

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Health, Medical & Family Welfare Department –Material & Supplies – New Procurement Policy – List of Essential Surgical List (ESL) and Additional Surgical List(ASL) -2021 – Orders – Issued.

HEALTH, MEDICAL & FAMILY WELFARE(H.2) DEPARTMENT

G.O.RT.No. 74

Dated: 16-02-2021

Read the following:-

1. G.O.Rt.No.1357, HM&FW(M1) Dept., dated:19-10-2009.
2. G.O.Ms.No.153. HM & FW Department, dated:28-07-2012.
3. G.O.Ms.No.51, HM & FW (M1) Department, dated: 28.02.2014.
4. G.O.Ms.No.137, HM & FW (H.2) Dept., dated.20.11.2019
5. G.O.Ms.No.138 HM & FW (H2) Dept., dated: 22.11.2019.
6. From the Director of Medical Education, A.P., Vijayawada, Lr.Rc.No.7472/ SP/2021, dated: 25-01-2021.

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ORDER:

In the circumstance reported by the Director of Medical Education, A.P, Vijayawada in the letter 6th read above, Government after careful examination of the proposal, hereby approve the Final Essentials Surgical List consisting of 292 items, Additional Surgical List consisting of 49 items and Surgical Instrument List consisting of 37 items are appended to this order as Annexure-I, Annexure-II and Annexure-III respectively for the year 2021.

2. The Director of Medical Education, A.P, Vijayawada and Managing Director, Andhra Pradesh Medical Services & Infrastructure Development Corporation, Mangalagiri, Guntur shall take necessary further action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ANIL KUMAR SINGHAL

PRINCIPAL SECRETARY TO GOVERNMENT

To

The Director of Medical Education, A.P., Vijayawada.

The Commissioner of H & FW, Govt. of A.P, Vijayawada.

The Managing Director, APMSIDC, Mangalagiri.

The Director of PH & FW, A.P., Vijayawada.

The Commissioner of APVVP, Vijayawada.

The Director General, DCA, Chittugunta, Guntur.

The Director(FAC), IPM PH Labs & F(H) Admn., A.P., Vijayawada.

The Project Director, APSACS, A.P., Vijayawada.

The Commissioner of AYUSH,

The Chief Executive Officer of Rajiv Arogya Sri Trust, Vijayawada.

The Director of India Institute of Health and Family Welfare, Hyderabad.

The Director of SVIMS/RIMS.

The Chief Executive Officer of EMRI, Mangalagiri, Guntur District.

Copies to:-

The OSD to Hon'ble Dy.C.M. (HFW&ME)

The Prl.Secretary, Finance(FP) Deptt.,

The Prl.Secretary, WD & CW Department.

The Prl.Secretary, MA & UD Department.

The Prl. Secretary, Rural Development Deptt.,

The Prl. Secretary, Labour and Employment Deptt.,

The Chief Executive Officer, A.P. Society for Eradication of Rural Poverty.

The Commissioner of Labour,

The Commissioner of Tribal Welfare.

The P.S to Prl. Secretary to Govt., HM&FW Deptt.,

SF.SC.

//FORWARDED :: BY ORDER//

SECTION OFFICER

(Contd..Annexure – I, II & III)

ANNEXURE -I, II, III, to G.O.RT.No.74, HM&FW(H.2) Department, Dated: 16-02-2021.

FINAL ESSENTIAL SURGICAL LIST

ANNEXURE -I

Sl. No	Item Name	Description	Strength / Specification	Category
1	Abdominal Drain Kit- 24 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2 ltrs. A loop to hang the bag on the cot.	ESL
2	Abdominal Drain Kit: 28 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2ltrs. A loop to hang the bag on the cot.	ESL
3	Abdominal Drain Kit: 32 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2ltrs. A loop to hang the bag on the cot.	ESL
4	Absorbable gelatin sponge	Box of 20 Foil	Does not contain any carcinogenic materials or less than 1ppm of Formaldehyde and is sterilized by dry heat with less than 0.5EU/Device.(Size 7CM X5CM 1Cm)/ sterile, non toxic, pyrogen freeUS/FDAApproved	ESL
5	Absorbable, Braided, violet, PGA(Polyglycolic acid) Sterile, surgical suture 1/0 (Suture code: 2338)	Box of 12 Foil	1/2 Circle, Round body, 30mm Needle, Suture Length 90cm	ESL
6	Absorbable, braided, violet, PGA,, Sterile, Surgical suture 2-0 (Suture code: 2317)	Box of 12 Foil	1/2 circle, Round body, 30mm needle, Suture Length 90cm	ESL
7	Adhesive Plaster Woven Fabric (Size: 10cms x 10mts)	Box of 3 Rolls	Size:10cm x 10mts	ESL
8	Adhesive Plaster Woven Fabric (Size:5cm x 10mts)	Box of 6 Rolls	Size:5cm x 10mts	ESL
9	Ambu Bag (Silicon) Adult	Each	With Mask e valve and reservoir adult and provision for supply of supplement oxygen	ESL
10	Ambu Bag (Silicon) Pediatric	Each	With Mask e valve and reservoir and provision for supply of supplement oxygen	ESL
11	Ambu Bag (Silicon) Neonatal	Each	With Mask e valve and reservoir and provision for supply of supplement oxygen	ESL
12	Anaesthesia circuits (Adult Ventilator circuits)	Each	Sterile, Disposable closed circuits(Adult Ventilator circuits)	ESL

13	Anaesthesia circuits (Paediatric Ventilator circuits)	Each	Sterile, Disposable closed circuits (Ventilator circuits)	ESL
14	Epidural Kit	Each	Sterile, Disposable kit Including standard LOR syringe, Epidural catheter of Length 1000 mm, Hydrophobic 0.2micron filter for additional safety & control against microbial infections with Filling volume of 0.45 ml, tuohy needle provided with clear depth marking for accurate insertion depth reading, Polished inner bevel edge, Detachable Connector. Separate twist lock connector for safe & secure attachment to the catheter for convenience of the procedure. (Size:16G)	ESL
15	Epidural Kit	Each	Sterile, Disposable kit Including standard LOR syringe, Epidural catheter of Length 1000 mm, Hydrophobic 0.2micron filter for additional safety & control against microbial infections with Filling volume of 0.45 ml, tuohy needle provided with clear depth marking for accurate insertion depth reading, Polished inner bevel edge, Detachable Connector. Separate twist lock connector for safe & secure attachment to the catheter for convenience of the procedure. (Size:18G)	ESL
16	B.B. Silk Reel -1	Box of 6 Reels	6 Reels X 25mtr	ESL
17	B.B. Silk Reel -2 -0	Box of 6 Reels	6 Reels X 25mtr	ESL
18	B.B. Silk Reel -3 -0	Box of 6 Reels	6 Reels X 25mtr	ESL
19	Bandage, "POP"	Each	15cm X 2.7mt	ESL
20	Bandage, POP.	Each	10cm X 2.7mt	ESL
21	Barbour's Linen thread Size No 20	Each	Size: 20No (Check from OT)	ESL
22	Blades, Surgical S.S. No.11	Box of 100	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
23	Blades, Surgical S.S. No.15	Box of 100	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
24	Blades, Surgical S.S. No.22	Box of 100	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
25	BP Cuff size: Adult	Each	size: Adult	ESL
26	BP Cuff size: Paediatric	Each	size: Paediatric	ESL
27	Chromic Cat Gut, Sterile, Surgical Suture 1/0 (Suture code: 4254)	Box of 12 foiles	1/2 Circle Round Body, 30mm Heavy Needle, Suture length 76cms	ESL
28	Chromic Cat Gut, Sterile, Surgical Suture 1 (Suture code: 4259)	Box of 12 Foils	1/2 circle Round Body, 40mm heavy needle, Suture length 76cms	ESL
29	Chromic Cat Gut, Sterile, Surgical Suture 2-0 (Suture code: 4241)	Boxes of 12 Foils	1/2 circle Round Body, 30mm needle, Suture length 76cms	ESL

