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NIT 13277/6-12-16

DEPARTMENT OF SURGERY
RAJENDRA INSTITUTE OF MEDICAL SCIENCES, RANCHI


List & Specification of Equipments are Enclosed herewith.

Sl. No	Description
1	GENERAL SURGERY INSTRUMENT SETS
2	LAPAROSCOPIC INSTRUMENT SET

3. Ultrasonic Cutting and Coagulating Device Bipolar vessel Sealing
4. Linear staplers for open & Lap surgery.
5. Circular staplers (All size)


23/9/11

DR. SHITAL MALUA
M.S.D.A. F.I.C.S.
ASSOCIATE PROFESSOR
DEPARTMENT OF SURGERY, RIMS, Ranchi


10/xii/116


GENERAL SURGERY

MAJOR BASIC SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	4
SCALPEL HANDLE, NO. 4, 13.5 CM	2
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
TC-DISS. SCISSORS, FINE, CVD., 20.5 CM	1
TC-DISSECTING SCISSORS, CVD., 23 CM	1
TC-DISS. SCISSORS, CVD., SERR., 18 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 20.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 20 CM	2
DRESSING FORCEPS, REES, ISOLATED, 20 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	6
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	6
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	6
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	6
HAEM. FORCEPS, MOSQUITO, STR., 18.5 CM	2
FORCEPS, MOSQUITO, 1X2 T., STR., 18.5 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 24 CM	2
FORCEPS, GROSS-MAIER, STR., 26.5 CM	2
PERITON. FORCEPS, MIKULICZ, HEAVY, 20 CM	6
DISS. FORCEPS, OVERHOLT, NO. 1, 20.5 CM	2
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	2
DISS. FORCEPS, OVERHOLT, NO. 3, 21.5 CM	2
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	2
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	2
RETRACTOR, ROUX, SET, NO. 1-3, 17 CM	1
RETRACTOR, LANGENBECK, 30X11 MM, 22 CM	2
RETRACTOR, LANGENBECK, 40X11 MM, 22 CM	2
RETRACT., KOCHER-LANG., 55X11 MM, 21.5CM	2
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RETRACTOR, DELIC., SHARP, 2-PR., 16.5 CM	2
HOOCKET, CUSHING, 10 MM, 20.5 CM	2
TENACULUM FORCEPS, CZERNY, 4X4 T., 21 CM	1
ATR. TISSUE FORCEPS, ALLIS, 15.5 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 0, 17 CM	1
GROOVED DIRECTOR, NELATON, CVD., 16 CM	1
PROBE, BUTTON END, Ø 1.5/1.5 MM, 14.5 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 12 CH	1
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.


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(2)

MINOR BASIC SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	4
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	2
SCALPEL HANDLE, NO. 4, 13.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
TC-DISSECTING SCISSORS, CVD., 17.5 CM	1
TC-DISS. SCISSORS, CVD., SERR., 18 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 18 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	4
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	4
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	4
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	4
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
FORCEPS, MIXTER-BABY, SL. CVD., 14 CM	1
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	1
HAEM. FORCEPS, MOSQUITO, CVD., 18 CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 18.5 CM	2
RETRACTOR, ROUX, SET, NO. 1-3, 17 CM	1
RETRACTOR, LANGENBECK, 30X11 MM, 22 CM	2
RETRACTOR, LANGENBECK, 40X11 MM, 22 CM	2
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RETRACTOR, DELIC., SHARP, 2-PR., 16.5 CM	2
HOOKLET, CUSHING, 10 MM, 20.5 CM	2
ATR. TISSUE FORCEPS, ALLIS, 15.5 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 0, 17 CM	1
GROOVED DIRECTOR, NELATON, CVD., 16 CM	1
PROBE, BUTTON END, Ø 1.5/1.5 MM, 14.5 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.

SUPPLEMENT FOR GALLBLADDER	1
SCALPEL HANDLE, NO. 3L, LONG, 21.5 CM	1
TC-DISSECTING SCISSORS, CVD., 26 CM	1
DRESS. FORCEPS, ISOL., W/O CONN., 25 CM	1
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	2
ATR. FORCEPS, DE BAKEY, 3.5 MM, 25 CM	2
FORCEPS, BENGOLEA, STR., 26 CM	2
FORCEPS, BENGOLEA, CVD., 26 CM	1
FORCEPS, MIXTER, ANG., LONGIT., 22.5 CM	2
FORCEPS, MIXTER, ANG., LONGIT., 26 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 26.5 CM	1
ATR. ORGAN SEIZING FORCEPS, 25 CM	2
RETRACTOR, FRITSCH, 45X75 MM, 25.5 CM	2
RETRACTOR, MIKULICZ, 125X50 MM, 25 CM	2
RETRACTOR, MIKULICZ, 160X50 MM, 25 CM	1
ABDOM. SPATULA, HABERER, 37/45 MM, 30 CM	1
TC-SCISSORS, DE BAKEY, 45°, 23 CM	1
VASCULAR SCISSORS, 45°, 16.5 CM	1
BILE DUCT DILATOR, BAKES, 3 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 4 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 5 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 6 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 7 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 8 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 9 MM, 32 CM	1
BILE DUCT DILATOR, BAKES, 10 MM, 32 CM	1
GALLSTONE SCOOP, NO. 00, 3.4 MM, 32 CM	1
GALLSTONE SCOOP, NO. 0, 4.3 MM, 32 CM	1
GALLSTONE SCOOP, NO. 1, 5.5 MM, 32 CM	1
GALLSTONE SCOOP, NO. 2, 6.6 MM, 32 CM	1
GALLSTONE SCOOP, NO. 3, 8.0 MM, 32 CM	1
GALLSTONE SCOOP, NO. 4, 11 MM, 32 CM	1
GALLSTONE FORCEPS, DESJARDINS, NO. 1	1
GALLSTONE FORCEPS, DESJARDINS, NO. 2	1
GALLSTONE FORCEPS, DESJARDINS, NO. 1	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
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4

SUPPLEMENT, GASTRO INTESTINAL	1
SCALPEL HANDLE, NO. 3L, LONG, 21.5 CM	1
SCALPEL HANDLE, NO. 4L, LONG, 20.5 CM	1
TC-DISSECTING SCISSORS, CVD., 26 CM	1
TC-DISS. SCISSORS, FINE, CVD., 28.5 CM	1
TC-SCISSORS, MAYO-STILLE, STR., 17 CM	1
DRESS. FORCEPS, ISOL., W/O CONN., 25 CM	1
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	2
ATR. FORCEPS, DE BAKEY, 3.5 MM, 25 CM	2
ATR. FORCEPS, DE BAKEY, 3.5 MM, 30 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 26.5 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 31 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 30 CM	1
RETRACTOR, FRITSCH, 45X75 MM, 25.5 CM	2
RETRACTOR, MIKULICZ, 125X50 MM, 25 CM	2
RETRACTOR, MIKULICZ, 160X50 MM, 25 CM	1
ABDOM. SPATULA, HABERER, 37/45 MM, 30 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 26 CM	2
FORCEPS, BENGOLEA, STR., 26 CM	2
ATR. ORGAN SEIZING FORCEPS, 25 CM	2
ATR. TISSUE FORCEPS, ALLIS, 20 CM	2
ATR. TISSUE FORCEPS, ALLIS, 24.5 CM	2
ATR. KIDNEY PEDI. FORCEPS, GUYON, 23 CM	1
ATR. BRONC. FCPS., LEES, CVD/ANG., 26 CM	1
ATR. INTEST. FCPS., KOCHER, CVD., 25 CM	2
ATR. INTEST. FCPS., KOCHER, STR., 25 CM	2
DISS. FORCEPS, ZENKER, SL. CVD., 29.5 CM	2
DISS. FORCEPS, ZENKER, ST. CVD., 28.5 CM	2
DISS. FORCEPS, OVERHOLT, NO. 4, 28 CM	2
GROOVED DIRECT., BRUNNER, PLASTIC, 18 CM	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

