

महाराष्ट्र शासन  
इंदिरा गांधी शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, नागपुर  
महात्मा ज्योतीराव फुले जन आरोग्य योजना

सेंट्रल एवेन्यु रोड, नागपुर - 18

email : [iggmchospital@gmail.com](mailto:iggmchospital@gmail.com),

Contact No. : 8275094649

क्रमांक इंगाशावैमवरुना / मज्योफुजआयो / 16714 / 2024

दि. 12 / 12 / 2024

## जाहिरात

इंदिरा गांधी शासकीय वैद्यकीय महाविद्यालय व रुग्णालय  
नागपुर  
महात्मा ज्योतीराव फुले जन आरोग्य योजना

इंदिरा गांधी शासकीय वैद्यकीय महाविद्यालय व रुग्णालय नागपुर येथील महात्मा ज्योतीराव फुले जन आरोग्य योजना अंतर्गत येणाऱ्या गरीब रुग्णांसाठी, इंप्लांट व कन्झुमेबल्स (Int Radiology Department) क्ष-किरण शास्त्र विभागाला अत्यंत आवश्यकता असते. पुरवठ्यासाठी पुरवठादारांकडून दरपत्रके मागविण्यात येत आहे. याबाबत संपुर्ण माहिती इंदिरा गांधी शासकीय वैद्यकीय महाविद्यालय व रुग्णालयाच्या संकेत स्थळावर [www.iggmc.org](http://www.iggmc.org) दि. 16.12.2024 ला उपलब्ध होईल.

मुदत पाह दि. 03/01/2025 पर्यंत

*Arhichay*

*Arhichay*

अधिष्ठाता

इंदिरा गांधी शासकीय वैद्यकीय महाविद्यालय  
व रुग्णालय नागपुर

**Subject :- Quotation Enquiry for " SURGICAL ITEMS " (Int. Radiology Dept.), under Two Envelope (Two bid) system**

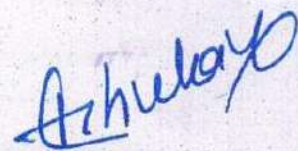
The undersigned invited sealed quotations for the items mentioned below/on/reverse or As per enclosed statement for the use of the MIPJAY, IGGMC Medical College & Hospital, & Nagpur under Two Envelope (Two Bid) system on the following terms & conditions.

- The prices quoted should be free delivery to **MJPJAY Store**, IGGMCH Premises **purely on Patient to Patient basis** for local dealers and F.O.R. Destination for outsiders.
- Approved **(L1) hardware should be made available within 24 hrs for elective cases.**
- Approved **(L1) hardware should be available immediately for emergency cases under ETI**
- **L2, L3 or other approved vendors should supply hardware in case L; is not able to supply the hardware. (As per Government Rule)**
- **The Price quoted should be inclusive of all taxes, duties if payable** like customs, excise, GST. The **GST number** should be quoted in your letter while quoting the rates. Exemption of taxes, if on A.F. Forms etc. be separately stated.
- **The serial number of the items should not be changed while quoting rates.** You may drop the item if not interested & **List should be prepared in printed copy only, otherwise it may be rejected.**
- **Rates should be quoted strictly for the item specified in the list provided and for standard quality of goods.** In case of alternate offer, the detailed specifications, name of manufacturer or make etc must invariably be stated. Specifications other than specified in the schedule may be liable for rejection on even though lowest.
- The quotation submitted will be valid for a period a of **One Year** only, from the date of acceptance.
- Loose packing of material will not be acceptabl in any condition.
- The quotation received after due date will not be accepted. The quotation should be submitted in sealed cover. Unsealed quotations, which are not properly sealed, will not be accepted. The last receiving date of the quotation is **31 . 12.2024 up to 5.00 p.m**

- Material Should be supply in store (MjPJAY) & Your invoice and challan should have the certification that, the drug/material supplied under this challan & invoice are of required Pharmacopoeial standard and any defect found in future shall be sole responsibility of supplier.
- **Supply should be made from WHO GMP / FDA certified company only.**
- Quotations if asked with samples, if not accompanies with sample will be liable for rejection even they are lowest. Samples should be sent with a labels a attached quoting our ref.no of enquiry and item no etc.
- The Dean, IGGMCH Nagpur does not pledge himself to accept the lowest or any quotations and reserves to himself right of acceptance or rejection any of quotations which does not suit to his requirements.
- **Very Important :- Please provide valid copy of FDA approval for Vendor as well Manufacturer.**
- Once in year along with the quotation please provide attested photocopies of renewed PAN No, GST/CGST/SGST, VAT, CST, Shop establishment, Drug license, Income tax clearance & etc.

**IMP.:**

- 1) **Submit sealed quotation under Two Envelope (Two bid) system for supply of implants.**
- 2) **Envelope No. 1 (Technical Bid Specifications), Compliance Chart & Authorization letter, Other Certifications & Necessary Documents.**
- 3) **Envelope No. 2 (Price Bid)**



Dean

**INDRA GANDHI GOVERNMENT MEDICAL  
COLLEGE & HOSPITAL NAGPUR**

## LIST FOR RE ADVERTISEMENT

Sr.No	Item Name
A	DRUG-ELUTING STENT
1.	Drug-eluting Stent Zotarolimus variable sizes
2.	Drug-eluting Stent Everolimus variable sizes
3.	Drug-eluting balloon-mounted metallic stents Sirolimus
4.	Drug-eluting self-expanded metallic stents Diameter 5mm & less Lengths variable
5.	Drug-eluting self-expanded metallic stents Diameter 5mm & more Lengths variable
6.	Drug-eluting balloon-mounted metallic stents Diameter 5mm & less Lengths variable
7.	Drug-eluting balloon-mounted metallic stents Diameter 5mm & more Lengths variable
8.	Paclitaxel Eluting Self-Expanding Stent for SFA and PPA polymer releases Paclitaxel over 12 months with lowest dose density Tri-axial Delivery Hybrid Cell Architecture Compatible 6F sheath Diameter 6 to 7 mm Length- 40 to 120mm/ more
9.	Drug-eluting Stent Novolimus of variable sizes
10.	Drug-eluting Stent Umilimus of variable sizes
11.	Drug-eluting Stent Amphilimus of variable sizes
12.	Bio-absorbable stent made of D-Lactate/ Magnesium/ PLLA/ Tyrosine polymers of variable sizes
13.	Bio-absorbable stent made of Magnesium polymers of variable sizes
14.	Bio-absorbable stent made of PLLA polymers of variable sizes
15.	Bio-absorbable stent made of Tyrosine polymers of variable sizes
16.	Drug-Eluting Sirolimus Biorasorbable PLLA stent of variable sizes Diameter 2.5, 3.0, 3.5mm or more Length 30 to 40mm or more
17.	Drug-Eluting Bio-absorbable stent
18.	Sirolimus Drug-Eluting stent Drug & polymer biodegradable abluminal coating Diameter 2 to 4.5mm expansion up to 6.25 mm Length 9 to 50mm
19.	Drug-Eluting Sirolimus Rapid Exchange Self expandable metallic stent Diameter 2 to 4.5mm or more Length 10 to 40mm or more
B	Covered Stents/ Stent Grafts
1	Self-Expandable Stent Graft/ Covered Stents Diameter 5mm & less Length variable
2	Balloon-Mounted Stent Graft/ Covered Stent Diameter 5mm & less Length variable
3	Balloon-Mounted Stent Graft/ Covered Stent Diameter 10mm & above Lengths variable
4	Stent graft Cobalt-Chrome stent platform covered with a micro-porous ePTFE system excels with a high radial force whilst maintaining extraordinary flexibility and low profile. Compatible 6Fr 5,6,7 & 8mm & 7Fr 9&10mm
5	Stent graft Cobalt-Chrome stent platform covered with a micro-porous ePTFE system excels with a high radial force while maintaining extraordinary flexibility and low profile Diameter 10 mm & above Post-dilatation possible multiple times later
6	Covered implant Microporous polymer membrane over rapid exchange balloon catheter optimal surface coverage & pore density for immediate aneurysm occlusion while maintaining side branch patency Aneurysm Occlusion Device Diameter 3.25 to 4.5mm Length 15-25mm
7	Covered implant Microporous polymer membrane over rapid exchange balloon catheter optimal surface coverage & pore density for immediate aneurysm occlusion while maintaining side branch patency Post Dilatation Balloon Diameter 3.75 to 4.75mm Length 7mm
8	Stent graft for cervical or petro-cavernous or tortuous carotid or other anatomy
9	Flexible low-profile stent graft
10	Bioabsorbable Stent Graft
11	Bioabsorbable/ Flexible/ Low-profile Stent Graft suitable for the Pediatric population
12	Stent graft suitable for the Mycotic pseudoaneurysm
13	Trans-jugular intrahepatic portosystemic shunt TIPSS ePTFE endoprosthesis Self-Expanded Nitinol Covered Stent with Bare segment on Portal Vein end Diameter 8,10,12mm Length 60 to 100mm; 20/30mm uncovered
C	BALLOON
1	Drug coated Balloon 0.035" compatible Sirolimus
2	Drug coated Balloon 0.018" compatible Sirolimus
3	Drug coated Balloon 0.014" compatible Sirolimus
4	Ultra-Slim Balloon Drug Coated Balloon For Tortuous Anatomy Low Profile Marker Bands Compatible 5F Introducer Sheath Diameter 2-4 mm Lengths 10-40mm
5	Cutting Balloon of variable diameter and length Non-compliant 0.035/ 0.018/ 0.014" compatible
6	Scoring Balloon of variable diameter and length 0.035/ 0.018/ 0.014" compatible
7	Coda Balloon of variable diameter and length 0.035/ 0.018/ 0.014" compatible
8	Balloon occlusion catheter Soft Compliant Latex Compatible 14/16 Fr introducer sheath Diameter 20/ 27/ 33/ 40mm Length 65/ 100cm
9	Swan Ganz Balloon Catheter of variable diameter and length 0.035/ 0.018/ 0.014" compatible