30	Protective Disk with CHG 4mm	Box of 10foils	Protective Disk with CHG is a hydrophilic polyurethane absorptive foam with 92 mg, chlorohexidine gluconate (CHG) 1 inch disk (2.5cm) , 4mm center hole with radial slit	ESL
31	Vicryl suture double Arm 7/0	Each	7/0 Vicryl suture double Arm Port closure size should be 1	ESL
32	Absorbable surgical suture USP sterilized surgical needle suture Size 6-0	Box of 12 Foils	Undyed Monofilament 3/8 circle reverse cutting 16 mm Needle violet bridged coated - 45cm Poliglecaprone	ESL
33	Absorbable surgical suture USP (Synthetic) sterilized surgical needle suture 0	Box of 12 Foils	Sterilized surgical needle suture (coated braided polyglycolic acid suture) - 40 heavy needle (Size 1-0, 90cm, 1/2 Circle RB 40mm Heavy)	ESL
34	Flowable hemostat matrix	Each	Absorbable Gelatin based Topical Absorbable flowable hemostat with 6cc syringe pre-filled with hemostatic matrix. With 14.3 cm white applicator tip & 14.6 cm blue flexible applicator tip	ESL
35	Proline suture double Arm 10/0	Each	10/0 Proline suture double Arm	ESL
36	Catheter, Suction Nelton with lateral eye size: 12mm, 54 cms length	Each	Sterile, Disposable, 12mm, 54 cms length	ESL
37	Catheter, Suction Nelton with lateral eye size: 14mm, 54 cms length	Each	Sterile, Disposable, 14mm, 54 cms length	ESL
38	Catheter, Suction Nelton with lateral eye size: 18mm, 54 cms length	Each	Sterile, Disposable, 18mm, 54 cms length	ESL
39	Catheter, Suction Nelton with lateral eye size: 8mm, 54 cms length	Each	Sterile, Disposable, 8mm, 54 cms length	ESL
40	Catheter, Urinary Size: 12 (Self Retaining Foleys)	Each	Sterile, Disposable, Size: 12 Foley's, as per IS No:11497-1995	ESL
41	Catheter, Urinary Size: 20 fr 3way	Each	Sterile, Disposable, Size: 20 Foley's, as per IS No:11497-1995	ESL
42	Foleys Catheter silicone No.12	Each	Sterile, Disposable, Size: 12 Foley's, as per IS No:11497-1995	ESL
43	Foleys Catheter silicone No.14	Each	Sterile, Disposable, Size: 14 Foley's, as per IS No:11497-1995	ESL
44	Foleys Catheter silicone No.16	Each	Sterile, Disposable, Size: 16 Foley's, as per IS No:11497-1995	ESL
45	Foleys Catheter silicone No.18	Each	Sterile, Disposable, Size: 18 Foley's, as per IS No:11497-1995	ESL
46	Cellulose for Haemostasis (Size: 7.6cm X 10.2 cm)	Box of 24 foils	Oxidized Regenerated Cellulose, strongly knitted and absorbable Haemostat, Size: 7.6cm X 10.2 cm) USFDA APPROVED	ESL
47	Closed wound Suction Drain No.10	Each	Closed wound Suction Drain No.10 - Twin Tubes	ESL
48	Closed wound Suction Drain No.12	Each	Sterile, Disposable, 800ml bellow Chamber with connector with connecting kink resistant tube with clamp and Y connector, curved trocer with safety cap with redon drain catheter with a loop	ESL

			for hanging the drain to cot, Redon drain catheters are provided with radio opaque line and satin smooth eyes. Spare perforated redon catheter.	
49	Closed wound Suction Drain No.14	Each	Closed wound Suction Drain No.14 - Twin Tubes	ESL
50	Closed wound Suction Drain No.16	Each	Sterile, Disposable, 800ml bellow Chamber with connector with connecting kink resistant tube with clamp and Y connector, curved trocer with safety cap with redon drain catheter with a loop for hanging the drain to cot, Redon drain catheters are provided with radio opaque line and satin smooth eyes. Spare perforated redon catheter.	ESL
51	Corrugated Silastic drain	Each	Needs Description	ESL
52	Delivery Kits for Sero positive	Each	2 Nos Non Woven Plastic laminated Gowns, 2Pairs Plastic Shoe Covers, 2 Set Goggles, 2 Pairs Cap & Mask, 4 Pairs Latex Gloves(6 1/2" & 7"-2 each), 1No Couch Sheet 4' X 6', 1No Plastic Perineal Sheet 4' x 6', 2 Nos cotton gauze mops 18" x 18", 1 Umbilical clamp ,1 baby sheet size 2 ft x 3ft.	ESL
53	Surgeons Caps.	Packet of 100	Disposable, Made from Random structured non- woven Fabric with breathable non-linting flame retardant properties. Provide optimal hygiene protection to Medical Fraternity with elastic to fix Surgeons Cap.	ESL
54	Disposable HUDSON's Mask Adult	Packet of 100	Disposable Hudson's Mask Adult	ESL
55	Surgeons Mask	Packet of 100	Disposable, Made from Randon Structured Non- Woven Fabric with breathable non-linting, Flame retardent properties provide Mask Tie type. High efficeincy Bacterial Filter with Nose Clip 2 Ply.	ESL
56	Plastic Apron 75 Microns Size: 60cm x 165cm	Each	Sterile, Disposable, made with Polythene Sheet washable with Tie and Loop for perfect fitting to Surgeon. 75Microns,Size: 60 cmX 165 cm	ESL
57	Disposable syringe 1 cc	Each	Sterile, 26G ½ inch detachable needle	ESL
58	Disposable Syringe with Needle 2cc, 23G	Each	Sterile, 2cc, 23 Gauge, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
59	Disposable Syringe with Needle 2cc, 24 Guage	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
60	Disposable Syringe with Needle 5cc, 23 Guage	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
61	Disposable Syringe with Needle 5cc, 24G	Each	Sterile, 5cc, 24 Guage ISNo;12655 as per drugs & cosmetics Act 1940	ESL
62	Disposable syringe with needle 10cc, 20 Gauge	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL

63	ECG electrodes adult	Each	Disposable adult, 55mm, Ag/Agcl/Solid adhesive pregelled (short teram)	ESL
64	Endotracheal Tube dia 8mm	Each	Cuffed (Sterile, Disposable), dia 8mm	ESL
65	Endotracheal Tube dia 5mm	Each	Cuffed (Sterile, Disposable) dia 5mm	ESL
66	Endotracheal Tube dia 6mm	Each	Cuffed (Sterile, Disposable) dia 6mm	ESL
67	Endotracheal Tube dia 7mm	Each	Cuffed (Sterile, Disposable) dia 7mm	ESL
68	Endotracheal Tube dia 9mm	Each	Cuffed (Sterile, Disposable) dia 9mm	ESL
69	Endotracheal Tube uncuffed disposable 3mm	Each	Uncuffed (Sterile, Disposable), dia 3mm	ESL
70	Gloves, Surgical Examination (Latex Large Size)	Box of 50 Pairs	Latex Large Size	ESL
71	Gloves, Surgical Examination(Latex medium)	Box of 50 Pairs	Latex Medium Size	ESL
72	Gloves, Surgical, Disposable 6 1/2"	Box of 50 Pairs	6 1/2" Latex, as per IS:13422-1992	ESL
73	Gloves, Surgical, Disposable 6"	Box of 50 Pairs	6" Latex ,as per IS:13422-1992	ESL
74	Gloves, Surgical, Disposable 7 "	Box of 50 Pairs	7 " Latex as per IS:13422-1992	ESL
75	Gloves, Surgical, Disposable 7 1/2"	Box of 50 Pairs	7 1/2" Latex ,as per IS:13422-1992	ESL
76	Infant Feeding Tube Size: 5	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 5FG	ESL
77	Infant Feeding Tube Size: 6	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement,Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 6FG	ESL
78	Infant Feeding Tube Size: 7	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink	ESL

			resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 7FG	
79	Infant Feeding Tube Size: 8	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement, Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 8FG	ESL
80	Infant Feeding Tube Size: 9	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement, Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 9FG	ESL
81	Infant Feeding Tube Size: 12	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement, Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 9FG	ESL
82	Insulin Inj. Syringe	Each	30 Gauge Fixed Needle with 1 cc (40 IU)	ESL
83	Intercostal drainage bag kit including IC tube	Each	Sterile, Disposable, under water sealed drainage system, soft, kink resistant, nontoxic PVC Bag with 1000ml capacity, graded at 50ml interval, with long tubing with a air tight clamp, loop for hanging or carrying.	ESL
84	Intracatheter G14	Each	Sterile, Disposable, G 16 with wings & port	ESL
85	Intracatheter G16	Each	Sterile, Disposable, G 16 with wings & port	ESL
86	Intracatheter G18	Each	Sterile, Disposable, G 18 with wings & port	ESL