5

LAPAROTOMY SET	1
SCALPEL HANDLE, NO. 4, 13.5 CM	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	4
SCALPEL HANDLE, NO. 4L, LONG, 20.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
TC-DISS. SCISSORS, FINE, CVD., 20.5 CM	1
TC-DISSECTING SCISSORS, CVD., 23 CM	1
TC-DISSECTING SCISSORS, CVD., 26 CM	1
TC-DISS. SCISSORS, FINE, CVD., 28.5 CM	1
TC-DISS. SCISSORS, CVD., SERR., 18 CM	1
TC-DISS. SCISSORS, CVD., SERR., 23 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 20.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 25 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 20 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	2
DRESS. FORCEPS, ISOL., W/O CONN., 21 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	6
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	6
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	6
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	10
HAEM. FORCEPS, MOSQUITO, STR., 18.5 CM	2
FORCEPS, MOSQUITO, 1X2 T., STR., 18.5 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 24 CM	2
FORCEPS, GROSS-MAIER, STR., 26.5 CM	4
PERITON. FORCEPS, MIKULICZ, HEAVY, 20 CM	6
DISS. FORCEPS, OVERHOLT, NO. 4, 22 CM	2
FORCEPS, OVERHOLT, FINE, CVD., 29.5 CM	2
DISS. FORCEPS, OVERHOLT, NO. 3, 27.5 CM	2
FORCEPS, MIXTER, ANG., LONGIT., 22.5 CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	2
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	2
TC-NEEDLEHOLDER, MASSON, 26.5 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 26.5 CM	2
RETRACTOR, ROUX, SET, NO. 1-3, 17 CM	1
RETRACTOR, LANGENBECK, 30X11 MM, 22 CM	2
RETRACTOR, LANGENBECK, 40X11 MM, 22 CM	2
RETRACT., KOCHER-LANG., 55X11 MM, 21.5CM	2
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RETRACTOR, FRITSCH, 45X75 MM, 25.5 CM	2
RETRACTOR, MIKULICZ, 125X50 MM, 25 CM	2
RETRACTOR, MIKULICZ, 160X50 MM, 25 CM	1
ABDOM. SPATULA, HABERER, 37/45 MM, 30 CM	1
ATR. ORGAN SEIZING FORCEPS, 25 CM	2
ATR. TISSUE FORCEPS, ALLIS, 24.5 CM	2
BONE CURETTE, VOLKM., OVAL, NO. 0, 17 CM	1

6

SUPPLEMENT SPLEEN/LIVER	1
TISSUE FORCEPS, ALLIS, 5X6 T., 19 CM	6
TISSUE FORCEPS, BABCOCK, 24 CM	3
INTESTINAL FORCEPS, DOYEN, STR., 23.5 CM	4
DRESSING FORCEPS, MEDIUM WIDE, 20 CM	2
SCISSORS, MAYO-HARRINGTON, CVD., 23 CM	1
SCISSORS, MAYO-HARRINGTON, STR., 23 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 24 CM	1
DISSECT. FORCEPS, MIXTER, CVD., 22.5 CM	3
DISS. FORCEPS, MIXTER, ANG., 17.5 CM	6
HAEMOSTATIC FORCEPS, PEAN, CRV., 20 CM	6
TISSUE FORCEPS, 1X2 T., SLIM, 20.5 CM	2
CLAMP FORCEPS, MOYNIHAN, CVD., 23 CM	4
TC-DISS. SCISSORS, FINE, CVD., 18 CM	4
SCISSORS, ANGLED 40°, 18.5 CM	4
ATR. FORCEPS, PEAN, STR., 18.5 CM	2
ATR. FORCEPS, PEAN, STR., 20.5 CM	2
ATR. FORCEPS, POTTS, STR., 23.5 CM	2
BULLDOG CLAMP, DE BAKEY, STR., 7.5 CM	10
BULLDOG CLAMP, DE BAKEY, STR., 8.5 CM	10
BULLDOG CLAMP, DE BAKEY, STR., 10 CM	10
ATR. TANGENTIAL FORCEPS, SATINSKY, 22 CM	4
ATR. TANGENTIAL FORCEPS, SATINSKY, 26 CM	4
ATR. FORCEPS, DE BAKEY, ANG., 20 CM	4
ATR. FORCEPS, OCHSNER, CVD., 22 CM	4
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	4
ATR. FORCEPS, DE BAKEY, 2 MM, 20 CM	4
APPLYING FORCEPS F. BULLD. CLAMPS, 24 CM	4
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

SUPPLEMENT SET FOR RECTUM	1
SCALPEL HANDLE, NO. 4L, LONG, 20.5 CM	1
TC-DISSECTING SCISSORS, CVD., 28.5 CM	1
DRESS. FORCEPS, ISOL., W/O CONN., 25 CM	1
ATR. FORCEPS, DE BAKEY, 2 MM, 30 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 30 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 31 CM	2
RETRACTOR, MIKULICZ, 125X50 MM, 25 CM	2
PELVIS RETRACTOR, 180X60 MM, 23.5 CM	1
FORCEPS, OVERHOLT, FINE, CVD., 29.5 CM	2
DISS. FORCEPS, ZENKER, ST. CVD., 28.5 CM	2
DISS. FORCEPS, ZENKER, SL. CVD., 29.5 CM	2
ATR. RECTUM FORCEPS, HAYES, ANG., 28 CM	1
ATR. RECTUM FORCEPS, RESANO, 28 CM	1
ATR. TANGENT. FORCEPS, SATINSKY, 28.5 CM	1
ATR. FORCEPS, DE BAKEY, ANG., 26 CM	1
ATR. TISSUE FORCEPS, ALLIS, 24.5 CM	2
CONTAINER MS, 47X30X14 CM, HANDLE GREY	1
Tray 3/4, 410x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
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<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

8

GROOVED DIRECTOR, NELATON, CVD., 16 CM	1
PROBE, BUTTON END, Ø 1.5/1.5 MM, 20 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 12 CH	1
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

HERNIA & APPENDIX SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	4
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	2
SCALPEL HANDLE, NO. 4, 13.5 CM	2
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
TC-DISS. SCISSORS, CVD., SERR., 18 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	6
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	6
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	6
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
FORCEPS, GROSS-MAIER, STR., 26.5 CM	2
PERITON. FORCEPS, MIKULICZ, HEAVY, 20 CM	4
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	2
DISS. FORCEPS, OVERHOLT, NO. 3, 21.5 CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	1
RETRACTOR, ROUX, SET, NO. 1-3, 17 CM	1
RETRACTOR, LANGENBECK, 30X14 MM, 22 CM	2
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 12 CH	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

(10)

THYROIDECTOMY SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	4
SCALPEL HANDLE, NO. 4, 13.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
TC-DISS. SCISSORS, FINE, CVD., 20.5 CM	1
TC-DISS. SCISSORS, CVD., SERR., 18 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 18 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	4
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	4
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	12
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	2
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	2
DISS. FORCEPS, OVERHOLT, NO. 3, 21.5 CM	2
TENACULUM FORCEPS, BRAUN, 4X4 T., 16 CM	2
ATR. TISSUE FORCEPS, BABCOCK, 16 CM	2
ATR. TISSUE FORCEPS, ALLIS, 20 CM	2
LIGATURE NEEDLE, DESCHAMPS, BLUNT, 20 CM	1
LIGATURE NEEDLE, DESCHAMPS, BLUNT, 21 CM	1
GROOVED DIRECTOR, PAYR, CVD., 22 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	2
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	1
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RETRACTOR, ROUX, SET, NO. 1-3, 17 CM	1
RETRACT., KOCHER-LANG., 40X18 MM, 21.5CM	2
TRACHEA RETRACTOR, JACKSON, DBL., 18 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 8 CH	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.

11

SUPPLEMENT FOR THYROID	1
ATR. FORCEPS, DE BAKEY, 1.5 MM, 16 CM	2
ATR. FORCEPS, DE BAKEY, 1.5 MM, 20 CM	2
RETRACTOR, ZENKER, ANG., 35X9 MM, 25 CM	1
RETRACT. ZENKER, ANG, 60X12 MM, 26.5 CM	1
RETRACTOR, ZENKER, ANG., 75X12 MM, 28 CM	1
DISS. FORCEPS, HEISS, SLIGHT CVD., 20 CM	1
DISS. FORCEPS, HEISS, STRONG CVD., 20 CM	1
DISS. FORCEPS, BABY-ADSON, CVD., 18 CM	1
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	1
FORCEPS, KOCHER, 1X2 T., STR., 14.5 CM	8
FORCEPS MICRO-MOSQUITO, CVD., 12 CM	8
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
TC-DISS. SCISSORS, FINE, CVD., 20.5 CM	1
GROOVED DIRECTOR, KOENIG, NO. 1, 20 CM	1
GROOVED DIRECTOR, KOENIG, NO. 2, 20 CM	1
LIGATURE NEEDLE, DESCHAMPS, BLUNT, 21 CM	1
LIGATURE NEEDLE, DESCHAMPS, BLUNT, 21 CM	1
LIGATURE NEEDLE, STR., MALLEAB., 20 CM	1
SUCT. TUBE, YASARG., Ø 2.0 MM, WL:150 MM	1
SUCT. TUBE, YASARG., Ø 2.5 MM, WL:150 MM	1
CONTAINER MS, 47X30X14 CM, HANDLE GREY	1
Tray 3/4, 410x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.