*Acharya*

10	Fogarty Balloon Embolectomy Catheter
11	Balloon Thrombectomy OTW Silicon Spring/ Regular type
12	Balloon Thrombectomy OTW latex Spring/ Regular type
13	Balloon Embolectomy Single Lumen Catheter 2-7 Fr, 4mm to 14mm
14	Balloon Embolectomy Over the Wire Catheter 2-7 Fr, 4mm to 14mm
15	Stone Extraction Balloon
16	Balloon Occlusion Catheter 26 Fr to 34 Fr
17	Reverse Curve Balloon
18	High Pressure Non-Compliant Aortic PTA Balloon
19	Large Diameter Balloon Coaxial 7F Rated burst pressure 5 & 6 atm Usable catheter length 80 to 110 cm Diameter 14 to 25 mm Length 40-60mm
20	Intra-aortic balloon catheters Fiber Optic Technology/ Sheathed or sheathless Counter pulsation therapy in the aorta, whereby Balloon Inflation in Diastole & Balloon Deflation in Systole increases blood supply to the heart muscle & decreases work of the left ventricle
21	Compliant Balloon for Endograft apposition of stent grafts in seal zone, for temporary aortic occlusion Compatible 12Fr, Diameter 10 to 46 mm
22	Compliant balloon for endograft apposition of stent grafts in seal zone, for temporary aortic occlusion Compatible 12Fr Diameter 10 to 46mm
23	Stent Placement Balloon Catheter With Inner And Outer Balloons to Hold Stent in Place Along with Stent Placement Compatible 035 wire Diameter 12 to 30mm Usable Length 110cm
24	Three Port Balloon Suitable for Fistuloplasty & Central Venoplasty
25	Dual Lumen Balloon Catheter for Infusion &/or Embolisation
26	Dual lumen balloon catheter for infusion &/or embolisation
27	Triple lumen microcatheter for combined balloon, coiling, glue or DMSO/ EVOH embolisation
D	COILS
1	Endovascular Embolization Detachable Platinum coils with INTERLOCK/ Nylon & PGLA Helical Fibers with Lattice FX technology, Compatible 0.018 thickness, 0.0165 and 0.021 Microcatheter Diameter 1 to 22mm Length up to 60 cm or more
2	Detachable Latex Balloon for CCF
3	Hydrophilic Progressive Suppleness PUR SIL Catheter for Detachable Balloon (Teflon Distal Tip)
E	CATHETER
1	Angiography Catheter 6 Fr Head Hunter (H1-2-3)
2	Angiography Catheter 6 Fr Sim (SIM 1-2-3-4)
3	Angiography Catheter 6 Fr Cobra (C1-2-3)
4	Hydrophilic Diagnostic Angiographic Catheter Braided Tip to Body Inner Diameter 0.042" True lumen, Lipiodol Resistant Nylon material with 1200 PSI, with body incorporated tungsten-filled radiopaque neon Tip, enhanced lubricity during insertion with large Inner Diameter throughout body enabling entry of micro-catheters (SIM1, SIM2, SIM3, RDC, RC2, RC1, Pigtail, C1, C2, C3, H1, HN3, HN4, Shepherd Hook, Multipurpose, JB1, JB2, JB3, MAN, PICARD, Visceral etc) all shapes & curves, Size 4Fr & 5 Fr Lengths up to 125cm or more
5	Hydrophilic Glide cath vascular angiography catheter double braided 0.041" ID Size 4 Fr Length 65/ 80/ 100/ 110/ 120/ 150cm
6	Hydrophilic Glide cath vascular angiography catheter single braided 0.043" ID Size 5Fr Length 65/ 80/100/ 110/ 120/ 150cm
7	Angiographic Catheter 3-7 Fr, Length: 40 to 100 cm or more with Configuration: BMC, JR4, JL4, C2, CI, MJK, MPA, SIM1, SIM2, SIM3, VTK, KMP, VERT, PICARD, JR3, JR3.5, JL3, JL3.5, JB2, HI, DAV, NIH, JR2, JR2.5, JL2
8	Super torque Polyurethane Diagnostic Catheters with braided body improved kink resistance MPA2, JR4, 4NIH, MPA1, IM, 3DLIMA, H1, SIM1/2/3/4, Berenstein etc Diameter 4Fr, 5Fr, 6Fr Length 45-100cm & 125cm &/or more
9	SLIP cath vascular catheter
10	5Fr or variable-sized PICARD 95/105cm or longer catheter
11	5.5/6Fr Select H1 & SIM2 120cm or longer catheter
12	120 cm or longer diagnostic catheter
13	3 Fr and above hydrophilic diagnostic catheter for radial access
14	3 Fr and above hydrophilic diagnostic catheter for radial access Longer than 120 cm
15	Hydrophilic coated Radial catheter for Radial Access Visceral Interventions Gliding hydrophilic coating for smooth tracking and leverage superior kink resistance Sizes 125 & 135cm or more
16	Radial Access Selective Catheters Ber 120/130cm Sim 120/130cm
17	5Fr SELECT Catheter H1/BER/SIM Stainless braided shaft with radiopaque polymer tip. Steam-shaped tip Tapered profile optimized for seamless transition and torque response Proximal OD 5.5Fr (0.070")/ Distal OD 5Fr ID 0.040" Working Length 130cm
18	Pediatric Angiocatheter 3 Fr and less
19	Pigtail diagnostic catheter 4Fr and above
20	Pigtail Marking catheter 100/120 cm
21	Omniflush catheter
22	Hastings U-turn catheter
23	Multi side hole Infusion Catheter for catheter directed thrombolysis with Infusion Length 15cm & 20 cm
24	4 Fr and 5Fr Valved Infusion Catheter with Multiple ports Catheter 45, 90 and 135 cm Infusion Length 5/10/20/30/40/50cm or more
25	Uterine catheters with tapered tips to minimize vessel trauma, an accordion-designed hub to minimise kinking
26	Long Term Pleural fluid drainage catheter with subcutaneous anchor and negative suction bags
27	Long Term Ascitis fluid drainage catheter with subcutaneous anchor and negative suction bags
28	Para/ Pleurocentesis therapeutic 7/8 Fr Drainage catheters with fluid collection bags
29	Peritoneal Dialysis catheter
30	Umbilical vessel access catheter
31	Epidural drainage catheter
32	Extraventricular drainage catheter
33	Extraventricular drainage catheter with reservoir
34	E Shunt Endovascular CSF venous shunt via jugular access inferior petrosal puncture with CSF drainage for obstructive hydrocephalus

35	Re-entry device Braided catheter shaft for chronic thrombotic occlusion variable size & length
36	Crossing catheter with needle direction control
37	Crossing catheter
38	Support catheter Stainless steel double braiding seamless guidewire to catheter transition leading to high support Telescopic capability whereas 0.018" can be telescoped through 0.035" Small crossing profile Length 135 and 150cm
39	Peripheral support braided catheter with exceptional pushability and torque capacity Smaller profile Compatible 0.014/0.018/0.035" wire
F	MICROCATHETER
1	2.7 Fr Coaxial 0.018 Micro catheter systems for peripheral interventions.
2	2.0 Fr Micro catheter for easy navigation & interventions.
3	2.5 Fr Hand Shapeable Micro Catheter" for Peripheral- Hydrophilic coated, Kink resistant, Length: 100-150 cm, Guidewire compatibility: 0.014" - 0.027"
4	2.8 Fr Hand Shapeable Micro Catheter " for Peripheral- Hydrophilic coated, Kink resistant, Length: 100-150 cm, Guidewire compatibility: 0.014" - 0.027"
5	3 Fr-Microcatheter
6	2.4 Fr Steerable hydrophilic Microcatheter with 80 cm distal hydrophilic & tungsten braided shaft for multidirectional steering with lock
7	2.8 Fr Coaxial 0.018 Micro catheter systems for peripheral interventions.
8	2.2 Fr Coaxial 0.018 Micro catheter systems for peripheral interventions.
9	Smallest steerable microcatheter
10	1.98F micro catheter, having tungsten braiding and larger lumen of 0.022, PSI 1000,150cm length
11	2.6F Micro catheter, having tungsten braiding and larger inner lumen of 0.027, PSI 1000,150cm length
12	0.016 guide wire with technology, stainless steel having polymer jacket, 180cm length 1:1 torque response, longer shape retention
13	Coaxial Microcatheter with preloaded gold tip GT wire 021" and 0.25" inner diameter and with outer diameter of 2.7F and length of 130 and 150cms
14	Coaxial Microcatheter with preloaded gold tip GT wire 021". Superior technology integrated with tungsten coils for kink resistance. Thin wall design with large 0.022" inner diameter and outer diameter of 2.4 F and comes in length 130 and 150 cm's
15	Glide technology integrated with tungsten coils for kink resistance. Thin wall design with large 0.019" inner lumen and outer diameter of 2.0 F and comes in length 130 and 150cm's
16	Glide technology integrated with tungsten coils for kink resistance. Thin wall design with large 0.019" inner lumen and outer diameter of 1.9 F and comes in length 130 and 150 cm's in straight and Triple angle tip
17	Microcatheter with balloon Glide technology integrated with tungsten coils for kink resistance. Thin wall design with large 0.025" inner lumen and outer diameter of 2.7 F and comes with micro balloon of 4mm x 10mm which is volume based. ID 0.017. OD 1.9Fr Maximal volume 0.10ml
18	Micro catheter with durable metal tip, bi-directional rotation for crossing highly calcified more resistant lesions. 2.3 Fr, 150cm, 0.014 wire compatible. Low entry profile 0.50mm(1.5Fr) Should be compression resistant maintains inner lumen in highly calcified lesion. Should be directional to cross more resistant lesions
19	Dual lumen balloon plus Onyx TM liquid embolization system Hydrophilic for tortuous blood vessels temporary occlusion balloon catheter can infuse diagnostic & therapeutic agents such as embolic materials in to peripheral blood vessels & neurovascular vessels
G	SHORT SHEATH
1	Angiosheath 4 Fr to 11Fr 7cm/10cm/25cm with Total Integrated Fit tip tapering design at the tip of the sheath and dilator to facilitate smooth penetration
2	Angiosheath 4Fr to 11Fr 11 cm/23 cm with Hexagonal hemostatic valve technology 0.035" compatible
3	Angiosheath (short 11cm/27cm) 4Fr- 12Fr
4	Marker Tip Sheaths 4Fr to 8Fr length 11-23cm
5	Pediatric Angiosheath variable length and size
6	Tibio-pedal Access Angiosheath variable length and size
7	Radial Access Angiosheath 4Fr- 8Fr variable length and size
8	Radial Access hydrophilic flat wire braided thin-walled sheath suitable for distal trans-radial approach
9	Radial Access Angiosheath 4Fr- 8Fr or variable diameter & intermediate &/or long length
10	Radial access kit Needle length 2.5 cm & 4cm Wire length 45/60cm
11	Stainless Steel Spring wire for support & Nitinol super-floppy mandrel wire for tortuous navigation
12	Mini Access Kit for the placement of a 0.035" (0.89 mm) or 0.038" (0.97 mm) diameter guide wire into the vascular system. Kit should include coaxial introducer & stiffened dilator pair, 21G echo-enhanced needle, and .018" guidewire Size- 4F, 5F; Length- 10cm,15cm.
13	Short length (4cm) sheath with 45-degree angle hub. Should have large bore stop cock, pinch clamp, larger ID side arm tubing and high flow rates. Size- 5F, 6F, 7F, 8F; Guidewire- 0.018", .025", .038".
14	Short low profile sheath for AV fistula access
15	Wysham brachial access sheath 5/6/7Fr 5cm
16	GSPC Sheath 7Fr 40/85cm
17	Short sheath 10-20Fr 12/30cm
18	Introducer Sheath 5.5/6.5/7.5/8.5/9.5/10.5Fr12/30cm
19	Introducer Sheath 12-26Fr, 28cm
H	CROSSOVER SHEATHS
1	Crossover Long Sheath Cross Over long, Braided, Kink-Resistant, Hydrophilic I level of Stiffness Sheath Valve (Sterile)/ Tuohy-Borst Sidearm Adaptor Sizes 6 Fr/ 40cm, 7 Fr/40cm and 8 Fr/40cm
2	Femoral crossover sheath Valve (Sterile)/ Tuohy-Borst Sidearm Adaptor Sizes 4 to 8Fr or more Length 40/65/90cm
3	Crossover Super Flexible Sheath with Coil Wire Design Valve (Sterile)/ Tuohy-Borst Sidearm Adaptor
4	Peel away Sheath of varying sizes
5	Tri-force peripheral crossing set with outer 5.0 Fr Flexor sheath, a 4.0 Support Catheter, and a Peel-Away sheath
I	LONG SHEATHS