87	Intracatheter G20	Each	Sterile, Disposable, G 20 with wings & port	ESL
88	Intracatheter G22	Each	Sterile, Disposable, G 22 with wings & port	ESL
89	Intracatheter G24	Each	Sterile, Disposable 24 with wings & port	ESL
90	Kher T tube	Each	Medical Grade PVC make siliconised 'T' tube for Common Bile Duct drainage. Super smooth siliconized low friction surface, Radio opaque line throughout its length for X-ray visualization. Sterile, individually packed in peelable pouch pack. 14 No	ESL
91	L.P.Needle No.23	Each	Sterile, Disposable, Quicken needles, Size No: 23	ESL
92	L.P.Needle No.26	Each	Sterile, Disposable, Quicken needles, Size No: 26	ESL
93	L.P.Needle No.25	Each	Sterile, Disposable, Quicken needles, Size No: 25	ESL
94	Mackintosh Rubber Sheet as Per IS:4135-1974	Each Meter	Mackintosh Rubber Sheet as Per IS-4135-1974 of Grade A with Rubber polymer content of 55%. Length shall not be less than 30 meters. There shall be no joints in any single piece.Length shall be determined in accordance with the method in IS : 7016(Part-I)-1973). Width : It shall not be less than 1100 mm.	ESL
95	Micro Slide	Each	76 X 26 X 1.35mm (-0.20 mm) Box of 50 Slides	ESL
96	Mucus Sucker for new born	Each	Sterile, Disposable, 20 ml Capacity	ESL
97	Non Absorbable, blue Monofilament, Polypropylene Sterile Surgical Suture No.1 (Suture code:843)	Box of 12 Foils	1/2 circle Round body, 40mm heavy needle, Suture length 100cms	ESL
98	Oxygen Mask (Adult)	Each	Sterile, Disposable, Light weight,soft feathered edges, nose clip,swivel tubing connector, elastic head band, with 2 mts tubing, Adult	ESL
99	Oxygen Nasal Prongs (Pediatric)	Each	Sterile, Disposable,Twin prongs/nasal tips designed to ensure equal volume of oxygen to both air passages, Soft funnel shape connector for easy connection to oxygen source, Tube Length 210cm (7ft), Pediatric size	ESL
100	Oxygen Nasal Prongs (Adult)	Each	Sterile, Disposable,Twin prongs/nasal tips designed to ensure equal volume of oxygen to both air passages, Soft funnel shape connector for easy connection to oxygen source, Tube Length 210cm (7ft), Adult size	ESL
101	Paper Plaster Size: 1"	Box of 12	Non Woven Paper Plat with Acrylic based adhesive material Size: 1"	ESL
102	Paper Plaster Size: 2"	Box of 6	Non Woven Paper Plat with Acrylic based adhesive material Size: 2"	ESL
103	Paper Plaster' Size: 3"	Box of 4	Non Woven Paper Plat with Acrylic based adhesive material Size: 3"	ESL
104	Polypropylene Mesh 6x11 cm	Each	Sterile, 6 X 11 cm Poly Propylene mesh	ESL

105	Polypropylene Mesh 15x15cm	Each Foil	Sterile, 15X15 cm Polypropylene mesh	ESL
106	Ryles Tube Size : 10 FG,	Each	Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration. The tube should be marked at 50,60 & 70cm from the tip for accurate placement. Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 10 FG, Length 105cms	ESL
107	Ryles Tube Size : 12 FG,	Each	Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration. The tube should be marked at 50,60 & 70cm from the tip for accurate placement. Super smooth, low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel s-hape connector. Size : 12 FG, Length 105cms	ESL
108	Ryles Tube Size : 14 FG,	Each	Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration. The tube should be marked at 50,60 & 70cm from the tip for accurate placement. Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 14 FG, Length 105cms	ESL
109	Ryles Tube Size : 16 FG,	Each	Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration. The tube should be marked at 50,60 & 70cm from the tip for accurate placement. Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 16 FG, Length 105cms	ESL

110	Ryles Tube Size : 18 FG,	Each	Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration. The tube should be marked at 50,60 & 70cm from the tip for accurate placement. Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 18 FG, Length 105cms	ESL
111	Scalp Vein Set, Needles, NG20	Each	Sterile, Disposable, Scalp Vein set/ Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG20	ESL
112	Scalp Vein Set, Needles, NG24	Each	Sterile, Disposable, Scalp Vein set/Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG24	ESL
113	Skin Stapler	Each	Sterile, Disposable, 35 W. Fine 31L. Stainless Steel	ESL
114	Skin stapler removals	Each	Skin stapler removals stainless steel	ESL
115	Spino Epidural set, (CSE)	Each	Sterile, Disposable, Combined spinal epidural anesthesia kit, combined spinal epidural needles are a combination of Tuohy and Sleeved Spinal Needles Design, Features a back-eye lumen situated in the heel of a Tuohy bevel to allow the sleeved spinal needle to pass through, in addition to the above, the kit should contain all the items mentioned in the Epidural kit Size: 18 spinal epidural needle.	ESL
116	Sterile Blood Lancets Ethylene Oxide	Each	Disposable	ESL
117	3 Way Stop cock	Each	Sterile, Disposable, Rotating male luer lock & 2 female luer connectors with arrow indication on rotator to indicate direction of flow with transparent polycarbonate body.	ESL
118	Tongue Depressor	Each	Disposable	ESL
119	Tracheostomy Tubes Cuffed 7.0	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing	ESL

			system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Sould be supplied with cotton neck tape. Individually Blister packed.Cuffed 7.0 FG	
120	Tracheostomy Tubes Cuffed 7.5	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Sould be supplied with cotton neck tape. Individually Blister packed.Cuffed 7.0 FG	ESL
121	Tracheostomy Tubes Cuffed 8.0	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Sould be supplied with cotton neck tape. Individually Blister packed.Cuffed 8.0 FG	ESL