12

TRACHEOTOMY SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	4
TOWEL FORCEPS F. PAPER DRAPES, 11.5 CM	2
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
TC-DISS. SCISSORS, FINE, CVD., 18 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	4
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	4
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	2
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	2
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	1
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
RETRACTOR, LANGENBECK, 30X14 MM, 22 CM	2
RETRACTOR, DOUBLE, ROUX, NO. 1, 14.5 CM	2
RETRACTOR, DELIC., SHARP, 1-PR., 16.5 CM	2
RETRACTOR, DELIC., SHARP, 4-PR., 16.5 CM	2
TRACHEAL DILATOR, LABORDE, 14 CM	1
WOUNDSPREADER, SHARP, 3X4 T., 13.5 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 8 CH	1
GUIDE NEEDLE, ANG., KNIFE SHAPE, 10 CH	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.

CUT DOWN SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	4
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
IRIS SCISSORS, SH/SH, STR., 11.5 CM	1
STRABISMUS SCISS., BL/BL, CVD., 11.5 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
DRESSING FORCEPS, SEMKEN, 12.5 CM	1
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	1
TISSUE FORCEPS, SEMKEN, 1X2 T., 12.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	1
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	2
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	2
FORCEPS, PEAN, DELICATE, STR., 14.5 CM	2
FORCEPS, MIXTER-BABY, SL. CVD., 14 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
RETRACTOR, DELIC., BLUNT, 2-PR., 16.5 CM	2
HOOKLET, DESMARRES, 12 MM, 16 CM	2
WOUNDSPREADER, ALM, SHARP, 4X4 T., 10 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.

(14)

SUPPLEMENT SET FOR PERMAGNA	1
SKALPELLGRIFF NR:3 XL	1
DISSECTING SCISSORS, CVD., 350MM	1
TC LIGATUR SCISSORS, 350MM	1
KERSTING SIGMOID ANASTOM.FCP, 31CM	1
FORCEPS, DE BAKEY, 3,5MM, STR. 35CM	1
FORCEPS INSULATED 350MM	1
FORCEPS, SIMS-MAIER, 350MM	1
KELLY DRESSING FORCEPS 320MM	1
TAMPON FORCEPS, ULRICH, 350MM	1
DISS. FORCPES ZENKER, CVD. 350MM	1
ZENKER DISSECT. CLAMP, 35 CM, CVD.	1
ZENKER DISSECTING FCPS., CURV. 35CM	1
MUELLER NEEDLEHOLDER CURVED TC 360MM	1
TC-NEEDLEHOLDER, MULLER 350MM	1
MULLER RETRACTOR 250X30MM/60MM	1
HOESEL RETRACTOR, 220X40 MM	1
TISSUE FORCEPS, ALLIS, 295MM	1
TISSUE FORCEPS, ALLIS, 350MM	1
TC-DISSECTING SCISSORS, CVD., 30 CM	1
DRESSING FORCEPS, 30.5 CM	1
TISSUE FORCEPS, 1X2 T., 30.5 CM	1
ATR. ORGAN SEIZING FORCEPS, 26 CM	1
DISS. FORCEPS, OVERHOLT, NO. 3, 27.5 CM	1
HAEMOSTATIC FORCEPS, PEAN, STR., 26 CM	1
HAEMOSTATIC FORCEPS, PEAN, CRV., 26 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 31 CM	1
FORCEPS, KOCHER, 1X2 T., CVD., 26 CM	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

SUPPLEMENT FOR DEEP RECTUM SURGERY	1
TISSUE FORCEPS, ALLIS, 295MM	3
MUELLER REKTUM-ATRAUMA, S-FORM, 37CM	1
FORCEPS, DE BAKEY, 3,5MM, STR. 35CM	1
TC-NEEDLEHOLDER, MULLER 350MM	1
MÜLLER RECTAL SCISSOR 32,5CM	1
MULLER RETRACTOR 250X30MM/60MM	1
LLOYD DAVIS RECTAL OCCLUSION FORCEPS	1
DE BAKEY SUCTION TUBE D 3 MM, 275 MM	1
DISS. FORCEPS, ZENKER, SL. CVD., 29.5 CM	1
DISS. FORCEPS, ZENKER, ST. CVD., 28.5 CM	1
KERSTING SIGMOID ANASTOM.FCP, 31CM	1
WUNDHAKEN, 250X30/60MM	1
CONTAINER MS, 47X30X14 CM, HANDLE GREY	1
Tray 3/4, 410x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<p><i>The Instrument should be CE & FDA USA approved.</i></p> <p><i>The Instrument and Container should be of the same parent company.</i></p> <p><i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i></p>	

16

RECTAL AND HAEMORRHOIDAL SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	4
SCALPEL HANDLE, NO. 7, SOLID, 16 CM	1
TC-DISSECTING SCISSORS, CVD., 17.5 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
DRESSING FORCEPS, 18 CM	1
TISSUE FORCEPS, 1X2 T., 14.5 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	4
DISS. FORCEPS, OVERHOLT, NO. 1, 20.5 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 18.5 CM	1
SIMS RECTAL SPECULUM 80X20 MM	1
SPHINCTEROSCOPE, KELLY, 27X50 MM	1
HAEMORRHOIDAL-LIGATOR, RUDD, 27.5 CM	1
HAEMORRHOIDAL FORCEPS, MCGIVNEY, 19.5 CM	1
YEOMAN REKTAL BIOPSIEZANGE 42 CM	1
FISTULA PROBE, STR., 16.5 CM	1
FISTULA PROBE, SLIGHT CVD., 16.5 CM	1
FISTULA PROBE, 90° CVD., 16.5 CM	1
FISTULA PROBE, STRONG CVD., 16.5 CM	1
KIDNEY DISH, 250X140X40 MM	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

17

INCISION & DRAINAGE SET	1
FORCEPS, GROSS-MAIER, CVD., 20.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	1
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	1
TC-DISS. SCISSORS, FINE, CVD., 14.5 CM	1
PROBE, BUTTON END, Ø 2.0/2.0 MM, 14.5 CM	1
BONE CUR., VOLKM., OVAL, NO. 000, 17 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 0, 17 CM	1
TC-SCISSORS, LEXER, FINE, CVD., 16 CM	1
SCALPEL HANDLE, NO. 4, 13.5 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
KIDNEY DISH, 250X140X40 MM	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
<i>The Instrument and Container should be of the same parent company.</i>	
<i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i>	

18

SUTURE SET LARGE	1
SCALPEL HANDLE, NO. 3, 12 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	1
FORCEPS MICRO-MOSQUITO, CVD., 12 CM	4
FORCEPS, GROSS-MAIER, CVD., 20.5 CM	1
RETRACTOR, DELIC., SHARP, 2-PR., 16.5 CM	2
SPREADER, WULLST., SHARP, 3X3 T., 13 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-SCISSORS, LEXER, FINE, CVD., 16 CM	1
STRABISMUS SCISS., BL/BL, CVD., 11.5 CM	1
OPERATING SCISSORS, SH/BL, CVD., 16.5 CM	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 18.5 CM	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

The Instrument and Container should be of the same parent company.

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SUTURE SET SMALL	1
SCALPEL HANDLE, NO. 3, 12 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
FORCEPS MICRO-MOSQUITO, CVD., 12 CM	2
FORCEPS, GROSS-MAIER, CVD., 20.5 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
BOWL, METAL, H = 19, Ø 40 MM, 0.02 L	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
TC-DISSECTING SCISSORS, CVD., 14.5 CM	1
MICROSTOP MINISSET CONTAINER 310X189X90MM	1
TRAY, PERFORATED, 235X130X50MM	1
LOGISTIC FRAME, RED, F. CONTAINER	1
IDENTIFICATION LABEL, W. TEXT, W/O HOLE	1
IDENT. LABEL, MINISSET CONT., W. TEXT	1

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VARICOSE VEIN STRIPPING SUPPL. SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
TOWEL FORCEPS, TOHOKU, BLUNT, 10.5 CM	4
SCALPEL HANDLE, NO. 4, 13.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	2
SCALPEL HANDLE F. MICROBLADE, 13.5 CM	1
TC-DISSECTING SCISSORS, CVD., 14.5 CM	1
TC-DISSECTING SCISSORS, CVD., 17.5 CM	1
TC-DISSECTING SCISSORS, CVD., 20.5 CM	1
TC-LIGATURE SCISSORS, CVD., SERR., 17 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., 20.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 20 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 14.5 CM	6
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	10
FORCEPS, MOSQUITO, 1X2 T., CVD., 12.5 CM	6
HAEM. FORCEPS, HARTMANN, CVD., 10 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 18.5 CM	2
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 18.5 CM	2
RETRACTOR, DELIC., SHARP, 4-PR., 16.5 CM	2
HOOKLET, DESMARRES, 10 MM, 16 CM	2
RETRACTOR, LANGENBECK, 30X14 MM, 22 CM	2
RETRACTOR, LANGENBECK, 40X11 MM, 22 CM	2
RETRACT., KOCHER-LANG., 55X11 MM, 21.5CM	2
SPREADER, ADSON, BLUNT, 4X5 T., 33 CM	1
SEPTUM ELEVATOR, FREER, SH/BL, 18 CM	1
VARICOSE VEIN SET, NABATOFF, COMPLETE	1
PHLEBODISSECTOR, VARADY, 18 CM	1
PHLEBEXTRACTOR, VARADY, 18 CM	1
PHLEBEXTRACTOR, VARADY, 18 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 12 CH	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 14 CH	1
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
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20