1	Long Guide Sheaths Coil-reinforced, Braided, Kink Resistance, and Hydrophilic Coating with Tuohy-Borst side arm adaptor/ Hemostatic check Valve Straight/ MPA/ Cobra/ Renal double/ Ansel 2/3 Sizes 4/5/6/7/8/9Fr &/or 10 to 14Fr Length 40/45/55cm &/or 70/80/90/110cm
2	Long Sheaths- Tibial infra-popliteal access system Coil-reinforced, Braided, Kink Resistance, and Hydrophilic Coating Sizes 4/5Fr Length 80cm to 110cm
3	Long Sheath Hand shapeable Coil-reinforced, Braided, Kink Resistance, and Hydrophilic Coating- with Valve Sizes 4 Fr to 9 Fr Length 55cm to 90cm
4	Tibio-pedal long sheath with 018 & 035 dilators
5	Long sheath 3 Fr 7cm & 50cm length
6	Long curved sheath 8.3 Fr 63 cm
7	Long sheath Diameter more than 10 Fr with variable length
8	Long Sheath Mullins design Sizes 5 Fr- 14 Fr Length 48/ 63/ 75/ 85 cm
9	Long sheath 4/ 5 Fr 23/35/45/55/75/90cm
10	Long sheath 5/ 6 Fr of various lengths
11	Long Sheath 6/ 7/ 8 Fr (Straight Tip)
12	Long Sheath 6/ 7/ 8 Fr (Angled Tip)
13	Long Sheath 3/4/5 Fr (Straight Tip)
14	Long Sheath 3/4/5/6 Fr (Angled Tip)
15	6 Fr Long sheath with length of 80cm
16	Guiding Sheath 6/7/8 Fr 45/65/90cm Straight Tip (ST), Multipurpose (MP), HS(Hockey Stick), RDC (Renal Double Curve), LIMA Size 6/7/8 Fr Length 45cm/ 65cm/ 90cm
17	Long sheath a single large 0.088" Intracranial Access Catheter for challenging anatomy including 360° loops and multiple cervical bends; 2 Catheters in 1 property of flexibility of distal access catheter with proximal support of a .088" intracranial Access catheter Size 8Fr 0.088" compatible Length 95cm/105cm
18	Guide Sheath 8Fr 0.096" (2.77mm ID/ 2.44mm) Advanced Stainless Steel Hypotube & Laser cuts for support, flexibility, precise atraumatic insertion, deliverability and stability in tortuous anatomy. Hydrophilic Distal 11cm Size ID 0.096"/2.44mm OD 8Fr/2.77mm Length 80/90/100cms
19	Long sheath with Distal Support System Size 6/7/8 Fr Length 80/90/100/110 cm Size 4.2Fr/0.043" Length 120/130 cm
20	Long sheath 8Fr; 035" guide wire Compatible with dilator Size 6Fr 88 Length 70/80/90cm
21	Long Sheath; 0.076/0.060; Size 6F Length 105/115/125 cm
22	Long sheath of variable sizes compatible for radial access
23	Sheath less hydrophilic braided guiding catheter
24	Steerable Introducer Sheath Size 5Fr to 14 Fr Length Variable
25	Guide Steerable Sheath Size 6.5/7/8.5Fr Length 45-90cm
26	Long sheath with coil-wire design to flex sheath at any point in any direction without kinking or losing support Specific designs for renal, carotid, trans-septal & crossover
27	Combination of delivery sheath and guiding catheter with tip deflection technology 0-180° avoiding repetitive catheterization, injury to the vessel wall and vascular ostium
J	GUIDING CATHETERS OR GUIDING SHEATH
1	6Fr Guiding Catheter Radiopaque stainless steel hybrid braid in length in size PTFE inner lining Polyurethane soft & visible tip Straight, MPC, MPD, Simmons2 & H1 Size 5Fr, 6Fr & 7Fr Length 90/100cm
2	5Fr, 6Fr & 7Fr Guiding Catheter Radiopaque stainless steel hybrid braid in length in size PTFE inner lining Polyurethane soft & visible tip Straight, MPC, MPD, Simmons2 & H1 Size 5Fr/ 0.056, 6Fr/ 0.070 & 7Fr/ 0.078" ID Length 90/100cm
3	Soft Tip Guiding Catheter
4	Vascular Guide catheter, with round and flat wire tungsten braiding, available in Size 6Fr I.D 0.071/ 7F I.D 0.081/ 8F I.D 0.091 Length 80/90/100/110cm
5	Femoral & Radial Guide catheter 7Fr 081 ID 0.081"/2.06mm & OD 7.4F/2.46mm Stainless Steel Hypo-tube Laser cuts provide support and flexibility Compatible with 7Fr Introducer Sheaths Hydrophilic 18cm Size 7Fr 081 ID Length 80/90/100 cm
6	Radial Access Guide Catheter with 079in ID with transition zone to better radial trajectory Size ID-6F; OD-7F Length 95/100/105cm
7	Radial Access Guiding Catheters 7 Fr 0.079" 95/100/105cm Compatible with 5 Fr intermediate catheter Size 7 Fr/I.D. 0.079 Length 95/100/105cm
8	6Fr (0.080") 071 KIT -105cm-MP easy navigation, optimal trackability and excellent visibility with a distal band marker, having Distal soft tip 12 cm Size 6Fr 0.080"/071" Length 105cm-MP
9	Dual Mode Radial Access Catheter 7 Fr, 95/105 cm, 0.072" I.D. & 0.095inch OD Stainless Steel Coil Reinforced Shaft, Membrane over Nitinol scaffold, Hydrophilic 30cm Straight Tip Shape Tracking mode for Highly Tortuous vessels Support Mode for Stability Size 7 Fr/ ID 0.072, OD 0.095 Length 95cm
10	Dual Mode Catheter 7 Fr, 105 cm, 0.072" I.D. & 0.095inch OD 7 Fr Highly Trackable Dual Mode Catheter with 0.72 ID Stainless Steel Coil Reinforced Shaft, Membrane over Nitinol scaffold, Hydrophilic 30cm Size 7 Fr/ID 0.072, OD 0.095 Length 105cm
11	Dual Mode Trans-radial/ Femoral Access Catheter with option for Tracking mode & Support Mode Stainless Steel Coil Reinforced Shaft, Membrane over Nitinol scaffold, Hydrophilic 30cm Size ID 0.072, OD 0.095 Length 95/105cm
12	Guide/ Intermediate Catheter Proximal Shaft stiffness for optimal stability 5 Transition Zone for Navigation Inner PTFE liner Soft, Round, 25' Pre Shaped tip Push-Torque- navigate braid; effective length 105-130cms; 58-072" ID; OD-6&7F
13	Guiding Catheter with Integrated Vessel Dilator and Hexagonal Hemostatic Valve Various shapes Size 4/5/6/7Fr/8Fr/9Fr Length 55cm to 95cm
14	Guiding Catheter with double braid design, polymer braided and atraumatic tip Various shapes Size 6/7/8Fr Length 55 & 90cm
15	Guide catheter of variable sizes compatible for radial access with tortuous anatomy
16	Coronary guiding catheter 4/5/6/7/8Fr
17	Tiger guide catheter for Radial access
K	DISTAL ACCESS CATHETER/ SUPPORT CATHETER
1	Distal access catheter with 6.3Fr/0.84/0.072 105/115cm
2	Distal access catheter with 5Fr/0.068/1.7mm/0.055 115/125 cm
3	Distal Access Catheter (DAC) Distal Access Catheter Available in .038, .044, .057 and .070 ID Braided shaft, True lumen even in tight curves, Soft, contoured tip