122	Tracheostomy speaking valve	Each	Tracheostomy Speaking Valve is designed to allow tracheostomy patients to vocalize without the need for finger occlusion. The valve provides low resistant one-way airflow using a thin silicone diaphragm that opens on inspiration and closes on expiration. An exclusive feature of this valve is a "cough- release" mechanism, eliminating valve or tube dislodgment as a result of coughing or excessive airway pressure. Attaches securely to any tracheostomy tube with a 15mm connector	ESL
123	Ultra Sound Jelly	Each	5 Ltrs, (Plastic Jar)	ESL
124	Umbilical Cord Clamp	Each	Sterile, Disposable, Suitable for clamping the umbilical cord of new born baby immediately after the birth. Provided with double purpose security lock click to indicate the correct locking and protect against accidental reopening. Finger grip to ensure safe and convenient handling, particularly when gloves are wet. Provided with grooves all along the length to prevent the slipping of the umbilical cord and to retain it in the same position. Manufactured from non toxic medical grade polymer. To be Supplied in blue color. Individually packed in blister pack.	ESL
125	Urinary Bag	Each	Sterile, Disposable, PVC Soft and Kink resistant tube with Optimum length 100cm, Conical inlet connector with cap for easy milking & Better flow Drainage from upper side to avoid leakage, Efficient NRV to avoid back flow of Urine, Precession double sealing to avoid leakage. Capacity of 2 litres, With non-return valve, Bag graduated in ml	ESL
126	X-Ray Film Size : 10 X 8"	Box of 50	Size : 10 X 8", Box of 50	ESL
127	X-Ray Film Size : 12 X 10"	Box of 50	Size : 12 X 10", Box of 50	ESL
128	X-Ray Film Size : 12 X 12",	Box of 50	Size : 12 X 12", Box of 50	ESL
129	X-Ray Film Size : 15 X 12 "	Box of 50	Size : 15 X 12 " Box of 50	ESL
130	X-Ray Film Size : 6.5 X 8.5"	Box of 50	Size : 6.5 X 8.5", Box of 50	ESL
131	CT Films size 17cm x 14 cm	Each	Size 17cm x 14 cm	ESL
132	Endotracheal Tube dia 8.5mm	Each	Cuffed (Sterile, Disposable) dia 8.5mm	ESL
133	Endotracheal Tube dia 5.5mm	Each	Cuffed (Sterile, Disposable) dia 5.5mm	ESL
134	Endotracheal Tube dia 6.5mm	Each	Cuffed (Sterile, Disposable) dia 6.5mm	ESL

135	Endotracheal Tube dia 7.5mm	Each	Cuffed (Sterile, Disposable) dia 7.5mm	ESL
136	Endotracheal Tube dia 9.5mm	Each	Cuffed (Sterile, Disposable) dia 9.5mm	ESL
137	Endotracheal Tube uncuffed disposable 2mm	Each	Uncuffed (Sterile, Disposable) dia 2mm	ESL
138	Endotracheal Tube uncuffed disposable 2.5mm	Each	Uncuffed (Sterile, Disposable) dia 2.5mm	ESL
139	Endotracheal Tube uncuffed disposable 3.5mm	Each	Uncuffed (Sterile, Disposable) dia 3.5mm	ESL
140	Endotracheal Tube uncuffed disposable 4mm	Each	Uncuffed (Sterile, Disposable) dia 4mm	ESL
141	Endotracheal Tube uncuffed disposable 4.5mm	Each	Uncuffed (Sterile, Disposable) dia 4.5mm	ESL
142	Endotracheal Tube uncuffed disposable 5mm	Each	Uncuffed (Sterile, Disposable) dia 5mm	ESL
143	Infant Feeding Tube Size: 10	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 10 FG	ESL
144	Test tubes(10x75mm)	Each	Glass 10x75 mm	ESL
145	Test tubes(12x100mm)	Each	Glass 12x100 mm	ESL
146	Test tubes (18x150mm)	Each	Glass 18x150 mm	ESL
147	Test Tubes Stand 24 Holes	Each	Each	ESL
148	Test tube Stand 48 Holes	Each	Each	ESL
149	Tracheostomy Tubes Cuffed 7.5	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Sould be supplied with cotton neck tape. Individually Blister packed.Cuffed 7.5	ESL

150	Elastic crepe bandage 4 "	Each	Superior quality elastic crepe bandage, Combination of cotton and stretch material for comfort use, 99% cotton and 1% elastic, with non fraying edges, with with excellent dermophyllic properties, 4 inches width, length 4 meters	ESL
151	Elastic crepe bandage 6 "	Each	Superior quality elastic crepe bandage, Combination of cotton and stretch material for comfort use, 99% cotton and 1% elastic, with non fraying edges, with with excellent dermophyllic properties, 6 inches width, length 4 meters.	ESL
152	Surgical Adhesive (Incise) disposable drape	Each	Sterile & disposable, Transparent, adhesive polyurethane film which allows the skin to breathe, so preventing moisture build-up under the drape, Transparent non-glare surface, Thin yet extremely strong, Conformable and elastic, individually wrapped in a peel apart pouch. Size 45 x 25 cm, Adhesive Area 30 x 25 cm (+/- 5cms in size of adhesive area) Polymer Size 60 x 35 cm, Adhesive Area 35 x 35 cm (+/- 5cms in size of adhesive area)	ESL
153	Harmonic scalpel 5 mm Ace+7 probe	Each	Ultrasonic 7 mm vessel sealing shears with advance hemostasis with 5 mm diameater	ESL
154	Harmonic scalpel probe Hand piece cable for lap	Each	Harmonic scalpel probe Hand piece cable for lap 220v	ESL
155	Urine collection bag with volume measuring chamber/ meter 2Lts/200- 250ml	Each	Sterile, Disposable, Graduated in ml with measured volume meter for accurate measurement of urine and bottom outlet, Conical inlet connector with cap, Closed circuit system to eliminate the risk of contamination, Soft and kink resistant PVC tubing with provision to hang the bag on the patient cot, Inlet tube length : 100 cm Capacity :2000 ml Capacity of Volume meter : 200- 250ml,	ESL
156	Re-breathing bags	Each	Re-breathing Bags, Latex Free (Neoprene), hourglass-shaped ,2 Liters with neck of 22 mm Bush, non-slip textured surface, Tripleatdesign.	ESL
157	Gigli Saw wire 12 inch	Each	Overall length 12" (304.8mm), Standard grade stainless steel gigli saw wire for use with Gigli saw handles	ESL
158	Blood transfusion set	Each	For transfusion of blood and blood products, Sterile, Disposable, soft and kink resistant medical grade PVC tubing, transparent and flexible drip chamber with 200 micron blood filter, approximately 20 drops/ml, with 18 G hypodermic needle,	ESL

159	Non Absorbable, black Monofilament, Polyamide, Sterile Surgical Suture E No10-0 (Suture code:3717)	Each	3/8 circle micro (Premium) point spatulated, 6mm needle, Suture length 20cms, Double armed (Needle)	ESL
160	Absorbable, Braided, violet, Polyglactin 910 Sterile, surgical suture 6/0 (Suture code: 2670)	Each	1/4 circle micro (Premium) point spatulated, 8mm needle, Suture length 45cms, Double armed (Needle)	ESL
161	Intra Venous Set	Each	Sterile, Disposable, Soft & kink resistant PVC tubing of 150 cms long, with efficient roller flow controller for accurate and unrestricted flow. Clear, transparent, flexible, cylindrical drip chamber with Disc type fluid filter (15 micron fluid filter in drip chamber) to filter any particulate matter in the I.V. fluid. Sharp piercing air vented spike for easy insertion in IV. container with a safety cap. Flash ball type injection port for extra medication. Tube : I Ø : 3.0 mm, O Ø : 4.1 mm, Infusion set with approximate drop rate of 20 drops/ml. Sterile and individually packed.	ESL
162	Absorbent Cotton 100 gms Net	Each	100 gms sterile	ESL
163	Absorbent Cotton 500gms	Each	500gms non sterile	ESL
164	Bandage Cloth (Medical) 20m x100cm	Each	20m x100cm	ESL
165	Gauge Cloth (Medical) 20m x100cm	Each	20m x100cm	ESL
166	Roller Bandage (Medical) 10cm x 4m	Each	10cm x 4m	ESL
167	Roller Bandage (Medical) 15cm x 4m	Each	15cm x 4m	ESL
168	Clinical Thermometer (Digital)	Each	Digital Thermometer Measuring range: 32C to42C (89.6F to 111.2F), Beep alarm when peak temperature is reached, Memory for last measurement, A	ESL
169	Disposable Cusco's Vaginal Specula small	Each	Small	ESL
170	Disposable Cusco's Vaginal Specula Medium	Each	Medium	ESL
171	Disposable Cusco's Vaginal Specula Large	Each	Large	ESL
172	Silicon Tracheostomy Tubes 3.0 mm	Each	Size: 3.0 mm	ESL
173	Silicon Tracheostomy Tubes 4.0 mm	Each	Size: 4.0 mm	ESL
174	Silicon Tracheostomy Tubes 5.0 mm	Each	Size: 5.0 mm	ESL
175	Silicon Tracheostomy Tubes 6.0 mm	Each	Size: 6.0 mm	ESL
176	Silicon Tracheostomy Tubes 7.0 mm	Each	Size: 7.0 mm	ESL
177	Silicon Tracheostomy Tubes 8.0 mm	Each	Size: 8.0 mm	ESL