SUPPLEMENT MAMMA AMPUTATION	1
TENACULUM FORCEPS, BRAUN, 4X4 T., 16 CM	1
TENACULUM FORCEPS, CZERNY, 4X4 T., 21 CM	1
TC-DISSECTING SCISSORS, CVD., 26 CM	1
FORCEPS, KOCHER, 1X2 T., STR., 20.5 CM	2
HAEMOSTATIC FORCEPS, PEAN, CVD., 14 CM	8
DISS. FORCEPS, BABY-ADSON, CVD., 18 CM	1
RETRACTOR, KOCHER, SHARP, 6-PR., 22.5 CM	2
RETRACTOR, LANGENBECK, 60X20 MM, 21 CM	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

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AMPUTATION INSTRUMENTS	1
RETRACTOR, VOLKMANN, SH., 1-PR., 21.5 CM	1
OSTEOTOME, LEXER, 15 MM, 22 CM	1
MALLET, PLASTIC HANDLE, 460 GR., 24 CM	1
BONE FILE, BAYONET SHAPE, 13 MM, 25 CM	1
RASPATORY, LAMBOTTE, 15 MM, 21.5 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 1, 17 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 2, 17 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 4, 17 CM	1
RETRACTOR, PERCY, F. AMPUTATION	1
BONE RONGEUR, RUSKIN, CVD., 24 CM	1
RASPATORY, SEDILLOT, CVD., 23 CM	1
ELEVATOR, LANGENBECK, 7 MM, 19.5 CM	1
HOOK HANDLE, F. WIRE SAWS	2
WIRE SAW, GIGLI, FOURFOLD, 30 CM	1
WIRE SAW, GIGLI, FOURFOLD, 40 CM	1
WIRE SAW, GIGLI, FOURFOLD, 50 CM	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

The Instrument should be CE & FDA USA approved.

*The Instrument and Container should be of the same parent company.
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microbial barriers should be easy to remove and clean.*

KIRSCHNER FRAME	1
ABD. RETRACTOR, KIRSCHNER, CURVANG., CPL.	1
HOOK ON BLADE, KIRSCHNER, 98X50 MM	2
CONTAINER MS, 60X30X14 CM, HANDLE GREY	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<p><i>The Instrument should be CE & FDA USA approved.</i></p> <p><i>The Instrument and Container should be of the same parent company.</i></p> <p><i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i></p>	

EMERGENCY SUPPLEMENT FOR VESSELS	
BULLDOG CLAMP, DE BAKEY, CVD., 8.5 CM	1
ATR. FORCEPS, LELAND-JONES, ANG., 19 CM	2
ATR. TANGENTIAL FORCEPS, SATINSKY, 22 CM	2
ATR. FORCEPS, POTTS, CVD., 23 CM	1
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 23 CM	2
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
MICROSTOP MINISSET CONTAINER 310X189X90MM	1
TRAY, PERFORATED, 235X130X50MM	1
LOGISTIC FRAME, RED, F. CONTAINER	1
IDENTIFICATION LABEL, W. TEXT, W/O HOLE	1
IDENT. LABEL, MINISSET CONT., W. TEXT	1
<p><i>The Instrument should be CE & FDA USA approved.</i></p> <p><i>The Instrument and Container should be of the same parent company.</i></p> <p><i>It should have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean.</i></p>	

24

SUPPLEMENT FOR VASCULAR SURGERY	1
SPREADER, ADSON, BLUNT, 4X5 T., 33 CM	1
WOUNDSREADER, BLUNT, 3X4 T., 16 CM	1
SCISSORS, ANGLED 60°, 18 CM	1
TC-SCISSORS, DE BAKEY, 60°, 22 CM	1
TI-ATRAUMA-FORCEPS, 1.5 MM, 20.5 CM	2
TI-ATRAUMA-FORCEPS, 1.5 MM, 24.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	2
RING STRIPPER, ROUND, Ø 2.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 3.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 4.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 6.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 7.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 8.5 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 10.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 12.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 14.0 MM, 50 CM	1
HANDLE F. STRIPPERS, ROUND, 11.5 CM	1
VESSEL CANNULA, MALLEAB., Ø 4 MM, 15 CM	1
VESSEL CANNULA, MALLEAB., Ø 3 MM, 15 CM	1
DURA DISSECTOR, DAVIS, DBL., 24.5 CM	1
INTIMA SPATULA, BLUNT, 3 MM, 18.5 CM	1
INTIMA SPATULA, BLUNT, 3 MM, 21.5 CM	1
HOOKLET, CUSHING, 14 MM, 20.5 CM	1
NERVE HOOK, CUSHING, NO. 2, 19 CM	1
NERVE HOOK, CUSHING, NO. 2, 28 CM	1
SUTURE HOOK, Ø 3.0 MM, 26 CM	1
TUNNELING-FORCEPS, CVD., 39.5 CM	1
TC-NEEDLEHOLDER, HEGAR-VASCULAR, 20.5 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 26.5 CM	1
TC-NEEDLEHOLDER, RYDER-MARTIN, 20 CM	1
BULLDOG CLAMP, DE BAKEY, CVD., 8.5 CM	2
ATR. FORCEPS, POTTS, ANG., 55 MM, 22 CM	2
ATR. FORCEPS, LELAND-JONES, ANG., 18 CM	2
ATR. LIGATURE FORCEPS, DE BAKEY, 24 CM	1
ATR. AORTA FCPS., BAHNSON, CVD., 23.5 CM	1
LIGATURE FORCEPS, DE BAKEY, S-SH, 27 CM	1
ANASTOM. FORCEPS, DERRA, NO. 3, 17.5 CM	1
ATR. TANGENTIAL FORCEPS, SATINSKY, 22 CM	1
ATR. TANGENTIAL FORCEPS, SATINSKY, 26 CM	1
ATR. TANGENT. FORCEPS, SATINSKY, 26.5 CM	1
ATR. TANGENT. FORCEPS, SATINSKY, 27.5 CM	1
ATR. TANGENT. FORCEPS, SATINSKY, 28.5 CM	1
ATR. FORCEPS, POTTS, CVD., 23 CM	1
ATR. FORCEPS, POTTS, CVD., 26 CM	1
ATR. FORCEPS, POTTS, CVD., 31 CM	1
ATR. ANEURYSM FORCEPS, DE BAKEY, 31 CM	2
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

*The Instrument should be CE & FDA USA approved.
The Instrument and Container should be of the same parent company.
It should have reusable microbial barriers instead of disposable filters. The
microbial barriers should be easy to remove and clean.*

THORAX SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	10
TOWEL FORCEPS, TOHOKU, BLUNT, 10.5 CM	6
SCALPEL HANDLE, NO. 4, 13.5 CM	2
SCALPEL HANDLE, NO. 3L, LONG, 21.5 CM	1
TC-DISSECTING SCISSORS, CVD., 20.5 CM	1
TC-DISSECTING SCISSORS, CVD., 23 CM	1
TC-DISSECTING SCISSORS, CVD., 26 CM	1
TC-DISSECTING SCISSORS, CVD., 30 CM	1
TC-LIGATURE SCISSORS, CVD., SERR., 23 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., 14.5 CM	2
TISSUE FORCEPS, 1X2 T., 20.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 20 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 25 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 30 CM	2
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	6
FORCEPS, KOCHER, 1X2 T., STR., 14.5 CM	6
FORCEPS, KOCHER, 1X2 T., STR., 24 CM	2
FORCEPS, GROSS-MAIER, STR., 26.5 CM	2
PERITONEAL FORCEPS, MIKULICZ, 20.5 CM	4
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	1
DISS. FORCEPS, OVERHOLT, NO. 1, 20.5 CM	1
DISS. FORCEPS, OVERHOLT, NO. 4, 22 CM	1
DISSECT. FORCEPS, RUMEL, NO. 3, 23.5 CM	1
DISSECTING FORCEPS, RUMEL, NO. 4, 24 CM	1
DISS. FORCEPS, ZENKER, ST. CVD., 28.5 CM	1
DISS. FORCEPS, OVERHOLT, NO. 1, 27 CM	1
ATR. TANGENT. FORCEPS, SATINSKY, 26.5 CM	1
ATR. TANGENTIAL FORCEPS, SATINSKY, 22 CM	1
ATR. ANEURYSM FORCEPS, DE BAKEY, 31 CM	1
LIGATURE FCPS., DE BAKEY, S-SH., 24.5 CM	1
ATR. FORCEPS, POTTS, CVD., 26 CM	1
LIGATURE FORCEPS, DE BAKEY, S-SH, 27 CM	1
ATR. ORGAN SEIZING FORCEPS, 25 CM	1
ATR. TISSUE FORCEPS, ALLIS, 24.5 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 26.5 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 31 CM	1
TC-NEEDLEHOLDER, MASSON, 26.5 CM	1
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RIB SPREADER, BURFORD, ALU, 300 MM	1
RIB CONTRACTOR, BAILEY-GIBBON, 20 CM	1
LUNG SPATULA, ALLISON, 33 CM	2
STERNAL CHISEL, LEBSCHKE, 24.5 CM	1
MALLET, WILLIGER, 140 GR., 16.5 CM	1
RIB SHEARS, BRUNNER, RIGHT HAND, 32 CM	1
RIB RASPATORY, DOYEN, R., ADULT, 17 CM	1
RIB RASPATORY, DOYEN, L., ADULT, 17 CM	1
OSTEOTOME, MINI-LAMBOTTE, 15 MM, 17 CM	1
RASPATORY, SEMB, NO. 2, 12 MM, 22 CM	1
RASPATORY, SEMB, NO. 4, 13 MM, 22 CM	1
BONE HOLD. FORCEPS, SEMB, CVD., 19.5 CM	1
BONE CUTT. FORCEPS, LISTON, CVD., 22 CM	1
BONE RONGEUR, CVD., 22.5 CM	1