4	Distal Access Catheter designed for fast access and rapid revascularization with Hydrophilic coating Easy trackability, Uncoated proximal 50cm Easy handling and manipulation Accessories- Short Tuohy Borst, RHV, peel-away sheath ID- 0.060in (1.52mm), OD (distal/prox)- 5.4Fr (1.81mm)/ 6.0Fr (2.01mm), Lengths- 132 cm
5	Distal Access Catheter Diameter 5F/053, 6F/064, 7F/073, 8F/086 Length 90/100cm
6	Guide Cath 071 KIT-105cm-MP, Proximal and distal OD 6 Fr (.080") with 0.071 inner lumen. Working Length 105 cm and 9 cm distal soft tip for optimal trackability. Hybrid flat/round metal reinforcement enables both arch support and tortuous navigation. Polished atraumatic tip optimized for safe placement into distal anatomy Advanced polymer enables easy navigation and excellent visibility Comes with preloaded 5 Fr Select Catheter
7	Select Curved Catheter
8	Distal access catheter 0.039"/0.052"/0.065"ID Size Length 5Fr/0.068/1.7mm/0.055/ 115/125cm039/125,135,145cm 052/105,115,125,135cm065/105,115,125cm
9	6 Fr 053 Lumen Delivery Catheter Proximal/Distal 6 Fr-5 Fr OD with 0.053 ID 105/ 115 cm long with Straight/ MP Hybrid shaft Design with multilayer Stainless-steel Braid re-inforced proximal support Platinum-reinforced Distal shaft with Hydrophilic 12cm Distal Flexible zone Size 6Fr 0.053 ID Length 105/115 cm or more
10	Vascular Guide catheter, with round and flat wire tungsten braiding,Size 4.2F ID 0.043 Length 130cm
11	6.5 Fr Slipcath Curved Tip Catheter 105 cm
L	BALLOON GUIDING CATHETER
1	Balloon Guiding Catheter 6Fr Dual braided construction allows for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
2	Balloon Guiding Catheter 7Fr Dual braided construction allows for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
3	Balloon Guiding Catheter 8Fr Dual braided construction allows for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
4	Balloon Guiding Catheter 9Fr Dual braided construction allows for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
5	Balloon Distal access Catheter with proximal flow arrest Braided design Excellent Navigability Extraordinary pushability Hydrophilic coating Distensible balloon located 5 cm proximal to the catheter tip. 6F lumen to balloon and 5F distal to balloon
6	Balloon Guiding Catheter Over the Wire & Monorail 6 Fr compatible 1.5mm- 6mm balloon diameter
7	8 Fr with 0.087-inch ID & 0.110" OD Stainless Steel Coil Reinforced Shaft 13cm Hydrophilic Length of Shaft Usable Length 90 & 95cm 11.1 mm polyurethane Compliant Balloon
8	Balloon Guiding Catheter 6-9Fr radial and femoral access
M	GUIDEWIRES
1	Guidewire which facilitates catheter placement and exchange during aortic aneurysm (AAA) endovascular graft procedures
2	Amplatz Supper Stiff Wire exchange length 3cm J curve or 1 cm Straight tip 0.035"
3	PTFE pre-coated diagnostic guidewire 0.018, 0.020, 0.025, 0.032, 0.035, 0.038 and Lengths 150, 180, 260, 300 cm
4	Hydrophilic Glidewire Single length 0.025/0.035/0.038 inch distal flexible angled/ straight tip
5	Hydrophilic Glidewire Double length 0.025/0.035/0.038 inch distal flexible angled/straight tip
6	Glidewire Advantage 0.014/0.018/0.020/0.035 inch 180/260cm;11g tip load nitinol core wire Distal 25 cm polyurethane hydrophilic coating and proximal spiral PTFE coating
7	0.035 guidewire Rosenwire
8	0.035 guidewire Berenstein
9	Peripheral guide wire for Highly calcified lesions, 0.014 diameter, with tip load of 40gf,300cm length
10	Peripheral guide wire for Highly calcified lesions, 0.018 diameter, with tip load of 30gf,300cm length
11	Super elastic nitinol core features an excellent shape memory, flexibility and kink resistance. 0.012", 0.014 and 0.016" diameters and 200cm length.
N	EMBOLISATION AGENTS
1	Drug Eluting Microsphere Superabsorbent polymer, for TACE Size 30-60µm, 50-100µm
2	Polyethylene glycol particles for Embolization Syringe loaded different type of chemotherapeutic drugs Size 100mcg, 200mcg and 400mcg
3	Embolisation Particles which are irregularly-shaped, biocompatible, hydrophilic, nonresorbable; Embolisation particles are intended to provide vascular occlusion or reduction of blood flow within target vessels upon selective placement through a variety of catheters; Available in 45 -1180 microns diameters sizes
4	Septal Occluder devices
5	Endo Anchor device for short neck 4-10mm
6	Non-Adhesive Liquid embolic agent, composed of EVOH (ethylene vinyl alcohol) co-polymer dissolved in DMSO with high Density viscosity for embolization
7	Non-Adhesive Liquid embolic agent, composed of EVOH (ethylene vinyl alcohol) co-polymer dissolved in DMSO (dimethyl sulfoxide), available in 12, 18 & 34 centipoise viscosity and suspended micronized tantalum powder for embolization
8	Machine for mixing (shaking) Onyx liquid embolic system
9	Adhesive Liquid embolic agent 2-n-butyl Cyanoacrylate Glue for embolization
10	Pure Liquid embolic agent composed of n-hexyl cyanoacrylate monomers for the treatment of an AVM
11	Adhesive Liquid embolic agent for embolization of varicose veinNonthermal, non-tumescent, non-sclerosant dispensing gun-controlled viscosity & instant polymerisation
12	Ethiozed oil based contrast for embolization for better tissue/vascular visualization; Available in 5ml/10 ml or more vials; used in chemoembolization, conventional TACE, Lymphangiography
13	Gelfoam embolisation material
14	Biological thrombin hemostatic fibrin sealant used to arrest bleeding and as an adjunct to wound healing; Available in 0.5 and 1 ml.
15	D-Glucosamine 4x4cm hemostasis pad
16	Premixed embolic agent prehydrated resorbable porcine gelatin, layered silicate, and tantalum powder 1 ml vial Compatible microcatheter 0.024
O	THROMBECTOMY DEVICES
1.	Rheolytic thrombectomy mechanism without true contact with endothelium. Arterial /venous /AV access/ Av Access Graft & Fistula/ Main Pulmonary & Lobar Arteries applications including pump, tubing & bag
2.	8F Rheolytic thrombectomy catheter 0.035 wire compatible with power pulse mode for venous applicationMin vessel diameter 6mm Size 8Fr Length 105cm



3.	4F Rheolytic thrombectomy catheter, 0.014 wire compatible, with Power Pulse mode for BTK application Minimum vessel diameter 1.5mm Size 4Fr Length 145cm
4.	6F Rheolytic thrombectomy catheter 0.035 wire compatible with power pulse mode, Minimum vessel diameter 3mm Size 6Fr Length 120cm
5.	6F Rheolytic thrombectomy catheter, 0.035 wire compatible with power pulse mode, Minimum vessel diameter 3mm Size 6Fr Length 90 cm
6.	6F Rheolytic thrombectomy catheter, 0.035 wire compatible, Minimum vessel diameter 3mm Size 6Fr Length 50cm
7.	6F Rheolytic thrombectomy catheter, length, 0.035 wire compatible with power pulse mode, Minimum vessel diameter 6mm Size 6Fr Length 120cm
8.	Pressure Jet Hydrodynamic Rheolytic thrombectomy catheter
P	ASPIRATION THROMBECTOMY CATHETERS
1	Aspiration thrombectomy catheter Proximal OD and distal OD 8F with straight tip For 2.24mm vessels. Internal Diameter 088" Length 85 cm
2	Aspiration thrombectomy catheter Proximal OD and distal OD 8F with Torq tip For 15mm vessels Internal Diameter 088". Length 85 cm
3	Aspiration thrombectomy catheter Proximal OD and distal OD 8F with Extra Torq tip. Internal Diameter 088". Length 85 cm.
4	Aspiration thrombectomy catheter Proximal OD and distal OD 6F. Internal Diameter 070". Length 135 cm.
5	Aspiration thrombectomy catheter Proximal OD 4.1and distal OD 3.4F. Internal Diameter 035". Length 150 cm.
6	Separator Wire length 150 cm/ 175 cm Bulb diameter 0.072"/0.055" Compatible with Indigo Cat8/ 6 catheter
7	Continuous Aspiration thrombectomy catheter 12 F Laser cut hypotube Catheter for pulmonary embolism
8	20 Fr Flow Triever over the wire combined mechanical & aspiration device for Pulmonary Embolism
9	Aspiration thrombectomy catheter with Rotational atherectomy for smaller vessels
10	Rotational Thrombectomy Device Size 6 &7Fr Length 65cm& 135cm Sinusoidal wire Loop Diameter 9mm/15 mm
11	Ultrasound Mediated Lysis Device Fragment with High Frequency Ultrasonic Waves
12	Clot Trieval thrombectomy device
13	5/ 8 Fr aspiration catheter for arterial and venous system
14	5/ 8 Fr smooth tip with hydrophilic coating crescent circle lumen knick resistant guide catheter for aspiration
15	Proximal OD 6 Fr (.076") & Distal OD 1.93 mm Large 0.062" inner lumen to optimize clot extraction138cm Working Length
16	Proximal OD 6 Fr(.060") & Distal OD 1.52 mm Large 0.043" inner lumen to optimize clot extraction160cm Working Length
17	Proximal OD 6 Fr (.080") & Distal OD 1.42 mm Proximal ID .064" & Distal ID 0.041 Working Length 139 cm
18	Proximal OD 4.7 Fr (.062") & Distal OD 1.27 mm Proximal ID .043" & Distal ID 0.035 Working Length 160 cm
19	Aspiration catheter with augmented thrombus removal; large bore 12F/14F/16F Compatible 16F Length 80 -115cm
20	Thrombus extraction rapid exchange catheter Hydrophilic coating on the distal 18 cm Compatible 0.014" guidewire Size 5.5, 6, 7 and 8 Fr
21	Mechanical Aspiration pump for providing continuous vacuum suction -29.2 in Hg Canister with integrated clot catcher
22	One Liter capacity, polycarbonate, calibrated, blood and clot collecting non-sterile jar withintegrated clot catcher. Protecting microfilter inside the canister lid. Compatible to sterile aspiration tubing with blue marking. FDA Approved
23	Aspiration tubing Compatible to Aspiration Reperfusion catheters 285 cm Long and 0.110" ID Silicon tubing with male-female Connectors
Q	ATHERECTOMY DEVICES
1.	PATHWAY Atherectomy device for Fibrotic/ Thrombotic lesions
2.	ROTATIONAL Atherectomy device for Calcified Proximal/Distal lesions
3.	DIRECTIONAL Atherectomy device for Fibrotic/ Not Severely Calcified Proximal lesions (with EPD .014 system Plaque excision system) Size 6/7 Fr Length 110-150cm 2-7mm vessel diameter
4.	ASPIRATION Atherectomy device for Fibrotic/ Thrombotic Distal lesions
5.	LASER Atherectomy device for Fibrotic/ Thrombotic Distal lesions
6.	ORBITAL Atherectomy device for Calcified lesions
7.	Intravascular Lithotripsy devices
R	IVC FILTER
1	IVC Filter standard & Over-the-Wire-technique via, jugular, femoral, antecubital or popliteal access Compatible 5Fr
2	Retrievable IVC Filter 6 Fr Compatible for Diameter up to 30 mm
3	Retrievable IVC Filter Transverse symmetry for stable large capacity clot trapping at the cranial basket filtration layer
4	IVC filter Deployment through Femoral, Jugular and Antecubital Vein access
5	Retrieval Kits Single and Triple-Loop designed with the rigor of IVC filter retrievals
6	Single Loop Diameter Snare system 4Fr to 6Fr and 5mm to 35mm
7	Microsnare system 3 Fr or smaller
8	IVC Filter Retriever 10 Fr compatible through Transfemoral access
S	FOREIGN BODY RETRIEVER
1	Vascular Snare multi loop (Foreign body Retrieval set)
2	Microsnare Foreign body Retrieval set
3	Alligator Foreign body Retrieval set
4	Forceps Foreign body Retrieval set
5	Stone extraction set
6	Basket Foreign body Retrieval set
7	Balloon Foreign body Retrieval set
8	Microphlebotomy hook