178	Naso Pharyngeal Airways 3.0 mm	Each	Size: 3.0 mm	ESL
179	Naso Pharyngeal Airways 4.0 mm	Each	Size: 4.0 mm	ESL
180	Naso Pharyngeal Airways 5.0 mm	Each	Size: 5.0 mm	ESL
181	Naso Pharyngeal Airways 6.0 mm	Each	Size: 6.0 mm	ESL
182	Naso Pharyngeal Airways 7.0 mm	Each	Size: 7.0 mm	ESL
183	Naso Pharyngeal Airways 8.0 mm	Each	Size: 8.0 mm	ESL
184	Sphygmomanometer Digital	Eacg	Digital	ESL
185	PAP SMEAR KIT	Each	PAP SMEAR KIT consists of (1 pair Gloves, 1 Brush, 1 Spatula, along with 1 microscopic Slide, 1 swab with plastic stick)	ESL
186	Skin Grafting Blades	Each	Skin Grafting Blades	ESL
187	AD Syringes 1ml	Each	Auto Disable Syringe	ESL
188	P D CATHETERS (PERITONIAL DIALYSIS CATHETERS)	Each	P D CATHETERS (PERITONIAL DIALYSIS CATHETERS)	ESL
189	vaccum extractor for baby	Each	Silastic and disc shaped KIWI CUPS 2 SIZES disposable	ESL
190	White Apron (Terricot) XXL	Each	READYMADE APRONS (XXL) Made of white Terricot suiting cloth as per ISNO 15853/2009	ESL
191	White Apron (Terricot) XL	Each	READYMADE APRONS (XL) Made of white Terricot suiting cloth as per ISNO 15853/2009	ESL
192	ECG electrodes Paediatric	30 per bag	1 1/4 Teardrop shaped foam pre-gelled Electrode	ESL
193	Cover Slips	Each	1 8mm x 22mm	ESL
194	Cover Slips	Each	22mm x 50mm	ESL
195	Absorbable Hernia Fixation Device for Laparoscopic with 25 straps (Tachers)	Each	Two-point absorbable Fixation device for Lap hernia repair. Trigger squeeze mechanical device with straight cannula, pre-loaded with 25 absorbable straps which are made of a blend of polydioxanone dyed with D&C Violet No. 2 and L(-)-lactide/Glycolide copolymer. Inserted length of strap should be 6.7 mm USFDA approved.	ESL
196	Hernia mesh fixation device with absorbable straps for Open Hernia(Tachers)	Each	2 point fixation device for open hernia repairs with a curved cannula & strap- positioning tip having a forward-tilted handle & metric ruler. It is a trigger-squeeze mechanical device with a curved cannula, pre-loaded with 20 absorbable straps which are made of a blend of polydioxanone dyed with D&C Violet No. 2 and an L(-)-lactide/glycolide copolymer. Inserted length of strap should be 6.7 mm.	ESL
197	Tissue separating multilayer mesh for intra-abdominal open and laparoscopic ventral hernia repair.	Each	Tissue separating multilayer mesh for intra-abdominal open and laparoscopic ventral hernia repair. Soft polypropylene mesh clubbed with polydioxanone layer and has	ESL

			an oxidized regenerated cellulose on visceral side.Sizes-15cmx15cm, USFDA approved	
198	Open Flexible Composite Mesh Device is a sterile, partially absorbable skirted mesh device designed for the repair of open ventral hernias	Each	composed of a macroporous mesh, knitted from polypropylene and polydioxanone fibers, laminated to an absorbable poliglecaprone 25 film, size 12x15	ESL
199	Metallic Tracheostomy Tubes Silver Jackson 24 (Pediatric)	Each	Metallic Tracheostomy Tubes Silver Jackson 24 (Pediatric)	ESL
200	Metallic Tracheostomy Tubes Silver Jackson 28 (Adult)	Each	Metallic Tracheostomy Tubes Silver Jackson 28 (Adult)	ESL
201	Metallic Tracheostomy Tubes Silver Jackson 30 (Adult)	Each	Metallic Tracheostomy Tubes Silver Jackson 30 (Adult)	ESL
202	Metallic Tracheostomy Tubes Silver Jackson 32 (Adult)	Each	Metallic Tracheostomy Tubes Silver Jackson 32 (Adult)	ESL
203	Oro Pharyngeal Airways 000	Each	Oro Pharyngeal Airways 000	ESL
204	Oro Pharyngeal Airways 00	Each	Oro Pharyngeal Airways 00	ESL
205	Oro Pharyngeal Airways 0	Each	Oro Pharyngeal Airways 0	ESL
206	Oro Pharyngeal Airways 1	Each	Oro Pharyngeal Airways 1	ESL
207	Oro Pharyngeal Airways 2	Each	Oro Pharyngeal Airways 2	ESL
208	Oro Pharyngeal Airways 3	Each	Oro Pharyngeal Airways 3	ESL
209	Oro Pharyngeal Airways 4	Each	Oro Pharyngeal Airways 4	ESL
210	Laryngeal mask airway 1	Each	Laryngeal mask airway 1	ESL
211	Laryngeal mask airway 1.5	Each	Laryngeal mask airway 1.5	ESL
212	Laryngeal mask airway 2	Each	Laryngeal mask airway 2	ESL
213	Laryngeal mask airway 2.5	Each	Laryngeal mask airway 2.5	ESL
214	Laryngeal mask airway 3	Each	Laryngeal mask airway 3	ESL
215	Laryngeal mask airway 4	Each	Laryngeal mask airway 4	ESL
216	Laryngeal mask airway 5	Each	Laryngeal mask airway 5	ESL
217	Laryngeal mask airway 6	Each	Laryngeal mask airway 6	ESL
218	Mersilk No 2-0 with Needle round body	Each	Mersilk No 2-0 with Needle round body	ESL
219	Ethilon No 1 Cutting Needle	Each	Ethilon No 1 Cutting Needle	ESL
220	Ethilon No 2-0 Cutting Needle	Each	Ethilon No 2-0 Cutting Needle	ESL
221	Ethilon No 3-0 Cutting Needle	Each	Ethilon No 3-0 Cutting Needle	ESL
222	Mucus Suckers Penguin	Each	penguin type	ESL
223	Catheter, Urinary, Nelton (disposable) Catheter No 16	Each	Catheter No. 16	ESL