26

FC-SIDE NIPPER, W. TRANSM., 17.5 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 12 CH	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 14 CH	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 16 CH	1
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

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EMBOLECTOMY SET	1
FORCEPS, GROSS-MAIER, CVD., 26.5 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
TOWEL FORCEPS, TOHOKU, BLUNT, 10.5 CM	4
SCALPEL HANDLE, NO. 4, 13.5 CM	1
SCALPEL HANDLE, NO. 3, 12 CM	1
TC-DISSECTING SCISSORS, CVD., 14.5 CM	1
TC-DISSECTING SCISSORS, CVD., 17.5 CM	1
DISSECT. SCISSORS, FINE, S-SHAPE, 23 CM	1
SCISSORS, ANGLED 60°, 18 CM	1
TC-SCISSORS, MAYO-LEXER, CVD., 16 CM	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
ATR. FORCEPS, DE BAKEY, 2 MM, 16 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 14.5 CM	4
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	6
FORCEPS, KOCHER, 1X2 T., STR., 18.5 CM	2
DISS. FORCEPS, BABY-MIXTER, CVD., 18.5CM	2
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, DE BAKEY, 18 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 18.5 CM	2
RETR., VOLKMANN, SEMISH., 4-PR., 22.5 CM	2
RETRACTOR, LANGENBECK, 30X14 MM, 22 CM	2
RETRACTOR, LANGENBECK, 40X11 MM, 22 CM	2
RETRACT., KOCHER-LANG., 55X11 MM, 21.5CM	2
HOOKLET, CUSHING, 14 MM, 20.5 CM	1
SPREADER, ADSON, SHARP, 3X4 T., 26 CM	1
WOUNDSPREADER, SHARP, 3X4 T., 13.5 CM	1
RING STRIPPER, ROUND, Ø 2.0 MM, 50 CM	1
RETRACT., OLLIER, BL., 37X30 MM, 24.5 CM	1
RING STRIPPER, ROUND, Ø 4.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 6.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 7.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 8.5 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 10.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 12.0 MM, 50 CM	1
RING STRIPPER, ROUND, Ø 14.0 MM, 50 CM	1
HANDLE F. STRIPPERS, ROUND, 11.5 CM	1
DURA DISSECTOR, DAVIS, DBL., 24.5 CM	1
BULLDOG CLAMP, DE BAKEY, STR., 8.5 CM	2
BULLDOG CLAMP, DE BAKEY, CVD., 8.5 CM	2
ANASTOM. FORCEPS, DERRA, NO. 3, 17.5 CM	1
ATR. FORCEPS, LELAND-JONES, ANG., 18 CM	2
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
BOWL, METAL, H = 40, Ø 80 MM, 0.14 L	1
BOWL, METAL, H = 55, Ø 128 MM, 0.35 L	1
KIDNEY DISH, 250X140X40 MM	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 12 CH	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 14 CH	1
GUIDE NEEDLE, ANG., LANCET SHAPE, 16 CH	1
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
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28

LYMPHADENECTOMY SET	
FORCEPS, FOERSTER, SERR., STR., 25 CM	1
FORCEPS, FOERSTER, SERR., STR., 25 CM	4
TOWEL FORCEPS, BACKHAUS, SHARP, 13 CM	8
SCALPEL HANDLE, NO. 3, 12 CM	1
SCALPEL HANDLE, NO. 4, 13.5 CM	1
SCALPEL HANDLE, NO. 3L, LONG, 21.5 CM	1
SCISSORS, MAYO, STR., 17 CM	1
SCISSORS, MAYO, CVD., 17 CM	1
DISSECTING SCISSORS, CVD., 18 CM	1
DISSECTING SCISSORS, CVD., 20.5 CM	1
SCISSORS, SIMS, BL/BL, CVD., 23 CM	1
OPERATING SCISSORS, SH/BL, STR., 14.5 CM	1
DRESSING FORCEPS, 14.5 CM	2
DRESSING FORCEPS, 20 CM	1
TISSUE FORCEPS, 1X2 T., 14.5 CM	2
TISSUE FORCEPS, 1X2 T., 20.5 CM	1
TISSUE FORCEPS, ALLIS, 5X6 T., 15.5 CM	6
TISSUE FORCEPS, BABCOCK, 16 CM	2
HAEM. FORCEPS, MOSQUITO, STR., 12.5 CM	10
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	10
FORCEPS, CRILE-RANKIN, STR., 16 CM	4
FORCEPS, CRILE-RANKIN, CVD., 16 CM	4
FORCEPS, KOCHER, 1X2 T., STR., 26 CM	2
PARAMETRIUM CLAMP, BENT HEAVY, 26 CM	2
PARAMETRIUM CLAMP, ANGLED, 26 CM	2
DISS. FORCEPS, GEMINI, STR. CVD., 25 CM	1
PERITONEAL FORCEPS, MIKULICZ, 20.5 CM	4
RETRACTOR, FRITSCH, 45X75 MM, 25.5 CM	2
RETRACTOR, MIKULICZ, 125X50 MM, 25 CM	1
RETRACTOR, MIKULICZ, 160X50 MM, 25 CM	1
ABDOM. SPATULA, MALLEABLE, 40 MM, 33 CM	2
ABD. RETRACTOR, KIRSCHNER, CURVANG., CPL.	1
NEEDLEHOLDER, MAYO-HEGAR, 20.5 CM	1
NEEDLEHOLDER, MAYO-HEGAR, 24 CM	1
NEEDLEHOLDER, CRILE-WOOD, GROOVED, 15 CM	1
SUCTION TUBE, YANKAUER, COMPL., 31 CM	1
CONTAINER MS, 60X30X16 CM, HANDLE GREY	1
Tray DIN, 480x255x33 mm	1
Tray DIN, 480x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2
<i>The Instrument should be CE & FDA USA approved.</i>	
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29

SUPPLEMENT EMERGENCY THORACOTOMY	1
RASPATORY, SEDILLOT, CVD., 23 CM	1
RIB RASPATORY, DOYEN, L., ADULT, 17 CM	1
RIB RASPATORY, DOYEN, R., ADULT, 17 CM	1
RASPATORY, SEMB, NO. 2, 12 MM, 22 CM	1
RASPATORY, SEMB, NO. 5, 15 MM, 23 CM	1
BONE HOLDING FORCEPS, LANGENBECK, 21 CM	1
BONE RONGEUR, RUSKIN, CVD., 24 CM	1
RIB SHEARS, GIERTZ-STILLE, 24.5 CM	1
RIB CONTRACTOR/DISTRACT., SELLERS, 20 CM	1
LUNG SPATULA, ALLISON, 29.5 CM	1
ATR. ORGAN SEIZ. FCPS., SCHEIBE, 23 CM	2
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

