 20 cm	R	R	
Mayo-Hegar, curved, 20 cm	R	R	
Scalpel/ specum blade holders			
no. 7, length 15 cm e.g. Swann Morton (for no 11 blade)	R	R	
no. 7, length 18 cm e.g. Swann Morton (for no 11 blade)	R	R	
No 7, Swann Morton, 16 cm, SS	R		
No 4, Swann Morton, 12 cm, SS	R		
Speculum			
Vaginal, Graves, bivalve, small, SS	O		
Vaginal, Graves, bivalve, medium, SS	R	O	O
Vaginal, Graves, bivalve, large, SS	R	R	
Vaginal, Auvard, blade 8 x 4 cm, 1 kg, SS	R	R	
Vaginal, Cusco or Graves, bi-valve 11.5x 3.5 cm			R
Vaginal, Sims, single-ended, SS (additional double-ended is optional)	R		
Forceps			
Artery, Kocher, straight, 15 cm, 1x2 teeth	R		
Artery, Kocher, curved, 15 cm, 1x2 teeth	R		
Artery, Kelly, long curved, 18 cm, SS	R	R	R
Artery, Kelly, long straight, 18 cm, SS	R	R	
Artery, Mixer, delicate threading, 14 cm SS - 1	R		
Artery, Mixer, delicate threading, 23 cm SS – 1	R		
Artery, nontoothed, curved tip, 20 cm	R	R	
Artery, nontoothed, gentle angled tip, 20 cm	R	R	
Artery, nontoothed, sharp angled tip, 20 cm	R	R	
Artery, small, Hartmann, mosquito, curved, 10 cm SS	R	R	
Artery, small, Hartmann, mosquito, curved, 15 cm, SS	R	R	
Artery, small, Hartmann, (or Halstead mosquito), straight, 10 cm, SS	R	R	
Artery, small, Hartmann, (or Halstead mosquito), straight, 15 cm, SS	R	R	
Cervical, Vulsellum, curved, 25 cm, SS (cervical tenaculum, 25 cm is optional)	R		

	Minimum/ Basic Fistula Repair Kit	Cesarean Section	Vaginal Delivery
Dissecting, nontoothed, 20 cm	R	R	
Dissecting, nontoothed, 15 cm	R	R	R
Dissecting, non-toothed, 18 cm, SS	R		
Dissecting, non-toothed, fine serrated jaw, 20 cm, SS	R		
Dissecting, toothed 1x2, 18 cm, SS	R		
Dissecting, toothed, 15 cm	R	R	R
Dissecting, toothed, 20 cm, SS	R	R	
sponge holding, straight Foerster, serrated 24 cm	R	R	R
sponge-holding, straight Foerster, smooth 24 cm	R	R	
Sterilizer, Cheatle, curved, 27 cm, and Jar	R	R	R
tissue, Allis, 15 cm	O	R	
tissue, Allis, 20 cm	R	R	
Tissue, Judd Allis, toothed 5 x 6 SS, 18 cm	O		
Tissue, Judd Allis, toothed 5x 6 SS, 20cm	R		
Tissue, Judd Allis, toothed 5x6, SS, 22cm	R		
Tissue, Littlewood, standard 14.5 cm	R	R	
Tissue, Standard, straight, 14.5cm, SS	R	R	
Artery forceps, straight, 15 cm			R
Tissue, Standard, straight, 25cm, SS	R		
Retractors			
Abdominal, Doyens (optional, Lagenback, Scott vaginal)	O	R	
Abdominal, self-retaining, Gosset, 2 blades, large, SS	R		
Vaginal, Thyroid-Green or Army-Navy, single or double ended, 22 cm, SS	R		
Basin			
gallipot 100 ml stainless steel	R	R	R
kidney 825 ml stainless steel	R	R	R
Plastic, 625 ml	R	R	
kidney 600 ml stainless steel		O	
Needle and Needle Holder			
Aneurysm, Deschamps, sharp pointed, 20 cm, right-sided (left-sided is <i>optional</i>)	O		
Aneurysm, Deschamps, sharp, right sided, handle 21 cm	R		
Aneurysm, Deschamps, sharp, left sided, handle 21 cm	R		
Mayo-Hegar, straight, 18 cm, SS	O		
Mayo-Hegar, straight, 20cm, SS	R		
Mayo-Hegar, curved, 18 cm, SS	O	R	R
Mayo-Hegar, curved, 20 cm, SS	R		
Catheter			
Female, urethral, 16 cm, 12 FG, SS	R	O	O
Sound			
Uterine, Martin, malleable, with eye, silver plated copper with brass handle, calibrated, 32 cm bulbous end	R		
Probe			
Sinus, malleable, with eye, 20 cm, SS	R		
Hook			
Emmet, fistula, pointed, 22 cm, SS	R		
Cord Clamp			
Cord clamp, 5.2 cm, sterile, single use		R	R
Towel clips			
Backhaus, 13 cm	O	O	
Lane, 8 cm (or Backhaus 8 cm))	R	R	O
Dilators			
Uterine, Hegar, set of 8 if double-ended (set of 16 if single-ended), sizes 3–18, nonmagnetic, SS	R		
Ruler			
Measurement, metal, calibrated in cm	R	O	O