224	Chest Drainage Catheter Disposable No : 14	Each	Size: 14	ESL
225	Chest Drainage Catheter Disposable No : 16	Each	Size: 16	ESL
226	Disposable face masks 3 layer	Each	Disposable face masks 3 layer	ESL
227	Tourniquet Adult limb	Each	Tourniquet Adult limb	ESL
228	Tourniquet Adult arms & thighs	Each	Tourniquet Adult arms & thighs	ESL
229	Tourniquet paediatric limbs	Each	Tourniquet paediatric limbs	ESL
230	Umbilical tape code - 276	Each	276	ESL
231	Diathermy earth REM pad Disposable	Each	Adult dual plate, with 3m (10') pre-attached cord, USFDA Approved	ESL
232	Titanium clips 102 Small Size	Each	102 Small Size	ESL
233	Titanium clips 200 Medium Size	Each	200 Medium Size	ESL
234	Titanium clips -400 Large Size	Box of 18 x 6clips	LT 400 Large Size	ESL
235	Laposcopic preloaded 5mm dia clip applier with medium large with 15 clips.	Each	Endoscopic 360 degrees rotating multiple clip applier 5 mm with 15 pre loaded titanium clips of medium large size with shaft length of 33 mm, capable of entry through 5mm trocar, offering ratchet mechanism, low clip indicator, collapsable jaws and closed clip length of 8.8 mm, clips having lateral & transverse grooves for onvessel security.	ESL
236	Cautery Pencils disposable	Each	PTFE coated non stick electrosurgical pencil with tip and holster, USFDA approved with non memory cable.	ESL
237	Polyamide with cutting needle Size 2-0	Each	Size 2-0	ESL
238	Polyamide with cutting needle Size 1	Each	Size 1	ESL
239	Polyamide with Loop Size 1	Each	Loop Size 1	ESL
240	ECG paper A4 Size Sheet	Each	A4 Size Sheet	ESL
241	Stethoscope	Each	All types	ESL
242	Oxygen flow meter with Gauge	Each	meter with Gauge	ESL
243	Non Absorbable, blue Monofilament, Polypropylene Sterile Surgical Suture No 2-0	Box of 12 Foils	Non Absorbable, blue Monofilament, Polypropylene Sterile Surgical Suture No 2-0	ESL
244	Right Angle Artery Forceps Size : 8"	Each	Size : 8"	ESL
245	Laposcopic Port Closure Needle	Box of 12	Polydioxanone 45cm , 22 mm 1/2 circle reverse cutting, size 1	ESL
246	Percutaneous Tracheostomy Tubes Size : 4	Each	Size : 4	ESL
247	Intestinal Occlusion Clamps Size : 8"	Each	Size : 8"	ESL
248	Enseal Open Probe with 20cms	Each	Enseal Open Probe with 20cms, with jaw length of 35mm, width 6mm and 360degree rotation	ESL

249	Enseal G2 Tissue Sealer Curved jaw Lap35cms with articulation and 360 degree rotation	Each	Enseal G2 Tissue Sealer Curved jaw Lap35cms with articulation and 360 degree rotation	ESL
250	Harmonic HD1000i	Each	Harmonic Lap probe 36cm with integrated handpiece& advanced Hemostatis	ESL
251	Dropping Bottles 120ml	Each	Each	ESL
252	Urine Containers 30	Each	100's	ESL
253	Elisa Printer Roll 57x20mm	Each	Each	ESL
254	ABG Machine Solutions	Each	Standard pack	ESL
255	Beckman HarmoneAnalyser reagent Test Kits, Calibrators and its necessary Solutions	Each	Standard pack	ESL
256	Beckman HarmoneAnalyserCell Counter Solutions	Each	Standard pack	ESL
257	Selectable Universal Black Reload 55mm	Each	Universal open Linear Cutter cartridge 55mm with selectable closed staple height of 1.5mm,1.8mm and 2mm having 6 row(3 on either side of the cut line), 3D staple technology with staple line of 61mm and cut line of 58mm	ESL
258	Open 3 Row Linear Stapler - 55 mm	Each	Linear cutter 55mm with intermediate locking position for easy tissue manipulation, two sided firing for easy handling, proximal pre load support for consistent staple formation, with selectable closed staple height of 1.5mm,1.8mm and 2mm	ESL
259	Selectable Universal Black Reload- 75mm Size	Each	Universal open Linear Cutter cartridge 75mm with selectable closed staple height of 1.5mm,1.8mm and 2mm having 6 row(3 on either side of the cut line), 3D staple technology with staple line of 81mm andcut line of 78mm	ESL
260	Open 3 Row Linear Stapler - 75mm	Each	Linear cutter 75mm with intermediate locking position for easy tissue manipulation, two sided firing for easy handling, proximal pre load support for consistent staple formation, with selectable closed staple height of1.5mm,1.8mm and 2mm.	ESL
261	Open Curved Cutter-40mm	Each	Gastro-intestinal stapler with curved head designed for low pelvic access with enhanced visibility, delivering four curvilinear rows of staples in the width of 30mm space with a 40 mm single cut line in between the staple line, tissue retaining pin to prevent tissue slippage,intermediate locking position for precise placement.	ESL

262	Reloads For Open Curved Cutter-40mm Green.	Each	Curved green cartridge having close staple height of 2.0 mm, tactile feedback on completion of firing sequence, new anvil, knife with every cartridge.	ESL
263	New Curved Circular Stapler with Contolled Tissue technology 29/33 mm	Each	Proximate Intra-Luminal Staplers with Curved shaft anvil detachable head (Available in diameter-29mm & 33mm) lumen size (14.4, 20.4, & 24.4mm respectively) with adjustable staple height (1.0-2.5 mm) for controlled tissue compression, longer staple leg 5.5mm, Non-slip griping surface for increased control during firing, larger tissue compression scale for visibility & ease of use.	ESL
264	Fixed Envil Hemorrhoid Stapler kit	Each	Fixed Envil Hemorrhoid stapler Kit with 2rows and closed staple height range from 0.75mm to 1.5mm	ESL
265	Laprosopic 60mm battery operated endocutter with Built in knife & articulation.	Each	Light weight Battery operated 60 mm Articulating Endo cutter with a disposable battery pack, 360 degree rotation shaft, 6 row(3 on either side of cut line) staples offering 60mm staple line and 57 mm cut line, one handed natural articulation up to 45 degrees on both sides, precision machined closed channel anvil, capable of delivering system wide pre compression, wide proximal to distal jaw aperture (proximal 8 mm, distal 22 mm), 3 point gap control for alignment and calibration throughout the 60 mm staple line, manual override safety feature, interchangeable 6 row(3 on either side of cut line) cartridge options of 1.5,1.8,& 2.0mm closed staple height, capable of entry through a 12 mmtrocar sleeve, shaft length of 340mm.	ESL
266	60mm catridges for laprosopic battery operated endocutter with Built in knife & articulation with gripping surface technology blue,gold& green reloads	Each	Endoscopic linear cutter 60mm cartridge with surface having pocket extensions to prevent tissue milking, staples with asymeric bent tip for consistent staple formation with an option of closed staple height of 1.5, 1.8, 2mm & 6 rows of staple line with 3 on each side of cut line.	ESL
267	Harmonic Probes for Open Cases - 9cm	Each	Ultrasonic Open Shear Focus, 9cm long with Adaptive Tissue Technology	ESL
268	Harmonic Probes for Open Cases - 17cm	Each	Ultrasonic Open Shear Focus, 17cm long with Adaptive Tissue Technology	ESL
269	Harmonic open probe 23cm	Each	Harmonic ACE +7 wuth Advanced Hemostatis 23cm	ESL
270	Harmonic Blue Handpiece For Open Surgeries	Each	Connecting cable(Transducer/handpiece) Blue Handpiece for ultrasonically activated cutting and coagulating device,	ESL