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WOUND DRESSING SET LARGE	1
TAMPON FORCEPS, ULRICH, STR., 27 CM	2
TOWEL FORCEPS, BACKHAUS, SHARP, 11 CM	6
SCALPÉL HANDLE, NO. 4, 13.5 CM	2
HAEM. FORCEPS, MOSQUITO, STR., 12.5 CM	4
FORCEPS, MOSQUITO, 1X2 T., STR., 12.5 CM	4
HAEMOSTATIC FORCEPS, PEAN, STR., 14.5 CM	4
DISS. FORCEPS, MIXTER-BABY, CVD., 13 CM	2
DISS. FORCEPS, OVERHOLT, NO. 2, 20 CM	2
FORCEPS, KOCHER, 1X2 T., STR., 14 CM	4
RETRACTOR, DOUBLE, ROUX, NO. 1, 14.5 CM	2
RETRACTOR, DOUBLE, ROUX, NO. 2, 16 CM	2
RETRACTOR, DOUBLE, ROUX, NO. 3, 17 CM	2
RETRACTOR, LANGENBECK, 30X14 MM, 22 CM	2
RETRACTOR, VOLKMANN, SH., 4-PR., 22.5 CM	2
RETR., VOLKMANN, SEMISH., 6-PR., 22.5 CM	2
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	2
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	2
FORCEPS, POTTS-SMITH, 1X2 T., 18 CM	2
TC-DISS. SCISS., TOENNIS, CVD., 17.5 CM	1
STRABISMUS SCISS., BL/BL, CVD., 11.5 CM	1
TC-SCISSORS, LEXER, FINE, CVD., 16 CM	2
RASPATORY, FARABEUF, STR., 15.5 CM	1
BONE CURETTE, VOLKM., OVAL, NO. 1, 17 CM	1
BONE RONGEUR, ZAUFAL-JANSEN, 18 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
TC-NEEDLEHOLDER, MAYO-HEGAR, 20 CM	1
PROBE, BUTTON END, Ø 2.0/2.0 MM, 20 CM	1
NEEDLE CASE, ROUND, PERF., F. 55-309-65	1
KIDNEY DISH, 250X140X40 MM	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

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SUTURE REMOVING SET	1
KIDNEY DISH, 250X140X40 MM	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
DRESSING FORCEPS, MEDIUM WIDE, 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	1
IRIS SCISSORS, SH/SH, STR., 11.5 CM	1

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The Instrument and Container should be of the same parent company.

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WOUND DRESSING SET SMALL	1
SCALPEL HANDLE, NO. 3, 12 CM	1
OPERATING SCISSORS, SH/BL, CVD., 14.5 CM	1
DISSECT. SCISSORS, BL/BL, CVD., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., 14.5 CM	1
TISSUE FORCEPS, 1X2 T., SLIM, 14.5 CM	1
DRESSING FORCEPS, DELICATE, 14.5 CM	1
SPLINTER FORCEPS, FEILCHENFELD, 9 CM	1
TOWEL FORCEPS, TOHOKU, BLUNT, 10.5 CM	2
HAEM. FORCEPS, MOSQUITO, CVD., 12 CM	2
FORCEPS, PEAN, DELICATE, CVD., 16.5 CM	1
FORCEPS, KOCHER, 1X2 T., CVD., 16 CM	1
FORCEPS, GROSS-MAIER, STR., 22.5 CM	1
TC-NEEDLEHOLDER, CRILE-WOOD, 15 CM	1
RETRACTOR, DELIC., SHARP, 2-PR., 16.5 CM	2
WOUNDSPREADER, BLUNT, 3X4 T., 13.5 CM	1
BOWL, METAL, H = 30, Ø 61 MM, 0.07 L	1
CONTAINER MS, 30X30X14 CM, HANDLE GREY	1
Tray 1/2, 243x255x73 mm	1
COLOR-TAG, RED	2
CODING LABEL, WITH TEXT, WITHOUT HOLE	2

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The Instrument and Container should be of the same parent company.

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Tender Technical Specifications for Laparoscopic Set :

1.1. TELESCOPES : H.D

1. 5 mm & 10 mm diameter, 30-35 cm long, 30 degree angle of view : **2 Each.**
2. Low risk of object burn.
3. Colour coded for identification.
4. Autoclavable.
5. Fiberoptic light transmission incorporated.

1.2. INSUFFLATOR : **2** No. (TWO)

1. Fully automatic, electronically controlled gas fill.
2. Flow rate of 30-40 litres per minute.
3. Optical and acoustic warning signals in case of malfunction or excessive pressure.
4. Connectible to medical gas pipeline.
5. Control by keys on front panel.
6. Clear and adjacent display of actual and preset flow rate, actual and preset pressure, gas consumed.
7. Facility for preheating of gas to body temperature.
8. Facility for easy evacuation of smoke and mist.
9. Memory for retention of previous pressure settings.
10. Should include pin-index connection to small / big gas cylinder with regulator, high pressure hose, mains cord, silicone tubing set, universal wrench and gas filter.

1.3. LIGHT SOURCE : **2** No. (TWO)

1. LED ~~or~~ 300 watts.
2. Manual and automatic adjustment of light intensity.
3. Lamp life 500 hrs or more.
4. Display of lamp life/Bulb usage meter warning light.
5. Standby mode with emergency lamp with visual indicator.
6. Long (250 cm or more) fluid and fibre-optic light cable of diameter 4.8-5 mm.

1.4. SUCTION – IRRIGATION UNIT : **2** No. (TWO)

1. Pump for irrigation and suction.
2. Maximum irrigation pressure 400 mm Hg.
3. Suction pressure 0.75 bar. *and above*
4. Control from control panel and / or foot pedal.
5. Overflow protection on suction bottles.
6. Accessories should include silicone tubings, bacterial filter and bottles with cap.

1.5. VIDEO – CART : **2** No. (TWO)

- a. Made of Stainless Steel / Epoxy coated metal.
- b. Portable on 4 antistatic dual castors, 2 with locking brakes.
- c. Required number of shelves for housing all the units of the set.

(34)


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M.S.D.P.A. F.I.C.S.
ASSOCIATE PROFESSOR
DEPARTMENT OF SURGERY, RIMS, Ranchi

- d. Adjustable arm for fixation to either side for fixing the TFT monitor.
- e. One drawer unit with lock and key.
- f. Cable Manager.
- g. Power box with concealed wiring for providing electrical connections of proper rating to all the units.

1.6. **IMAGE MANAGEMENT SYSTEM : 1 No. (TWO)**

- a. Documentation system for digital storage of still images, video sequences and audio files.
- b. Latest processor & HDD, which should be specified.
- c. Largest possible RAM, which should be specified.
- d. Integrated DVD / CD writer with maximum speed which should be specified.
- e. Compact key board with drape.
- f. Cordless mouse.
- g. All types of connecting cables (BNC, DVI) and connectors, which should be specified.
- h. Flat screen colour monitor of 1024 x 768 resolution with all connectors and connection cables (BNC, S-VIDEO(Y/C), VGA), which should be specified.
- i. Separate mobile cart with lock and key for housing all the components of the image management system.

J. With three chip HD camera and Visual Monitor.

HAND INSTRUMENTS & OTHER ACCESSORIES :

Sl. No. :	Instrument :	Specifications :	Quantity :
1.	Reusable Veress 10 & 13 cm Pneumoperitoneum Needle.	Spring loaded blunt stylet luer lock length 10 / 15 cm.	01 Each. (TWO)
2.	Reusable Trocar : 5 mm.	Multifunctional valve, insufflation stopcock and threaded sleeves, pyramidal tip, length (10.5 cm).	06 No. (SIX)
3.	Reusable Trocar : 10 / 11mm & 12 mm.	Multifunctional valve, insufflation stopcock and threaded sleeves, pyramidal tip, length (10.5 cm).	02 No. Each. (TWO)
4.	Safety Trocar with Port.	10 mm length approx 10.5 mm.	02 No. (TWO)
5.	Spare Sealing Trocar Caps for Trocar.	5 – 6 mm.	06 No. (SIX)
6.	Spare Sealing Trocar Caps for Trocar.	10 – 11 mm.	04 No. (FOUR)
7.	Reducer Sleeve.	10 / 11 mm to 5 / 4 mm.	02 No. (TWO)
8.	Reducer Sleeve.	12 mm to 6 / 5 mm.	02 No. (TWO)
9.	Suction and Irrigation Cannula.	Size 5 mm, length 36 cm, used with suction and irrigation handle.	02 No. (TWO)
10.	Grasping Forceps – Toothed 2 x 4 Teeth.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No. (TWO)

11.	Grasping Forceps – Toothed 2 x 3 Teeth.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
12.	Maryland Forceps.	Double action jaws , rotating with connector pin for unipolar coagulation, size 5mm, length 33-36cm, dismantling facility.	02 No.
13.	Grasping Forceps – Atraumatic.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
14.	Grasping Forceps – Allis.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility	02 No.
15.	Grasping Forceps – Rt Angled.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
16.	Grasping Forceps – Mixer.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
17.	Grasping Forceps – Plain Dissection & Grasping.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
18.	Grasping Forceps – Babcock.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
19.	Fan Shaped Retractor.	Rotating, size 5 mm, length 33 - 36 cm, dismantling facility.	01 No. ✓
20.	Nathanson Liver Retractor.	Set of four sizes (45, 55, 78, 95 mm), sandblasted to eliminate light reflection.	01 No. ✓
21.	Hook Scissors.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
22.	Micro Scissors.	Single / Double action jaws, size 5 mm, length 33 – 36 cm.	01 No. ✓
23.	Laparoscopic Knife.	5 mm, 30 – 36 cm length.	01 No. ✓
24.	Rotating Metzenbaum Scissors.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	01 No. ✓
25.	Bipolar Coagulating Forceps.	Size 5 mm, length 33 – 36 cm fenestrated.	01 No. ✓
26.	Bipolar Coagulating Forceps.	Size 5 mm, length 36 cm, 3 mm width of jaws.	01 No. ✓