Medical Consumables	Minimum/ Basic Fistula Repair Kit	Cesarean Section	Vaginal Delivery
Catheters			
urethral, Nelaton's, solid tip, fr 12, 14 16 18 (or stiff plastic suction tube)	R	R	
urethral, Foley's, bi-channel-way (tri-channel optional), balloon size 15ml only, fr 16 (and some fr 14 and 18)	O	R	O
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	R		
rectal/enema, fr 22 with bowl, enema can	R	R	O
Sutures			
catgut, chromic on 3/8 round bodied needle nos 3/0, 2/0, 1/0, 0	R	R	R
catgut, plain on ½ circle round bodied needle, nos. 3/0, 2/0	R	R	
non absorbable silk black braided on 3/8 circle cutting needle, no 2/0, 1/0, 0	R	R	
absorbable vicryl (optional) on ½ circle round bodied needle, no 5/0, 4/0, 3/0, 2/0, 1/0, 1	O	O	O
non absorbable nylon or propylene no 0, 1 on ½ circle needle (optional , needle-less, 15m)	O	R	
non absorbable polyamide needle-less nos. 0, 1, 15 m	R	R	
PDS or polyglycolic, needle-less, nos 0, 1, 15m	R	R	
monocryl UR -670 on 36mm ½ circle needle , taper point or blunt , 2-0 or 0	R		
Absorbable polyglactin sutures USP size 0, 2-0, 3-0, 4-0	R		
Bobbin of 150 cm absorbable polyglactin suture USP size 2-0 (without needle)	R		
Absorbable polydioxanone suture USP size 1 (for re-fixation of of pubo-cervical fascia)	R		
Needles			
suture, loose, ½ circle round- bodied and trocar-pointed, size 2, 3, 4, 5, 6, 7	R	R	O
suture, Dennis Brown small (16), medium (25)	R	R	
fistula, fish hook/ J shaped, (optional), sizes 8, 9, 10	O		
spinal, sterilizable, stainless steel, with stylet, size 19, 22 and 25 (program option) (packet of 25)	O	O	
Gloves			
surgical, sterile, disposable, sizes, 7, 7.5, 8	R	R	R
examination, non-sterile, disposable, sizes small, medium, large	R	R	R
utility	R	R	R
Cotton Wool			
absorbent, non sterile	R	R	R
Gauze Roll			
12 ply 5 cm	R	R	R
Bag			
urine, 2l, latex free with bottom (not up top) release valve	R	R	O
Tape			
adhesive 5cm, 10m	R	R	
paper, 5 cm	R	R	
Apron			
plastic	R	R	R
Sheet			
plastic 2 m	R	R	R
Drapes			
surgical, strong cotton 1.5 sq meter; fenestrated, leggings, small fields.	R	R	O
Gown			
surgical for patient, cotton, size large and medium	R	R	O
Personal Protective Equipment			
boots, theater, sandals; masks and caps	R	R	O
IV Fluids			
(Hartmann's, Ringer's lactate, dextrose 5% in water, dextrose 5% in normal saline, normal saline)	R	R	R
Emulsion			
acroflavine (or tincture or povidone iodine- optional);	R	R	
Betadine	R	R	R
Nonstick			
Petroleum jelly	R		
vaseline gauze	R		
Dye			
methylene blue injectable 1%, 10 cc vials - (or gentian violet – optional)	O		