271	Laprosopic Self Righting Needle Holder	Each	Laprosopic Self Righting Needle Holder 5mm diameter and 30 cms length	ESL
272	PDS - Polydioxanone with Triclosan Antibacterial coated Violet Monofilament 90 cm size 0	Box of 36 Foils	Polydioxanone with Triclosan Antibacterial coated Violet Monofilament 90 cm size 0 with 1/2 Circle Taper Point CT-1, 36.4mm needle USFDA approved.	ESL
273	PDS - Polydioxanone with Triclosan Antibacterial coated Violet Monofilament 90 cm size 1	Box of 24 Foils	Polydioxanone with Triclosan Antibacterial coated Violet Monofilament 90 cm size 1 with 1/2 Circle Taper Point CT-1, 40mm needle USFDA approved.	ESL
274	Antibacterial Absorbable Surgical suture Polyglactin 910 1/2 circle reverse cutting 40mm OS Needle violet brided coated - 90cm, size-1.with Triclosan coating.	Box of 12 foils	Antibacterial Absorbable Surgical suture Polyglactin 910 1/2 circle reverse cutting 40mm OS Needle violet brided coated - 90cm, size-1.with Triclosan coating.	ESL
275	Antibacterial Absorbable Surgical suture Polyglactin 910 1/2 circle reverse cutting 36mm OS Needle violet brided coated - 90cm, size-1-0.with Triclosan coating.	Box of 12 foils	Antibacterial Absorbable Surgical suture Polyglactin 910 1/2 circle reverse cutting 36mm OS Needle violet brided coated - 90cm, size-1-0.with Triclosan coating.	ESL
276	Reusable Patient return electrode made of akton polymer for Monopolar	Each	Reusable Patient return electrode made of akton polymer with current limiting nature technology . 117cm(46")Length X 51cm(20")Width,1.25cm(1/2") thickness.	ESL
277	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, 1x2 inch	Box of 10 foils	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Structured Non-Woven material, with Bactericidal property. Ease-of-use in both open and minimally invasive procedures. Approved by US FDA, sizes 1x2 inch	ESL
278	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, 2"x4" inch	Box of 10 foils	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Structured Non-Woven material, with Bactericidal property. Ease-of-use in both open and minimally invasive procedures. Approved by US FDA size 2"x4" inch	ESL
279	Antibacterial Absorbable Surgical suture "1'	Box of 12 Foils	Polyglactin 910 1/2 circle RB, triclosan coated, 40mm Heavy Needle violet braided coated - 100cm	ESL
280	Antibacterial Absorbable Surgical suture "1-0	Box of 12 Foils	Polyglactin 910 1/2 circle RB, triclosan coated 40mm Heavy Needle violet braided coated - 100cm	ESL
281	Antibacterial Absorbable Surgical suture 2-0	Box of 12 Foils	Polyglactin 910 1/2 circle RB , triclosan coated, 31mm Needle violet brided coated - 100cm	ESL

282	Optical view trocar (Laparoscopy) 12mm	Each	Blade less 12 mm Trocar with Optical view technology, should have wipe, wick and absorb features.	ESL
283	Optical view trocar (Laparoscopy) 11mm	Each	Optical view trocar 11 mm Bladeless	ESL
284	Optical view trocar (Laparoscopy) 5mm	Each	Blade less 5 mm Trocar with Optical view technology.	ESL
285	PDS - Antibacterial, Absorbable Polydioxanone Sterilized Symmetric, Knotless Tissue Controlling Device, Size -1	Box of 12 Foils	Triclosan antibacterial coated Absorbable Polydioxanone Unidirectional with Fixation Tab, 40mm, 60cm1/2 Circle, Taper Point, CT	ESL
286	PDS - Polydioxanone Violet Monofilament, Bidirectional, Absorbable Sterilized, Spiral Knotless Tissue Controlling Device, Size 1	Box of 12 Foils	Polydioxanone Violet Monofilament, Bidirectional, Absorbable Sterilized, Spiral Knotless Tissue Controlling Device, 48mm, 36cmx36cm1/2 Circle, Taper Point, CTXSize 1	ESL
287	Absorbable, antibacterial Poliglecaprone 25, Sterilized Monofilament surgical suture, size 3-0	Box of 12 Foils	Triclosan Antibacterial coated Monofilament Poliglecaprone 25 suture, length 70 cm ,size 3- 0 with 3/8 reverse cutting, , 26mm needle	ESL
288	Disposable HUDSON's Mask Paediatric	Packet of 100	Disposable Hudson's Mask Paediatric	ESL
289	Oxygen Mask (Pediatric)	Each	Sterile, Disposable, Light Weight, Soft Feathered Edges, Nose Clip, Swivel Tubing Connector, Elastic Head Band, With 2 Mts Tubing, Pediatric	ESL
290	VenturiMaks	Each	20-22 mm in diameter and 15-17 cm in length	ESL
291	Hospital Mask NON-VENTED FULL FACE MASK (DISPOSABLE)	Each	It should be of high quality & easy to fit & removal. The mask frame sizes should be clearly marked. The mask frame should be transparent for ease of monitoring the patient and detect any changes during the therapy. It should be designed for NIV ventilation therapy for single patient short term use. It should be suitable for critical care patients and effective at high therapy pressures up to 40 cm H ₂ O. It should combine 3D form-fitting headgear with proven cushion technology to stabilise the mask on the face, without the need for forehead support. It should have a dual wall for a stable and comfortable seal giving a cushion effect. The tube fitting elbow should have 360 degree rotation facility enabling the physician to select the most appropriate tube position. It should be provided with quick release headgear clips for easy detachment in an emergency and	ESL

			easy fitting when the patient is in the bed.Should be available in wide fitting ranges S,M,L.Should be provided with easy reference fitting guide.Should be USFDA Approved	
292	Hospital Mask VENTED FULL FACE MASK (DISPOSABLE)	Each	It should be of high quality & easy to fit & removal. The mask frame sizes should be clearly marked. The mask frame should be transparent for ease of monitoring the patient and detect any changes during the therapy. It should provide an Exhalation vent for effective CO2 washout. It should also provide a pressure port for pressure measurement. It should be provided with a safety valve which should automatically open if the flow pressure fails, allowing the patient to breathe ambient air. It should be have a dual wall for a stable and comfortable seal giving a cushion effect. The tube fitting elbow should have 360 degree rotation facility enabling the physician to select the most appropriate tube position. It should be provided with quick release headgear clips for easy detachment in an emergency and easy fitting when the patient is in the bed.Should be available in wide fitting ranges S,M,L.Colour coded labelling for ease of size identification Should be USFDA Approved.	ESL

ANIL KUMAR SINGHAL
PRINCIPAL SECRETARY TO GOVERNMENT

**ADDITIONAL SURGICAL LIST
ANNEXURE -II**

Sl. No.	Item Name	Description	Specification	Category
1	A1 Lectin 5 ml	Each	Human red blood cells possessing the A antigen can be broadly subdivided into two main subgroups namely A1, and A2 based on their reaction with A1 lectin. A2 subgroups comprises of weaker subgroups of A such as A2, A3, Ax, A4, A5, A6, Ao etc. Group A red blood cells which agglutinate with Anti-A1 lectin are classified as subgroup A1, whereas red blood cells which do not agglutinate with Anti- A1 lectin are classified as subgroup A2. It is estimated that about 80% of the group A population are A1, and the remaining A2 or weaker. Anti-A1 lectin is especially useful in selecting blood for an A2 or A2B recipient whose blood may contain Anti-A1 antibodies. (5ml)	ASL
2	Arterial Cannula	Each	20G	ASL
3	Bacillus thuringiensis var israelensis (Bti) Strain 164, Serotype, H- 14 W.P	1 Kg	Description of Stores: Bacillus thuringiensis var israelensis (Bti) Strain 164, Serotype, H-14 W.P (TAC approved).	ASL
4	Bladder wash syringes	Each	Bladder wash syringes	ASL
5	Bovine Albumin	Each	22% - 5 ml	ASL
6	Collagen Sheets (Size 10cmx10cm)	10cmx10cm	Bovine Derived 10cmx10cm	Sterile
7	Collagen Sheets (Size 15cmx30cm)	15cmx30cm	Bovine Derived 15cmx30cm	Sterile
8	Disposable Perilaryngeal Airways	Each	Should have ultra thin cuff for a high volume - low pressure seal. Cuff should be positioned in the upper Hypo pharynx. Should have gently curved ramp near distal end for insertion of Bronchoscope. Should have the facility of ramping any ET Tube	ASL
9	ECG paper	Each Roll	50mm X 30mtrs	ASL
10	Foleys 3 way 22G	Each	22G	ASL
11	Halilectin 1 (H- 1), 5ml	Each	Halilectin 1 (H-1), 5ml	ASL
12	High pressure extension line	Each	200 cm	ASL