	The Endovascular single-loop snare designed to provide both accuracy and reliability for effective foreign body manipulation and retrieval 9 SUPER elastic nitinol flexibility and kink resistance snare loop size 2mm -35mm
10	Endovascular Snare System Three interlaced loops to retrieve and manipulate foreign objects in the body Snare Loop Size 2mm to 45mm Titanium Nitride TiN Coated Tungsten Loop Increased biocompatibility Enhanced fracture resistance Micro snare Loop Diameter 2 to 7 mm
11	Catheter Length 175cm Snare Loop Diameter 5 to 35mm Catheter Length 100cm
12	Vascular snare Kit independent triple loop design to support complete vessel coverage for tortuous or large anatomy Compatible 3.2 to 7Fr Loop diameter 2 to 47mm
13	Snare Kit single loop design to support for large hollow viscus anatomy Compatible 3 to 6Fr Loop diameter 3 to 35mm Length 50 to 175cm
T	DIALYSIS PORT ACCESS
1	Chronic tunneled cuffed Hemodialysis size with insertion technique antegrade & retrograde 15 Fr x 19/23 cm
2	Tunneled central catheter for Hemodialysis 12 Fr
3	Tunneled central catheter for Hemodialysis 8 Fr
4	Chronic tunneled cuffed Hemodialysis Pediatric size
5	Tunneled central catheter for Hemodialysis for Left Jugular access with modified peel away sheath & atraumatic dilator &/or retrograde insertion after snare
6	Tunneled central catheter for Hemodialysis for Antegrade &/or retrograde insertion with or without peel away sheath & snare
7	Tunneled central catheter for Hemodialysis for Trans-femoral access
8	Tunneled central catheter for Hemodialysis for Trans-lumbar access
9	Tunneled central catheter for Hemodialysis for Trans-hepatic access
10	Acute HD catheter adult size(double/triple lumen catheter straight/curved)
11	Acute HD catheter pediatric size(double lumen catheter straight/curved)
12	Chemoport
13	Chemoport with lower profile introducer compatible
14	Endovascular AV Fistula creation >2mm cephalic vein/ basilic vein/ proximal radial artery 21G percutaneous venous access for AVF creation
U	VASCULAR CLOSURE DEVICE
1	Plug mediated vascular Closure device for 6 Fr and above
2	Collagen vascular plug
3	Fibrin Sealant
4	Extrinsic collagen sponge for manual compression
5	Thrombin injection for percutaneous embolization
6	Vascular Closure device Plug made of PGA for plug deployment from outside the lumen 6 Fr and above
7	Vascular Control Closure Device integrates 2-button design with active extravascular sealing & resorbability properties Indicator visual confirmation of device position for proper sealant deployment 5-7F femoral arterial access sites
8	Vascular Closure Device consists of Polyethylene Glycol (PEG), a water-soluble, bio-inert, non-thrombogenic polymer Grip Tip & Sealant react with PH No sutures, clamping, or metal implants Extravascular sealant dissolves within 30 days
9	Vascular Closure device Plug deployment from inside the lumen without sheath exchange, collagen sandwich manner up to 12 cm working length & 90 days absorption time 6 Fr and above
10	Vascular Closure device Bioabsorbable anchor, collagen & suture mediated compatible with 70 cm guidewire & J straightener 6& 8 Fr
11	External compression device for femoral & other access sites
12	Compression device for Radial & other access sites
V	HEPATOBIILIARY ACCESS, DRAINAGE & MISCELANEOUS
1	TIPSS set Transjugular intrahepatic porto-systemic shunt access set
2	TIPSS set
3	Portal Vein Access set liver parenchyma and vasculature Echogenic tips for visibility Bidirectional 360 degree Steerable Curved needle 17G/ stylet 040" & stiffening cannula
4	Transjugular Liver biopsy System Needle Gauge 18G/ 19G Sheath 7Fr 60cm Metal Stiffener Straight Catheter 5Fr 65cm Curved Catheter 5Fr 80cm
5	Transjugular Liver, Renal or other organ access & biopsy System
6	Percutaneous trans-hepatic or other site 018 to 035 convertible coaxial Access Set
7	Liver Access and Biopsy Set
8	Biliary Brush Biopsy Set
9	Transjugular Liver Biopsy Set
10	Long spinal needle no 16-25
11	Chiba needle 16/18/20/21/22/23 G for biliary/PCN procedure 15cm/22cm/25cm/30cm/more
12	Butterfly or scalp needle with tubing 16 to 24 G
13	Long chiba needle of variable sizes
14	Single wall puncture needle required for angiography 16/18/20/21/22g
15	Double wall puncture needle Gelco 16/18/20/21/22g
16	Trocar Needle 18G Length 15 & 20cm
17	Micro puncture Pedal Introducer Access Set
18	Hydrophilic coated Dilator coons 5 Fr to 24 Fr, Length: 20 cm
19	Hysterosalpingography HSG malleable introducer sheath
20	Fallopian tube recanalisation HSG Balloon catheter non latex
21	Catheter 5.5Fr 0.035" Length 40cm Catheter 7Fr 0.038" Length 40cm
22	Peritoneal Dialysis Catheter
23	Umbilical Access Catheter
24	Abscess Drainage Set Pleural Fluid Drainage 12 Fr to 28 Fr with Length 41cm, Stiffening obturator, 2 pati trocar needle, wire and dilators
25	Pleural centesis catheter with Air Lock Valve & bleed control Safety valve Size 4/5/6/8 Fr Length 7/10/12/16/20/25cm
26	MAC-LOC Locking Loop Multipurpose Drainage Catheter; Kink Resistance, 2-part Trocar Needle 5-14 Fr, Length 25 cm
27	"Multipurpose Drainage Catheter: Kink Resistance, Mac-Loe and Cope loop locking, 2- part Trocar Needle, 6 side ports 8 - 14 French Length 25 and 45cm

	Percutaneous Nephrostomy Set: 8.3 Fr, Length 30 cm, 21G Needle, 18G Needle, 0.038 Stiffed Curved Wire, Dilator, Polyurethane Catheter,
28	Connecting Tube
29	Pressure transducer
30	Pressure infusion set
31	Ring pressure device
32	Tuohy-borst large bore clear plastic sidearm adapter -'Y' Connector
33	Tuohy-borst large bore clear plastic sidearm adapter -'W' Connector
34	Dual-seal hemostasis valve with compression & bleed back seal. Push-and-hold mechanism freeing other hand to deliver interventional equipment. Valve rated up to 400 psi, Inner lumen: 0.096" (2.44mm)/7.3F
35	Medical high grade quality non leaky W-connector Screw type
36	Check-flo hemostasis assembly
37	One way Stopcock
38	Two way Stopcock
39	Three way Stopcock
40	DMSO compatible syringes
41	Glue compatible syringes
42	Luer lock syringes
43	Glass syringes
44	Luer lock syringes ranging from 0.25 to 60 ml made of polycarbonate material with reinforced plunger
45	Manifolds in 2, 3, 5 Port with configuration of left-right orientation, On-OFF handle, full- half body, 200 PSI-500 PSI rating and wide port spacing. Should have clear polycarbonate body to provide durability and visibility, airless rotator and large bore inner lumen throughout including rotator
46	High pressure tubing in 25, 51, 76, 122, 183cm with Braided, flexible tubing of polyurethane rated 1200 PSI
47	PTCA kit (1) Three Port manifold with knobs to turn "Right" when open (2) One pressure line, (3) fluid connecting line, (4) contrast connecting line, (5) one three way stop cock, (7) one Y-connector hemostatic valve with spring type push and release mechanism, (8) one inflation device with manometer upto 30 atm (easy to operate with luminescent dial),(9) one luer lock controlled syringe of 10 ml with finger grip, (10) Insertion needle, (11) torque device.
48	Device for inflation and deflation to a maximum of 30 atmospheres pressure with display (9) one luer lock controlled syringe of 10 ml with finger grip, (10) Insertion needle, (11) torque device.
49	Device for inflation and deflation to a maximum of 30 atmospheres pressure with display for PTA catheters for PTA catheters
50	Triaxial core, cut, and capture system to harvest diagnostic-quality specimens; Centimeter markings provide reference for placement depth; echogenic trocar and blunt introducer needles
51	Tapered distal cannula for slowly and safely dilating access; Twin peaks cutting edge provides excellent biopsy coring ability Double-diamond stylet point allows quick and easy penetration into marrow cavity
52	Laminated synthetic, non-woven material that is strong, soft, stable, and repellent. It has the comfort and draping of linen while repelling fluids like a synthetic material.
53	High Pressure injection lines upto 1200 PSI
54	Nylon bags for pressurisation of fluids. Dual-setting pressure relief valve.
55	Vascular Compression Band Double Bonded Radial Balloon soft flexible band interchangeable syringe connection compatible with standard luer syringes
56	Scatter Radiation Drapes of various sizes
57	3-way stop cock, Handle design complying to ergonomics Pressure up to 30atm (440 psi) Inflation Device
58	Radial hemostasis band in 24cm and 29cm Curved backer plat with large area& clear unobstructed site visibility, convenient tubing clip with two check valve options and device stickers. Should be available with standard luer and specialized connection syringe
59	Angiography Tray 3, designed for intervention radiology procedures.
60	Inflatable, transparent dome offers precise pressure for improved patient comfort compared to manual femoral compression
61	Pressure Assisted Devices for obtaining radial hemostasis with manual compression, and during patient recovery, positioning and transport
62	Pressure Assisted Devices for obtaining hemostasis with manual compression, and during patient recovery, positioning and transport
W	DRUGS
1	Inj. Urokinase vial for thrombolysis
2	Inj. r-TPA- Tissue Plasminogen Activator for bolus & infusion
3	Inj. Tissue Plasminogen Activator Vial for multiple boli
4	Inj Tenectaplast
5	Inj. Abciximab Vial for peripheral vascular procedures
6	Inj. Aspirin
7	Inj. Nicorandil 2mg Vial for peripheral vascular procedures
8	Inj Diltiazem
9	Inj. Verapamil
10	Inj. Sodium tetradecyl sulphate STS
11	DC (Doxorubicin)-Beads HCC Tumour Chemoembolization
12	Non Ionic contrast - Low-osmolar dimer (350mg/dl) 50ml
13	Non Ionic contrast- Low-osmolar dimer (350mg/dl) 100ml
14	Non Ionic contrast Low-osmolar monomer(370mg/dl) 50ml
15	Non Ionic contrast Low-osmolar monomer (370mg/dl) 100ml
16	Non Ionic contrast iso-osmolar monomer(240/270mg/dl) 50ml for deranged KFT
17	Non Ionic contrast iso-osmolar monomer(240/270mg/dl) 100ml for deranged KFT
18	Non Ionic contrast iso-osmolar monomer (300/320mg/dl) 50ml for deranged KFT
19	Non Ionic contrast iso-osmolar monomer (300/320mg/dl) 100ml for deranged KFT
20	Tab Acetyl salicylic acid 150
X	CAROTID STENT
A	OPEN CELL DESIGN CAROTID STENT
1	Open Cell Design Self Expanding Laser Cut Nitinol Stent, Micromesh Geometry Compatible 5-8mm/ 5 Fr; 9-10mm/ 6Fr 014" Guidewire Size Straight 5 to10mm Length 20/30/40/50mm