27.	Maryland Bipolar.	Double action jaws, rotating with connector pin for bipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	01 No.
28.	CO2 Connector.	Compatible with CO2 "B" type cylinder.	02 No.
29.	High Frequency Cord.	For 5 mm & 10 mm hand instruments with monopolar electrodes, spatula tip.	02 No.
30.	High Frequency Cord.	For 5 mm & 10 mm hand instruments with monopolar electrodes, hook tip.	02 No.
31.	Knot Pushers.	Eye type, length 33 – 36 cm.	01 No. ✓
32.	Needle Holder Coaxial Type.	Size 5 mm, tungsten tip, straight handle with ratchet, single moving jaw, length 33 – 36 cm.	02 No.
33.	Assistant Needle Holder.	Size 5 mm, tungsten tip, straight handle with ratchet, single moving jaw, length 33 – 36 cm.	02 No.
34.	Clip Applicator – Medium Large.	Rotatable, provision for locking the shaft conveniently, 10 mm, compatible with clip LT 300.	02 No.
35.	Trocar under optical vision:	Trocar with endo tip size: 10mm & 5 mm, cannula rotatable with multifunction valve, working length: 11cm. The endo tip cannula should compatible with 10mm telescope for under vision entry into peritoneum.	02 No. each ✓ One No.
36.	Grasping Forceps – Toothed 2x3 Teeth.	Double action jaws, rotating with connector pin for unipolar coagulation, size 10 mm, length 33 – 36 cm, dismantling facility.	02 No.
37.	Grasping Forceps – Toothed 2x4 Teeth.	Double action jaws, rotating with connector pin for unipolar coagulation, size 10 mm, length 33 – 36 cm, dismantling facility.	02 No.
38.	Suction Irrigation Cannula.	10 mm.	02 No.
39.	Babcock Grasper.	Double action jaws, rotating with connector pin for unipolar coagulation, size 5 mm, length 33 – 36 cm, dismantling facility.	02 No.
40.	Stone Extractor.	10 mm single / double action Jaws.	02 No.
41.	Hassan Cone.	Adaptable to 10 mm trocar.	01 No. ✓
42.	Bowel Grasper.	10 mm fenestrated, rotatable.	01 No. ✓
43.	Blunt Obturator.	For 11 mm port.	02 No.
44.	L – Hook.	Size 5 mm, length 33 – 36 cm with pin for cautery. Well insulated hook with small un- insulated working part.	02 No.
45.	Spatula.	Size 5 mm, length 33 – 36 cm with pin for cautery.	01 No. ✓
46.	Fascia Closure Instrument.	Size 2.8 mm, length 17 cm.	01 No. ✓
47.	Washers.	For 5 & 10 mm cannula and reducers.	01 No. Each ✓
48.	Container Systems : Metal &	For sterilization and storage of telescopes, hand	02 No.

	Plastic.	instruments and other accessories, Different sizes.	
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2. System Configuration Accessories, Spares and Consumables :

- 2.1. System as specified.
- 2.2. **RATES OF ALL THE ITEMS SHOULD BE QUOTED INDIVIDUALLY.**
- 2.3. **RATES OF DISPOSABLES AND CONSUMMABLES TO BE QUOTED SEPERATELY AS WELL**

3. Standards, Safety :

- 3.1. **Should be USFDA & CE, UL approved product and from the same company**
- 3.2. Electrical safety conforms to standards for electrical safety IEC 60601-1 General Requirements (or equivalent BIS Standard).
- 3.3. Shall meet internationally recognized standard for Electro Magnetic Compatibility (EMC) for electro medical equipment : IEC-60601-1-2 : latest edition Or Equivalent BIS) or should comply with 89 / 366 / EEC; EMC – directive as amended.
- 3.4. Certified to be compliant with IEC 60601-2-2 Medical Electrical Equipment Part 2-2 : Particular requirements for the safety of equipment mentioned above – wherever applicable.

4. Documentation :

- 4.1. Product Literature in original along with that of accessories and indigenous components if any. Photocopies / computer generated copies are not acceptable.
- 4.2. Statement of compliance with tender specifications with clear and unambiguous links to relevant portions of product literature / authentic document, which should be highlighted. Alternatives provided for noncompliant specifications with justification must be described in detail with supporting literature.
- 4.3. Certificate of compliance with standards and approvals stated above.
- 4.4. Certificate of manufacturer/principal regarding authorization of service facility provided by the supplier.
- 4.5. List of Equipment available in the Service Centre for providing calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual.
- 4.6. List of important spare parts and accessories, which are required for maintenance and repair, with their part number and costing.
- 4.7. Terms and conditions of warranty and CMC including schedules of visit by service personnel with check list of services to be carried out.
- 4.8. Commitment for supply of log book with check list for daily, weekly, monthly and quarterly preventive maintenance with contact details of service personnel along with the equipment. The job description of the hospital technician and company service engineer should be clearly spelt out in the log book.
- 4.9. List of users of quoted model with performance certificate from major hospitals.

OPTIONAL ITEMS TO BE QUOTED ALONG WITH THE SET

Specifications for rapid instrument sterilant

It should be a powder system to be mixed with normal water for the safe and rapid sterilization of medical devices.

It should be proven effective against bacteria (including mycobacteria), viruses, spores and fungi.

It should be non-damaging to sensitive instruments and compatible with automated endoscope reprocessors.

It should be virtually odour-free and non-sensitizing whilst retaining the effectiveness.

It should not present any long-term health risks to staff obviating the need for costly extraction equipment, disposal and occupational health monitoring.

It should address all the criteria for disinfection of medical devices for which autoclaving is neither possible nor practical.

It should be a rapid instrument compatible, user and totally environment friendly and bio-degradable chemical.

CHEMICAL COMPOSITION:

It should be a peroxygen system generating peracetyl ions in equilibrium at pH 8.0 equivalent to peracetic acid 0.26%. The prepared solution should also contain hydrogen peroxide and acetic acid & decompose to carbon dioxide and water.

Mode of action: By oxidation of proteins by hydrogen peroxide acid.

Shelf-life – At least one year from the date of manufacture

Life of Solution: As per good Infection Control practice solutions must be discarded after 24 hours use.

SURFACE DISINFECTANT SPECS

NON TOXIC HIGH LEVEL ALDEHYDE FREE 10 MINUTES THEATRE STERILIZING POWDER

Features:

It should be a granular powder containing an optimized synergistic mix of in-organic salts, surfactant and perfume. The main oxidizing agent is potassium monoperoxysulphate.

It should be possessing the widest spectrum of any disinfectant available coupled with a high degree of safety to the user.

It should be compatible with wide range of materials including stainless steel, plastics and rubber and can be used on any surface. It should be also indicated for general laboratory use and decontamination of body fluid handling.

It should be totally environment friendly and bio-degradable.

It should possess the following properties

- Non irritant to skin and eyes.
- Should not possess any toxic rapport phase.
- It should have extremely low oral toxicity.
- It should protect staff and patients from all pathogen challenge.
- It can be used in cleaning and disinfection of all hard surfaces (walls, floors, trolleys, locker tops, equipment exteriors etc).

- General laboratory usage (Fumigation of OT / ICCU / Wards etc).
- Routine decontamination of body fluid handling devices (Renal Dialysis Machine, Blood Analyses, Blood Bank Equipment etc).
- It's efficacy should be proven by world wide independent testing programme.
- It should have a wide spectrum of activities, should be proven effective against multiple different strains of virus falling into various virus families, different strains of bacteria in various genera, different strains of fungi in various genera.

Chemical Compositon:

It should be a balanced stabilized blend of peroxygen compounds, surfactant, organic acids and an inorganic acids and an inorganic buffer system.

- | | |
|--|-----------------------|
| • Triple salt of potassium monopersulphate | Oxidising agent |
| • Sulphamic acid | Organic acid/catalyst |
| • Malic acid | Organic acid/catalyst |
| • Sodium hexametaphosphate | Buffering agent |
| • Sodium dodecyl benzene sulphonate | Surfactant |
| • Sodium chloride | Surfactant |

Mode of Action:

It should be by oxidation of proteins and other components of cell protoplasm, resulting in inhibition of enzyme systems and loss of cell wall integrity.

To,

Dated – 15/12/2016

The Director,
Rajendra Institute of Medical Sciences,
Bariatu, Ranchi.