13	Malathion 25% WDP	Each	Malathion 25% WDP (ISI Marked) for residual spray for control of malaria under public health programme conforming to IS specifications IS:2569-1978 with up-to date amendments, should be registered with Central Insecticide Board.	ASL
14	Poliglecaprone 25 Size 3-0	Box of 12 Foils	Undyed of size 3-0 with 3/8 Circle cutting 25mm needle, suture length of 70cm SUB Q	ASL
15	Primiphos Methyl 50% EC	1 Ltr	50% EC	ASL
16	Pyrethrum Extract 2%	Each	Pyrethrum Extract 2% confirming to No.IS 105 to - 1980(II revision) bearing ISI certification Mark.	ASL
17	Synthetic Pyrethroids water Dispersible Powder(WDP)/Wet table Powder	Each	Synthetic Pyrethroids water Dispersible Powder(WDP)/Wettable Powderequivalent 2.5%conforming to following (1).Cyfluthrin-WHO/IS/98.2.2 (2).Lambdacytha	ASL
18	Temephos 50% EC	Each	Temephos 50% EC confirming to No.IS8498 to No.IS No.8498 1977 with amendmentno.1 & 2 bearing ISI Certificationmark.	ASL
19	TPHA Kits	Each	Each Test	ASL
20	Tracheostomy Tubes Cuffed 6.0	Each	PVC Cuffed 6.0	ASL
21	Tracheostomy Tubes Un cuffed 3.0	Each	PVC Un cuffed 3.0	ASL
22	Tracheostomy TubesUn cuffed4.0	Each	PVC Un cuffed 4.0	ASL
23	Tracheostomy with speaking valve No 4	Each	No 4 Un Cuffed	ASL
24	Tracheostomy with speaking valve No 6	Each	No 6 Un Cuffed	ASL
25	Triple Lumen	Each	With Antibiotic Impregnated Antifungal	ASL
26	Disposable Bed Sheets	Each	Size: 58" Length 90"	ASL
27	Tracheostomy Tubes PVC Cuffed 8.5	Each	PVC Cuffed 8.5	ASL
28	Tracheostomy Tubes PVC Cuffed 9.0	Each	PVC Cuffed 9.0	ASL
29	96 Hours Online IV Bacterial Filters	Each	0.2 Micron Size	ASL
30	Micro Drip IV Sets With Dial Flow Regulators	Each	Micro Drip IV Sets With Dial Flow Regulators	ASL
31	5 mm inserts for Lapinstruments	Each	Maryland dissector	ASL
32	5 mm inserts for Lap instruments	Each	grasper toothed	ASL
33	5 mm inserts for lap instruments	Each	grasper non toothed	ASL

34	5 mm inserts for Lap instruments	Each	Scissors curved	ASL
35	Lapro-sheath 5mm	Each	5mm	ASL
36	Re breathing Bags 0.5 litre, 1litre	Each	Re breathing Bags, Latex Free (Neoprene), hourglass-shaped, 0.5 LITRES with neck of 22 mm Bush, non-slip textured surface, Tri-pleat design.	ASL
37	P D Sets (Peritoneal Dialysis Sets)	Each	P D Sets (Peritoneal Dialysis Sets)	ASL
38	Trial boxes	Each	Trial boxes	ASL
39	Microscope bulbs 15x150	Each	Microscope bulbs 15x150	ASL
40	Microscope bulbs 12x100	Each	Microscope bulbs 12x100	ASL
41	Zesisphaco sleeves	Each	Zesisphaco sleeves	ASL
42	Zesisphaco tubing sets	Each	Zesisphaco tubing sets	ASL
43	Vitrectomy cutters	Each	Vitrectomy cutters	ASL
44	Retinal bond 240	Box of 5	Retinal bond 240	ASL
45	Mucus Suckers Penguin type	Each	Mucus Suckers Penguin type	ASL
46	Absorbable Adhesion Barrier	Each	Oxidized regenerated cellulose, 3 x 4 inch (7.6cm x 10.2 cm),	ASL
47	Absorbable, Braided, violet, Polyglycolic acid (PGA), Sterile surgical suture 1-0 (Suture Code: 2518)	Box of 12 Foils	1/2 Circle, Tapercut, 40mm needle, Suture Length 90cm	ASL
48	Scalp Vein Set, Needles, NG22	Each	Sterile, Disposable, Scalp Vein set/Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG22	ASL
49	Red Rubber Urinary Catheter	Each	Size: 8 Fr to 26 Fr	ASL

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Surgical Instruments List
ANNEXURE -III

Sl.No.	Item Name		Specification	Category
1	BP Handles size 3No	Each	Size 3No	Instruments
2	BP Handles size 4No	Each	Size 4No	Instruments
3	Cheate's Forceps -	Each	Stainless Steel 12 inches	Instruments
4	Episiotomy Scissor	Each	15 cm long SS, IS - No : 7103:1973	Instruments
5	Forceps, Artery (Homeostatic Forceps), curved flat	Each	20.5cm Long, Box Joint, Spencerwells Type, SS, IS - No:3645:1992	Instruments
6	Forceps, Artery, Small	Each	Mosquito - 9.5 cm	Instruments
7	Forceps, Dissecting	Each	15cm long,	Instruments
8	Forceps, Dissecting 8 inches	Each	8 inches long, Toothed, SS, IS - No:3643:1992	Instruments
9	Forceps, Intenstinal elastic, straight	Each	24 cm long ,Doyens Type,SS	Instruments
10	Forceps, Sponge holding, box joint, settated jaws	Each	25cm long, Stainless Steel (Box Joint), IS-No.7735:1992	Instruments
11	Forceps, Sterilizer, Cheatles pattern	Each	SS, IS - No: 4094:1967	Instruments
12	Forceps, Tissue 4 x 5 teeth Screw Joint, Allis Type	Each	20 cms long Stainless Steel, IS - No:7388:1992	Instruments
13	Forceps, Tissue Box Joint, Babcocks Type	Each	20cm long, Stainless Steel	Instruments
14	Forceps, Uterine VulsellemTeales, with 2x2, 3x4teeth, boxjoint,	Each	9", Stainless steel, as Per IS:6144- 1991	Instruments
15	Infant Weighing Machine	Each	Infant Weighing Machine	Instruments
16	Instrument's forceps 10	Each	10 Inches	Instruments
17	Instrument's tray with cover	Each	Stainless Steel 14"x10"	Instruments
18	Needle & Hub cutter	Each	Electrical	Instruments
19	Needle holder, Straight, Curved, Bozeman	Each	20cm long, Stainless Steel, IS - No:10615:1983	Instruments
20	Needle holder, Straight, Mayo- Hegar type	Each	20cm long, Stainless Steel, IS - No:7870:1992	Instruments
21	Out let Forceps	Each	Wrigleys& Simpson	Instruments
22	Proctoscopes	Each	Adlut	Instruments
23	Retractor Devers Pattern	Each	Large, IS - No:8965:1978	Instruments
24	Retractor, Langenbeck, Medium 11mmx40mm blade, Stainless steel, IS - No:8855:1978	Each	11mm x 40mm blade, Stainless steel, IS - No:8855:1978	Instruments
25	Scissors 8 inches	Each	8 inches	Instruments

26	Scissors, Curved on flat, Mayo's Type	Each	16cm long Stainless steel, as per IS:9146-1979	Instruments
27	Scissors, Dissecting for deep work, curved on flat	Each	22cm long, Metzenbaum Type, SS	Instruments
28	Scissors, Dressing	Each	Straight with one sharp point, one Blunt point size 5"	Instruments
29	Scissors, Dressing	Each	Straight with one sharp point, one Blunt point size 6"	Instruments
30	Scissors, Medium	Each	3.5 inches	Instruments
31	Scissors, Straight one point sharp	Each	15cm long Stainless Steel	Instruments
32	Scissors, Straight, with both points blent	Each	18cm long Stainless Steel	Instruments
33	Toothed Forceps	Each	1 X 2 Teeth	Instruments
34	Towel Clips 150 mm	Each	Backhaus 150 mm	Instruments
35	Umbilical cord scissors	Each	Stainless steel, as per IS:7117-1973	Instruments
36	Uterine Sound probe	Each	Graduated from 4 to 20cm & 28cm long, Stainless steel, IS - No:5829:1982	Instruments
37	Weighing Machine	Each	Adult with weight and measurements department stamping, weighing capacity 125 kg in 500gms intervals and Non-slip platform surface	Instruments

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