	Covered implant Microporous polymer membrane over rapid exchange balloon catheter optimal surface coverage & pore density Aneurysm Occlusion Device, immediate aneurysm occlusion while maintaining side branch patency Diameter 3.25 to 4.5mm Length 15-25mm
	Covered implant Microporous polymer membrane over rapid exchange balloon catheter optimal surface coverage & pore density for immediate aneurysm occlusion while maintaining side branch patency Post Dilatation Balloon Diameter 3.75 to 4.75mm Length 7mm
B	OPEN & CLOSED CELL HYBRID DESIGN CAROTID STENT
	Dual Layer Self-Expanding Nitinol Open cell stent with PET Close cell Mesh for optimal flexibility and enhanced plaque scaffolding Compatible 6F Long sheath/8 F guiding (.082") PET Mesh has smallest pore size (165micron) of any carotid device. Compatible 0.014" guidewire Size 6 to 10mm Lengths 20/30/40/60mm
C	EPD
	Embolic protection system with multiple points of contact Soft, low-profile flexible tip & nitinol filter basket to allow for smooth advancement & conform to vessel tortuosity Shapeable distal tip deflects catheter from stent struts Homogeneous laser-cut holes large capture volume while allowing blood flow Filter wire torqued independently from filter
D	PROXIMAL BALLOON OCCLUSION DEVICE FOR CAROTID STENT
1.	Temporary balloon occlusion catheter system for carotid system; Compatible with 014/018" guide wires of variable sizes and diameters.
2.	Temporary occlusion & aspiration Device For Carotid Stent
3.	Proximal Balloon Occlusion Device Simultaneous CCA & ECA occlusion 13mm 6 mm Device For Carotid Stent
4.	Proximal Balloon Occlusion Device Occlusion balloon Device For Carotid
5.	Flow Reversal Device for Carotid Stent PAES Flow Reversal Parody Anti Emboli System; ICA reversal; CCA ECA balloon 11Fr external AV fistula creation Device For Carotid Stent
Y	COILS
A	Neuro-Endovascular
1	Endovascular coils Supersoft 10 Complex/ Helical Coil Size 1mm- 5mm Length 1cm-13cm Thermal Detachment system
2	Endovascular coils 10 Soft, Complex / Helical Coil Size 2mm- 8mm Length 3cm-27cm Thermal Detachment system
3	Endovascular coils for the embolization of vascular malformation Pushable Flow Coils with free spirales for injection Compatible 1.2Fr/ 1.5Fr & 0.017 Microcatheter
4	Y side-arm connector prolonged by a 2way stopcock, Push & Pull Hemostatic
5	Endovascular coils Detachable platinum 10 system and 18 system 3D geometry Framing coil first loop 2mm smaller than actual coil diameter Size variable loop diameter Thermo-mechanical detachment
6	Endovascular coils detachable platinum 10/18 system 2D Filling coil
7	Endovascular coils detachable platinum 10/18 system 2D Finishing coil Thermo-mechanical detachment
8	Endovascular detachable platinum coils Exceptionally soft coil 0.010" inch coil OD0.000125" filar size Finishing coil
9	Endovascular detachable platinum coils All-in-One-coil Exceptionally soft coil 0.010" inch coil OD0.000125" filar size 3D Framing, Filling, Finishing Thermo-mechanical detachment
10	Endovascular Detachable platinum 10 system coils with first loop 2mm smaller than actual coil diameter Hydrogel coated inner core 3D Framing coil variable loop diameter Thermo-mechanical detachment
11	Endovascular detachable platinum very soft coils Hydrogel coated with inner core 0.012" coil OD Helical filling and finishing coil Thermo-mechanical detachable
12	Endovascular coils Variable loops and waves geometry variable diameter platinum Filling coiling length Thermo-mechanical detachment
13	Thermo-mechanical Coil Detacher audible sound alerts visible light alert ergonomic design can be held in one hand.
14	Endovascular coils Softer coils 0.020" (0.00125"-0.0015") High density packing coil 400 (3D/ 4D) Size Complex 3 to 32 mm Length 6 to 60cm Standard & Soft 2 to 4mm Length 1 to 10cm Extra Soft Filling 7 to 25cm Mechanical detachment
15	Mechanical detachment system. Cock and release system Easy and reliable detachment.
16	Endovascular coils 10 & 18 Frame & Fill Coil system Stretch resistance Predictable three dimensional shape with outward loop deployment design concentrically fill aneurysm Thermo mechanical Detachment
17	Endovascular coils 0.010 & 0.018 OD Coil More Metal One Coil Stretch resistance Frame & Fill Coil Thermo-mechanical Detachment
18	Endovascular coils 0.012OD Xtrasoft coil Complex random loop coil & half size Coil Stretch resistance Frame & Fill Coil Simple hydraulic detachment
19	Random Loop Complex Shape, 0.012" coil Extra soft Size 2 mm to 4 mm various lengths with instant hydraulic (Mechanical) detachment
20	Random Loop Complex Shape, 0.012" coil Extra soft Size 2 mm to 20 mm various lengths with instant hydraulic (Mechanical) detachment
21	Thermo-Mechanical Detachment system for detachment Sound alert on coil
22	Endovascular coils Helix with progressive coil diameter which gives optimum packing Size 2 to 25mm Mechanical detachment system
23	Endovascular coils Embolization coils 3D with progressive coil diameter Size 2 to 25mm Mechanical detachment system
24	Endovascular coils Embolization coils 3D OD 0.0115", Size 4 to 6mm Length 6/8/10/12/15/20cm, Mechanical detachment system
25	Endovascular coils Embolization coils Helix OD 0.0115", Size 4 to 6mm Length 6/8/10/12cm Mechanical detachment system
26	Endovascular coils Embolization coils 3D OD 0.0108" Size 1 to 3.5mm Length 2/3/4/6/8/10cm Mechanical detachment system
27	Endovascular coils Embolization coils Helix OD 0.0108", Size 1 to 3.5mm Length 1/2/3cm Mechanical detachment system
28	Endovascular coils no handles, boxes, or cables required for detachment 18-system complex Framing- 6mm/16cm to 25mm/60cm; complex Framing- 2mm/2cm to 10mm/34cm; 10 system Complex Finishing- 1mm/2cm to 5mm/10cm Helical Filling- 3mm/4cm to 10mm/30cm Helical Finishing- 1mm/2cm to 6mm/10cm Mechanical detachment mechanism
29	Electric Detachment Device with Compatible Cable
30	Coil detacher with detaching point applied with polymer wire and immediate fusing technique, which ensure the detachment finishing within 1 second
B	MICROWIRE Neuro-Endovascular

1	Micro Guidewire for magic micro catheter 210cm long with Rx distal radiopaque marker of 8cm.
2	Micro Guidewire guide wire with OD 0.012" tapering to 0.008", 200 cm, R/O length 10cm, STS hydrophilic coating.
3	Micro Guidewire soft and extra support Guidewire, Nitinol-stainless steel hybrid wire, distal tip core 0.012 inch OD, distal 1.5cm shapeable, re-shapeable 'N' times, proxima docking system
4	Micro Guidewire exchange Guidewire with docking mechanism, compatible
5	Micro Guidewire Standard/ Soft Platinum- Tungsten Alloy Coil Tip Flat ribbon distal core wire Round Stainless steel proximal core wire Microfabricated nitinol hypotube technology with a pattern of machined slots
6	Micro Guidewire sciatinum core wire and ICE coated wire, 2cm reshapable 014, 190cm length wire
7	Micro Guidewire Standard & Soft Neuro 0.014 guidewire, 205 cm in Length, Stainless steel core with Flattened distal segment. Hydrophilic coating, Distal 10c Platinum/tungsten coil
8	Micro Guidewire Steerable Dock-extendable Hydrophilic Guidewire,
9	advanced navigability Minimized "whip effect" and more kink resistance Straight Shapeable Tip & 5 cm Radiopaque Length
10	proprietary core alloy
11	Diameter 0.014" Length 205cm Hydrophilic Coating 36 cm
12	Micro Guidewire 0.014"Diameter 318 cm Total Length GW + EXT
13	Neurovascular guidewire with 0.008 diameter with ACT-ONE technology, radiopacity 9cm, available in 200cm length
14	Neurovascular guidewire with 0.010 diameter with ACT-ONE technology, radiopacity 3cm, available in 200cm and 300cm length
15	Neurovascular guidewire with 0.014 diameter radiopacity 3cm, available in 200cm length
16	Neurovascular guidewire with 0.018 diameter radiopacity 3cm, available in 200cm length
17	Neurovascular guidewire 0.014" Core-to-tip design Multi-section mandrel design Two different sheath structures 3cm visible guide wire headend Good Torque Response 0.014" Length 200/320cm
18	Stainless Steel Hydrophilic coated core wire with Tungsten doped Polymer jacket. 014" Reshapeable tip 2cm Length 205 cm
19	High torque, stainless steel with a radiopaque distal platinum coil tip hydrophilic guide wire 0.010 & 0.014, 200cm with torque device for use with microcatheters
20	Microwire with tip having sensor and AI Applicable for Stroke, Peripheral arterial disease/ other
C	MICROCATHETER Neuro-Endovascular
1	Micro catheter Double progressive step braiding 155cm length microcatheter with 3 Rx marker at distal tip for aneurysm coiling
2	Micro catheter Preshaped Microcatheter 90 degree tip length 5mm with 0.017 ID, 2.1F proximal OD, 1.7F distal OD. 150 cm usable length, Nitinol braded, permitting 0.014" guide wire, RBP 250 PSI, DMSO Compactable
3	Micro catheter Straight tip microcatheter with 0.017 ID, 2.4F proximal OD, 1.9F distal OD. 150 cm usable length, Nitinol braded, permitting 0.014" guide wire, RBP 250 PSI, DMSO Compactable
4	Micro catheter Straight tip microcatheter with 0.021 ID, 2.7F proximal OD, 2.4F distal OD. 153 cm usable length, permitting 0.014" guide wire, DMSO Compactable
5	Straight tip/Preshaped 45* & 90*/J Curved soft distal tip & progressive flexibility with proprietary 3 performance zones single-lumen Microcatheter, 0.017" ID 2.2/1.8F OD 150 cm working length dual radiopaque markers permitting max. 0.014" guide wire
6	Straight tip Microcatheter with proprietary soft distal segment of 6 or 10cm & flexible single coil segment of 15cm, 0.021" ID 2.6/2.3F OD 150 cm working length permitting max. 0.018" guide wire.
7	4.7/4.2F OD, 0.0445" ID, working length of 105 or 120cm distal access catheter with proprietary 3 performance zones provide superior pushability & highly trackable support system
8	Microcatheter for super selective catheterization with 165 cm usable length, 0.013 ID, 2.7F Proximal OD, permitting 0.010" guide wire for Onyx injection
9	Micro catheter microcatheter for super selective catheterization with 165 cm usable length with point of detachment module, two marker bands, distal shaft nitinol braiding, 1.5F Distal Tip, 2.7F Proximal OD, detachable tip length of 1.5cm, permitting 0.010" guidewire for Onyx injection, with syringe adaptor
10	Micro catheter microcatheter for super selective catheterization with 165 cm usable length with point of detachment module, two marker bands, distal shaft nitinol braiding, 1.5F Distal Tip, 2.7F Proximal OD, detachable tip length of 3cm, permitting 0.010" guidewire for Onyx injection, with syringe adaptor
11	Micro catheter Hybrid braided catheter for Liquid Embolic Injection, coil reinforced and braid reinforced, One tip marker microcatheter, 167 cm, 0.0165inch ID, 0.014" compatible, Guidewire, Steam shapeable, DMSO compatible, 2.1F Proximal OD, 1.3F Distal OD
12	Micro catheter Hybrid braided catheter for aneurysm coiling and Liquid Embolic Injection. coil reinforced and braid reinforced, two tip marker microcatheter, 156 cm, 0.0165 inch ID, 0.014" compatible Guidewire, Steam Shapeable, DMSO compatible, 2.1F Proximal OD, 1.6F Distal OD,
13	Micro catheter two tip marker coil reinforced microcatheter, 0.027 inch ID, steam shapeable, 7 segments along the shaft length, 3.1F Proximal OD, 2.6F Distal OD
14	Micro catheter Proximal OD 2.95-Fr Distal OD 2.6Fr, 0.025" ID with 160cm long. Compatible with 5MAX/4MAX DDC, Nitinol Core reinforcement Design with new advanced, polymer/ MAX tracking technology, Single marker tip
15	Micro catheter Proximal OD 2.95 Fr Distal OD 2.6Fr, 0.025" ID with 0.020 wire compatible. 150cm long Straight, 45, 90, 130 degree tip shape, Nitinol Core reinforcement Design with new advanced polymer/MAX tracking technology, 2 tip markers.
16	Micro catheter 1018 Microcatheter, Thin wall large Lumen, 2.0F (0.67mm) Low Profile Distal Shaft ID- 0.019in, Occlusion coil compatibility- 10, 14, 18 coils, Distal segment- Stainless steel helical coil reinforcement construction, Seamless Mid Shaft Braid Transition, Proximal shaft- features three layers of SS braid.
17	Micro catheter Thin wall large Lumen, 1.7F (0.56mm) Low Profile Distal Shaft, ID- 0.0165in Atraumatic distal tip, Distal segment- Stainless steel helical coil reinforcement construction, Seamless Mid Shaft Braid Transition, Proximal shaft- features three layers of SS braid
18	Micro catheter High-durometer proximal shaft provides excellent pushability and support, low-durometer and flat-ribbon distal shaft provides best-in-class tip shapeability. Proximal Fluoro-saver marker designed to reduce radiation exposure and decrease procedure times. Distal/Proximal OD- 1.7F/2.4F, ID- 0.017in Rounded and atraumatic tip engineered to reduce vessel trauma and ease stent recrossing. Cross-Helix flat-wire braid provides best-in-class shape retention for superior vessel selection
19	Micro catheter Microcatheter 0.0165 & 0.021 Tru lumen and Accurate tip Position 0.0165 & 0.021 Microcatheter Dual Marker Coil reinforce Microcatheter, Multiple polymer zone, PTFE inner from hub to tip, 150cm length in both 0.0165 & 0.021, 170cm length available in 0.0165 with 50cm flexible length, Straight, 45 degree, 90 degree, J shape Available