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for IV dye test, Indigo Carmine 5 ml ampoules in boxes of 10, each with 5ml and 40mg of indigotindisulfonate	R		
<u>Syringes</u>			
plastic 5, 10 and 20 ml with or without needles	R	R	R
bladder, plastic, disposable 60- 100ml with extra long coned nozzle-NOT leur lock (for dye test)	R		
<u>IV Cannulae</u>			
of different gauges (e.g. Surflow 5 cm IV catheter, 16 G, 18 G, 20 G)	R	R	R
IV infusion set, IV transfusion set (<i>program optional</i>)	R	R	
<u>Scalpel Blades</u>			
size 11, 13 and 15, sharp pointed	R	R	
Bistouri, size 15, curved	R		
<u>Anesthetic</u>			
Bupivacaine, hyperbaric chlorhydrate 0.5%, 20 ml amps (or 4ml vials, heavy)	R		
Lidocaine (xylocaine HCl) inj 2%, 20 ml	R		R
<u>Medications</u>			
Tray, medicine, with injectable/oral/suppository medications, broad spectrum antibiotics, analgesics, antiemetics (e.g. stemetil), Adrenaline inj (1 mg/ml, 1 ml amp)	R	R	R

Operating Theatre Equipment	Minimum/ Basic Fistula Repair Kit	Cesarean Section	Vaginal Delivery
Table			
Examination, with deep tilt (may be ward or clinic) - optional (e.g. Opto master). Preferable for the upholstery to be 'seamless', specify color, breakable bottom half for lithotomy	R		
Instrument table, Mayo's, stainless steel, with stand, mobile	R		
Operating table: mechanical (preferred over hydraulic); Minimum 30 degree Trendelenburg tilt, adjustable height, stirrups, lithotomy poles, length-wise adjustable shoulder supports, breakable bottom half (e.g. Optomaster, Seward Medical, Eschmann, others), manual or hydraulic; or Zasco brand of Marseille; Amsco 2080 series	R	R	
Resuscitation table: neonatal, with neonatal kit: laryngoscope/airway, ambubag – neonatal laryngoscope blades conventional, straight e.g. Miller type English or Macintosh type American, sizes o and l with penlight handle; ambu self inflating bag, NON cuffed endotracheal tube sizes 2.5 and 3.5, Oral (not LMA) airways silicone autoclavable reusable sizes 0 , 00, 000, anesthesia facemask sizes 00 and 01		R	R
Delivery table, breakable bottom half			R
Stool			
Surgeon's, revolving, adjustable height, padded top, without backrest			
Lamp			
Medical examining table	O		
Angle poise/gooseneck 110/220 v, with extra bulbs; or Vista examination light or Vision LED-Dual Operating, movable on casters (e.g., Burton of Van Nuys, California, but 110 v, Hanaulux, and elliptic risma D400 ; check for voltage options)	O		
Ceiling-mounted operating room lighting, shadowless (optional)	O		
Towel clips			
Lane, 8 cm (optional , Backhaus, 8cm, 13 cm)		R	
Tray, Box			
Instrument, large, stainless steel, with cover	R	R	
Emergency tray, stethoscope, blood pressure machine (aneroid), thermometer	R		R
IV stands			
Hooks, double hooks, of variable height	R	R	R
IV sets, tubing		R	R
Suction machine			
Electric (e.g., Gomco 110v/220v [additional foot-operated is optional], with tubing and nozzle 28 cm chrome-plated)	R	R	R
Others with autoclavable 1 l jar, silicon tube 7 mm, and bacterial filter and piston pump, outright vacuum 600 mm Hg, 200 ml per stroke (e.g., from surgicalshop.com)	R		
Vacuum extraction kit: Birds, Vacca Omnicup hand-held re- usable, Malmstroms, other			R
Place Heater			
for neonate; with thermostat, preferable whole room circulation rather than direct heat, portable, no exposed heating elements (e.g. Vornado 220 v)		R	R
Anesthetic machine			
Anesthetic machine with general anesthesia accessories; gases, anesthetic injectable medications, tubing, adult bellows/ambu-bag, face mask, airways, laryngoscope with various blades and tube, etc.	O		
Integra series (some have monitor)	O		
Cabinet			
Cabinet for drugs, supplies	O	O	O
Trolley			
Patient, with pair of poles, canvas	R	R	
Trolley, instrument	R	R	R
Sterilizer			
Boiling box	R	R	R
Autoclave			
Steam autoclave, electric , or dry heat oven, with sterilizing drums/tambours, 26cm	R	R	O
Others: Tuttnauer ELV 5050 vertical steam or 3870 (which can take two sterilizing drums of 14x15x12 in.)	O	O	
Diathermy set machine			
Diathermy set machine with cables, needles (optional): eg: alleyway surgistat II	R	O	
Oxygen concentrator			
5 lit (e.g. Devilbiss)	O	O	
Vital functions monitor			
e.g. Dynamap pro	O	O	
Air conditioner (for cooling only)			

	Minimum/ Basic Fistula Repair Kit	Cesarean Section	Vaginal Delivery
Air conditioner	0		