SUB : Submission of list of equipments and Products required for department of Surgery.

Respected Sir,


In reference to the letter no. 13277 dated 06.12.16 we would like to place our requirement for the upcoming tender.

The list of items along with the specifications is attached herewith for your perusal and necessary action.


Kindly do the needful and oblige.

Best Regards

Yours Sincerely,


15/12/16
Dr. R.X. Baxla
H.O.D – Dept. of Surgery
Prof. & H.O.D.
Surgery, RIMS
Ranchi

Sup. self-quotation may also be included in this tender as per same specifications as submitted earlier


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41

Sl. NO-3

ULTRASONIC CUTTING AND COAGULATING DEVICE WITH ADVANCE BIPOLAR VESSEL SEALING SYSTEM

- System should have a universal generator to connect Ultrasonic energy and Advanced RF (advance bipolar) energy instruments.
- Ultrasonic and bipolar energy in the system must work separately and at no point in combination.
- Ultrasonic energy should be capable of sealing 7mm blood vessel
- RF energy should be capable of sealing 7mm blood vessel.
- System should have automatic instrument recognition.
- System should be CE approved.
- System should have a touch screen display for fast and setup, operation and on-screen diagnostics.
- System should have a high-resolution display with wide viewing angles.
- System should have the ability for software updates via USB memory stick.
- System should be a single generator that provides Ultrasonic energy and Advanced RF energy technology for soft tissue dissection and vessel sealing as well as lymphatic sealing capability.
- System should provide Class 1 protection against electric shock
- System should have a single footswitch for operating ultrasonic energy or advanced RF energy instruments
- System should have the ability to select handswitch or footswitch activation or both for Ultrasonic and advanced RF energy instruments and the ability to change selection during use
- System should not have minimal lateral thermal spread more than 1 mm.
- System should come equipped with system diagnostics and troubleshooting guide to pin point any problems in the systems.
- System should have onscreen warning display system for generator overheating, generator software upgrade, handpiece errors and instrument errors
- System should be able to power ultrasonic energy instruments with 47 to 60 KHz frequency and have the ability to power ultrasonic energy instruments through 30 to 100 micron of displacement.
- The hand piece for the system should come with an inbuilt transducer.
- System should be compatible for open surgery and for laparoscopic surgery.
- System should be compatible with both 5mm and 10mm instruments.
- System should have different power settings levels with power level display for ultrasonic energy instruments.
- System should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology.
- System should be equipped with smart advanced RF energy technology to measure the tissue impedance and control the power delivery.
- System should be equipped with advanced RF energy technology that can simultaneously seal and transect vessels up to and including 7mm, large tissue pedicles and vascular bundles.
- System should be equipped with advanced RF energy technology that provides temperature controlled energy delivery and temperature should not exceed 100°C.

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42

- System should have Advanced RF Energy hand instruments with a unique electrode configuration to minimize the lateral thermal spread (should not be more than 1mm of lateral spread each side)
 - System should have Advanced RF Energy hand instruments with technology to deliver high compression uniformly across seal area.
 - System should have Advanced RF Energy hand instruments that provide tissue / vessel seal strength to withstand bursting pressure of 7 times the systolic pressure.
 - All hand probes for open and lap procedures should be able to simultaneously cut and coagulate tissues.
 - System should be able to power advanced RF energy hand instruments of 5mm shaft diameter for both open & laparoscopic procedures and should be both hand & foot activated.
 - Systems should be able to power ultrasonic and advance bipolar energy for both open & laparoscopic procedures and comprised of following:
- System should comprise of the following Hardware:
 - 1 Generator
 - 2 Footswitch & Cable
 - Accessories:
 - 1 Handpiece (Transducer)
 - 2 Handpiece (Blue)
 - 3 Generator Cart
 - 4 Adaptors for ultrasonic
 - 5 advanced RF energy instruments

Open Surgery Instruments (Ultrasonic cutting and coagulation device):

1. 9cm shaft, curved, tapered tip for precise dissection, seals 5 mm vessels, as well as lymphatic with 16 mm active blade & 240-degree activation, triggers support multiple hand positions.

Open Surgery Instruments (Bipolar advance vessel sealing device):

1. Hand probes with 5mm shaft diameter, 25cm long with 5mm tip width.

Laparoscopic Surgery Instruments (Ultrasonic cutting and coagulation device):

1. 5mm Lap Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 5mm in diameter, 36 cm shaft length, ergonomic handle.
2. 5mm Lap Hand Activated Curved Coagulating Shears capable of sealing blood vessels upto 7 mm in diameter, 36 cm shaft length, ergonomic handle.

Laparoscopic surgery instrument (Bipolar advance vessel sealing device):


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43

1. Articulating Laparoscopic probe probes with 5mm shaft diameter, 35cm long with 5mm tip width, Probe should have ability to rotate 360* and articulate 45*to 50* both sides.
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44

Sl. NO-4

Linear Staplers (all sizes) for Open & lap surgery

1. Linear stapler 30mm^{45mm} with controlled tissue compression accommodates tissue between 1.0 mm – 2.5 mm, parallel jaw closure, longer staple legs, locking trigger in handle & remote retaining pin, heavy wire option.
2. Linear stapler 60mm with controlled tissue compression accommodates tissue between 1.5 mm – 2.5 mm, parallel jaw closure, longer staple legs, locking trigger in handle & remote retaining pin, heavy wire option.

Cartridge for Linear Staplers

1. linear stapler standard cartridge 30 mm with yellow (Heavy) reloads compatible with Linear Stapler 30 mm.
2. linear stapler standard cartridge 60 mm with yellow (Heavy) reloads compatible with Linear Stapler 60 mm.

Linear Cutters (all sizes) for Open & lap surgery

1. Reusable 55-60 mm linear cutter & stapler complete set with autoclavable Handle, Blue & Green reload, knife & no knife module.
2. Selectable staple height linear cutter 55-60 mm having 6 rows of staple line, having cartridge with selectable closed staple height of (1.5 mm/1.8 mm/ 2 mm) & integrated new knife blade. Linear cutter gives intermediate locking position for easy issue manipulation & two sided firing for easy handling,
3. Selectable staple height linear cutter 75-80 mm having 6 rows of staple line, having cartridge with selectable closed staple height of (1.5 mm/1.8 mm/ 2 mm) & integrated new knife blade. Linear cutter gives intermediate locking position for easy issue manipulation & two sided firing for easy handling

Cartridge for Linear Cutters for Open Surgery

1. Universal linear cutter cartridge 55-60mm with option of closed staple height of 1.5 mm /1.8 mm/2 mm compatible with selectable staple height linear cutter 55-60 mm.
2. Universal linear cutter cartridge 75-80mm with option of closed staple height of 1.5 mm /1.8 mm/2 mm compatible with selectable staple height linear cutter 75-80 mm.


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45

Laprosopic Staplers

60 MM ENDO CUTTER – STRAIGHT AND WITH ARTICULATION

45 MM ENDO CUTTER – STRAIGHT AND WITH ARTICULATION

Cartridges for Lap. Staplers

60 MM BLUE CARTRIDGE FOR 60 MM STAPLER

60 MM GOLD/^{BLUE}CARTRIDGE FOR 60 MM STAPLER

60 MM GREEN CARTRIDGE FOR 60 MM STAPLER

60 MM WHITE CARTRIDGE FOR 60 MM STAPLER

45 MM BLUE CARTRIDGE FOR 45 MM STAPLER

45 MM GOLD/^{BLUE}CARTRIDGE FOR 45 MM STAPLER

45 MM GREEN CARTRIDGE FOR 45 MM STAPLER

45 MM WHITE CARTRIDGE FOR 45 MM STAPLER

ALL THE ABOVE SHOULD BE USFDA APPROVED


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46

SL. NO. 5

Circular Staplers (All Sizes)

Intra - Luminal Staplers with Curved shaft anvil detachable with 3 row

21 mm with Lumen Size 12.4 mm

25 mm with Lumen size 16.4 mm, 25 mm with lumen size 20.4.

~~28~~ mm

29 mm

~~31~~ mm

32 mm Lumen size 24.4 diameter head.

~~33~~ mm

With adjustable staple height (1.0 - 2.5 mm) for controlled tissue compression, longer staple leg 5.5 mm.

Non- slip gripping surface.

Minimal Invasive procedure for hemorrhoids Stapler III ^{Stapler II} Rows size 34 ^{33mm} mm

- Should circumferentially mounted blade assembly pushing razor sharp sharp steel cutting blade, plus rounded edges to internal housing.
- Should stainless steel anvil shaft maximizes stability during firing and clamping.

Skin Stapler & Staple remover

1. Multi -directional disposable skin stapler with coated rectangular staples having dimension of 7.0 mm x 4.5 mm with 35 numbers of staples with alignment indicator.
2. Squeeze Handle Staple extractor

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(47) of 47