20	Microcatheter, 160cm, 5cm; 2.8F/2.3F; 0.0021" Straight 2
21	Micro catheter Dual Layer Hydrophilic Coating Micro Catheter Braiding/ Coiling reinforcement with Different Flexibility Zone Shapable Tip Inner PTFE liner Must available all Internal Diameter: 0.0165", 0.021", 0.027" Compatible to do coiling as well as Stent Deployment
22	Micro catheter PNOV-27-150 150 157 8 33 80 0.028/ 0.71 2.8/ 0.95 2.9/ 0.96 (max.1.03 mm) 0.0406"
23	Micro catheter PNOV-21 Neurovascular Microcatheter PNOV-21-155 155 162 15 29 55 0.022/ 0.56 2.4/ 0.80 2.4/ 0.80 (max. 2.7 F/ 0.90 mm)
24	Micro catheter Straight tip Microcatheter for super selective extracranial catheterization with 0.017 ID, 2.1F proximal OD, 1.7F distal OD. Nitinol braded, 150 cm usable length, permitting 0.014" guide wire, RBP 250 PSI, DMSO Compactable
25	Micro catheter with durable metal tip, bi-directional rotation for crossing highly calcified more resistant lesions. 2.3 Fr, 150cm, 0.014 wire compatible. Low entry profile 0.50mm (1.5Fr) Should be compression resistant maintains inner lumen in highly calcified lesion.
26	Should be di-directional to cross more resistant lesions
27	Proximal OD 2.95 fr Distal OD 2.6fr 0.025" ID with 160cm long; Nitinol Core
28	reinforcement with advanced polymer tracking ; Single marker tip
29	Proximal OD 2.95 fr Distal OD 2.6fr 0.025" ID with 0.020 wire compatible. 150cm long Straight, 45, 90, 130 degree tip shape Nitinol Core Two marker tip
30	Exceptional visibility with atraumatic tracking; Hub designed to facilitate introduction of stent retriever; 165 cm in length
31	Disposable microcatheter Three-layer structure of the microcatheter High static pressure Multi-segment design with smooth transition ensures excellent flexibility, crossability, and pushability 0.015" ID 2.2F/1.8F 150cm 0.0165" ID 2.3F/1.9F 150cm 0.021" ID 2.8F/2.3F 150cm 0.027" ID 2.8F/2.5F 140cm
32	Shapeable distal tip single lumen Microcatheter 0.027 ID 3.2/2.8F OD distal flexible length 10 cm
33	Dual lumen balloon catheter plus Onyx TM liquid embolization system temporary occlusion balloon catheter can also infuse diagnostic and therapeutic agents (such as embolic materials) into peripheral blood vessels and neurovascular vessels
D	Neuro-Endovascular Balloons
1	Double lumen compliant balloon for navigating through tortuous anatomy; Compatible with 0.12/0.14" guidewires; Balloons having diameters ranging from 2 to 5 mm and variable lengths. Balloons can be used to deploy coils/ Delivers liquid embolic agents
2	DMSO Compatible super compliant double lumen balloon for distal/bifurcation/sidewall remodelling & deploying stents, flow diverters and injecting squid Diameter up to 6mm length 20 cm
3	Detachable Latex Balloon for CCF
4	Hydrophilic progressive suppleness PUR SIL catheter for Goldbal Detachable Balloon (Teflon Distal Tip)
5	6/7/8/9 Braided Balloon tip Guiding Cath Dual braided construction allows for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
6	Single lumen remodelling balloon catheter 2.8F proximal OD, 2.2F distal OD, tip length 4mm, permitting 0.010" guide wire, assorted sizes
7	Single lumen remodelling balloon catheter 2.8F proximal OD, 2.5F distal OD, tip length 2mm, permitting 0.010" guide wire 4 to 7 mm length for asymmetrical vasculature
8	Single lumen remodelling balloon catheter 7mm diameter-7mm length for asymmetrical vasculature, 2.8F proximal OD, 3.0F distal OD, tip length 2mm, permitting 0.010" guidewire.
9	Compliant balloon for side wall aneurysm/ Liquid Embolic Injection-Coaxial lumen balloon catheter, total 3 tip marker, distal tip of 5mm, 0.014" compatible Guidewire- DMSO compatible lumen for liquid injection Can deploy LVIs Jr through it 4x10, 4x15, 4x20mm Dead space 0.44 cc
10	Extra compliant balloon for bifurcation aneurysm / Liquid Embolic Injection, Coaxial lumen balloon catheter, total 3 tip marker, distal tip of 5mm, 0.014" compatible Guidewire. DMSO compatible lumen for Liquid Embolic injection Can deploy LVIs Jr through it 4x11mm Dead space 0.44 cc
11	PTA Balloon Catheter, Over the wire catheter with an ID of 0.0165", Usable length of 150 CAMP, Flexible Tip with atraumatic access, Flexible Tip with atraumatic access, Diameter (mm): 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, Slim Entrance profile and Double Hydrophilic Coating
12	Neuro PTA Balloon Catheter, Indicated for intracranial stenosis Non-/semi-compliant Balloon Rapid exchange system for easier delivery Easy access to distal lesions due to advanced flexibility 160 cm long shaft long soft distal tip hydrophilic coating
13	Diameter 1.25 to 4.0mm Lengths 10 to 40mm
14	Retrievable vasospasm treatment device • Atraumatic distal strut design NAC coating for excellent visibility and process control • Platinum rivets marking the distal end of working length • Compatible with a 0.021" ID microcatheter Shaft Diameter [mm]
15	Intracranial Semi-compliant Balloon Catheter Diameter 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 4mm Length 9, 12, 16, 20, 24, 30mm
16	Dual lumen balloon plus Onyx TM liquid embolization system Hydrophilic coating tortuous blood vessel temporary occlusion balloon catheter can also infuse diagnostic and therapeutic agents (embolic materials) into peripheral blood vessels and neurovascular vessels Diameter 2.2 mm Length 9mm Compatible 0.010" 165cm guidewire Diameter 4mm Length 10/15/20mm Compatible 0.014" 150cm guidewire
17	Over The Wire Dual Lumen Balloon Catheter Diameter 1.5 to 4mm Length 9/15/20mm Compatible 1.5-2.0mm/2.25-3.25mm/3.5-4.0mm 3.2F Proximal OD/ 2.3-2.4-2.7F Distal OD
18	Over the wire Nylon Balloon catheter (.035") more stable than over the wire rapid exchange for intracranial atherosclerosis angioplasty; Dual lumen shaft; balloon diameters ranging from 4-10 mm; Balloon lengths 40- 80mm.
19	Ultra-Slim Balloon Drug Coated Balloon For Tortuous Anatomy Low Profile Marker Bands Compatible 5F Introducer Sheath Diameter 2-4 mm Lengths 10-40mm
20	Microcatheter for tortuous anatomy with distal supple tip and balloon mesh for better navigation. Catheter length ranging from 100 to 150 cms; Available in various sizes
E	STROKE ASSEMBLY STENT RETRIEVER
1	Stent Retriever neurovascular Self-Expandable Nitinol stent with parametric design, Fully deployable, completely retrievable, intended for ischemic stroke, thrombus retrieval, Device Diameter 6mm Length 30mm
2	Stent Retriever Fully visible under fluoroscopy Non- detachable Tailored Radial Force Compatible 018 & 027 Microcatheter Device Sizes 3x20mm, 4x20mm, 4x30mm, 6x25mm
3	Stent Retriever Self-expandable laser cut stent made of nitinol with Compatible 0.017" microcatheter Device Diameter 3mm
4	Stent Retriever Hybrid Cell Design (Small Close Cell and Large Open Cell) Compatible Microcatheter 017"/ 021" ID Device Diameter 3.5 to 4.5mm 017" ID 6mm 021" ID

5	Stent Retriever Nitinol Transport wire with Sleek Proximal Surface for enhance grip and improved performance of the device Compatible 0.017"/ 0.21" Microcatheter Device Diameter 3.5/4.5/6.0 mm Length 28/30/40mm
6	Stent Retriever Dual Layer Proximal Spiral & Distal Barrel Section Outer Cage For resistant tough clot retrieval Compatible 0.021" Microcatheter Vessel Diameter 1.5-5.0mm Device Diameter 2.25mm/ 4.5mm Length Working 28mm Proximal Coil 20mm Overall 1927mm
7	Stent Retriever Compatible 0.021" ID/ 0.027" ID Microcatheter Guide Catheters & Balloon Guide Catheters minimum ID of 0.0856Fr 125cm/132cm 0.071" 0.081" 0.0825" TIP LENGTH- 4 mm Vessel diameter 1.5-5.0mm Device Diameter 5.0mm Device length 194cm/ 195cm Working length 21mm/ 33mm
8	Remarkable navigability and visibility due to proximal gold marker, helocoidal central markers, distal platinum markers, Pusher with distal tapered design. Compatible with 017"/021"/027" microcatheters; Sizes ranging from 3mm to 6mm with lengths from 15 to 50 mm
9	Stent Retriever Nitinol round wire reinforcement with Drop Restoration Zone Proximal OD 4.7 Fr (.062")/ Distal OD 4.3 Fr
10	Proximal ID.043"/ Distal ID 0.035" Compatible 0.021 microcatheter Working Length 153cm Vessel Diameters 2.0- 4.5mm
11	Retrieval device with radial forcer for clot retrieval; Compatible with 017 microcatheter; Diameter 3-6 mm with no of spheres 3-5 and length 20-44mm.
E	BALLOON GUIDE CATHETER
1.	Balloon guide catheters for proximal support and distal conformability to vascular anatomy; Having proximal and distal balloon markers; Introducer sheath sizes ranging from 6 to 9 Fr.
2.	Braided Balloon Tip Guiding Cath 6/7/8/9 Fr Dual braided construction for improved proximal support with distal flexibility, guiding catheter with a silicone distal balloon with distal and proximal balloon marker,
3.	8 Fr 0.087inch ID & 0.110" OD Stainless Steel Coil Reinforced Shaft Hydrophilic Shaft Length 13cm Length 90 & 95cm Compliant Balloon 11.1mm
4.	
5.	Stent Graft Balloon Catheter Compatible 12Fr Diameter 8Fr shaft 10-46mm
6.	Balloon Guiding Catheter 6-9Fr radial and femoral access
7.	Balloon Guide Catheter ID 0.087" O.D. 0.110" Distal Hydrophilic 13cm Balloon Length 11mm
8.	Balloon Distal access Catheter with proximal flow arrest Excellent Navigability due to braided design with extraordinary pushability Distensible balloon located 5 cm proximal to the catheter tip. Hydrophilic coating 6F lumen to balloon and 5F distal to balloon
F	ASPIRATION CATHETER
1	Aspiration Catheter system with an ID 070/036" for the aspiration of soft emboli and thrombi from the arterial system.
2	Reperfusion Catheter Proximal OD 6 Fr (.080")/Distal OD 4.3 Fr Proximal ID .064"/ Distal ID 0.041" Working Length 139cm
3	Reperfusion Catheter Proximal OD 4.7 Fr (.062")/ Distal OD 4.3 Fr Proximal ID .043"/ Distal ID 0.035" Working Length 153cm
4	Aspiration tubing 285 cm Long and 0.110" ID Silicon tubing with male-female connectors with Detachable Flow control switch. Color coded (Blue) attachment hub Compatible to Max Reperfusion catheters
5	Microcatheter Proximal OD 2.95 Fr Distal OD 2.6 Fr 0.025" ID Length 160cm
6	Microcatheter Proximal OD 2.95 Fr Distal OD 2.6 Fr 0.025" ID with 0.020 wire compatible. Length 150cm Straight, 45, 90, 130 degree tip shape
7	Rounded distal tip Soft, atraumatic advancement in fragile distal vessels Hydrophilic coating Easy trackability, Uncoated proximal 50cm Easy handling and manipulation OD (distal/prox)- 5.3F (1.76mm)/5.6F (1.86mm) ID- 0.058in (1.47mm) Lengths- 115 cm
8	ID- 0.060in (1.52mm), OD (distal/prox)- 5.4F (1.81mm)/ 6.0F (2.01mm), Length 95cm and 80cm 8F/ 9F Min ID .078in in 8F/ .085in in 9F
9	Lengths 132 cm
10	Aspiration Catheter aspiration tubing ID 0.074"/ 0.071" 6.6F OD/ 6.5F Lengths 115/125/132 cm
11	71 Reperfusion Catheter, 137cm .071" 55 Reperfusion Catheter, 37 cm .055" 45 Reperfusion Catheter, 144 cm .045" 35 Reperfusion Catheter, 158 cm .035"
12	Powerful Aspiration Pump capable of providing -29.5 in Hg vacuum
13	Aspiration catheter with fully braided shaft & 23 cm long large rapid exchange segment 6 and 7 Fr
14	Aspiration Catheter Smooth tip designed with unique hydrophilic coating, crescent circle lumen, kink resistance shaft Guiding catheter compatibility 6F & 7F
15	Aspiration Catheter Smooth tip designed with unique hydrophilic coating, crescent circle lumen, kink resistance shaft Guiding catheter compatibility 6F & 7F
16	Fast and reliable clot extraction through a large 071" lumen with coil and braided reinforcement.
17	Thrombus Aspiration system 072" ID 115/125/130cm
18	064" ID 115/120/125/130/135cm 058" ID 125/130/135cm
19	048" ID 125/130/140cm 038" ID 150/160cm
20	Aspiration pump system with Continuous negative pressure 20~95 kPa, stable suction: rapid removal of large-load thrombus 0.072 inner ID and 0.085 outer ID with adaptive tip with smooth navigation Increased surface area for better thrombus grasp 072" inner ID and .085" outer ID; Usable length of 132 cms; Introducer sheath of 6F.
21	072 Aspiration Catheter, 140cm .072" Dual coil PTFE liner
22	0.068" ID, 0.083" OD, 132cm working length Aspiration Catheter with soft atraumatic Bevelled distal tip.
23	0.071" ID, 0.0855" OD, 132cm working length Aspiration Catheter with soft atraumatic Bevelled distal tip
24	Aspiration System
25	Aspiration accessories
G	STROKE KIT
1	Balloon Guiding Catheter with Stent Retriever
2	Aspiration Catheter with tubing & pump
3	Long Sheath Aspiration Catheter & Pump
4	Tri-axial Access Navigation & Support System
5	Penta-Axial Access Navigation Support System
H	INTRACRANIAL STENT FOR STENT-ASSISTED COILING OR FLOW RESTORATION FOR STENOSIS
1	Intracranial Stent Single round wire Nitinol braid with flared ends 16 wire passes hybrid compliant closed 1mm cell design radio-opaque 4 proximal/ distal tantalum markers and double helix tantalum stands 0.021" lumen compatible

2	Intracranial Stent Single round wire Nitinol braid with flared ends 12 wire passes hybrid compliant closed 1.5mm cell design radio-opaque 3 proximal/distal tantalum markers and double helix tantalum stands 0.017" lumen compatible
3	Intracranial Stent Self Expanding 16 braided DFT wire sliding technology to adapt vessel anatomy with atraumatic flared ends 0.017" compatible, No foreshortening up to 80% recapture & repositionable 2.5/3.0/3.5/4 mm
4	Intracranial Stent for Intracranial Disease Compatible 3.5F/135cm/ 0.064"ID/90cm Diameter 2.5,3.0,3.5,4.0,4.5mm Length 9,15,20mm
5	Intracranial Stent Self-Expanding, Nitinol, Laser Cut & Closed cell Design vascular reconstruction Flared Ends, Radiopaque Stent positioning marker; Recapturable stent Device; Four Radiopaque Marker on distal & Proximal end of stent; Compatible 0.021 Microcatheter Size 4x16, 4x23, 4x30
6	Intracranial Stent Surface Finishing Braided Nitinol Stent composite wire with Platinum Core Flared End and Closed Distal Ends Compatible 0.017" ID Microcatheter Diameter 2.5, 3.5, 4.5mm Length 10, 15, 20, 25mm
7	Intracranial Stent Surface Finishing Braided Nitinol Stent composite wire with Platinum Core Flared End and Closed Distal Ends Compatible with 593, 0.0165" 0.039" ID distal access catheter Diameter 7 to 10 mm Vessel 5.5 to 10mm Length up to 60mm or more
8	Intracranial Stent Highly Flexible Self-Expanding Laser cut Nitinol Stent with Asymmetric Closed Cell Design for high flexibility; 3 Gold X-Ray Markers on each end of stent Low Profile Design Compatible .017" Microcatheter 3.5 to 4.5mm, Compatible .021" Microcatheter 6.00mm
9	Intracranial Stent Nitinol Self-Expanding Laser cut Stent for Intracranial Stenosis Closed Cell Compatible 0.0165" ID Semi-Compliant Balloon Catheter Diameter 3.0,3.5,4.5,6.0mm Length 15,20,25,30,35mm
10	Intracranial Stent Nitinol Self-Expanding Laser cut Stent for Intracranial Stenosis Surface antithrombogenic coating Closed Cell Compatible 0.0165" ID Semi-Compliant Balloon Catheter Diameter 3.0,3.5,4.5,6.0mm Length 15,20,25mm;
11	NXT cable set for Neurovascular Self expandable Nitinol Stent detachment
12	Intracranial Stent Self-Expandable Nitinol Neurovascular remodelling aneurysm bridging stent, Fully deployable completely retrievable, open slit closed cell design, 3 distal and 1 proximal marker, electrically detachment Size 3-20, 3-30, 4-15, 4-20, 4-30mm
13	Intracranial Stent Self-Expandable Nitinol Neurovascular remodelling aneurysm bridging stent, Fully deployable, completely retrievable, open slit closed cell design, 4 distal and 1 proximal markers, electrically detachment, for Size 5-20, 5-30, 6-20, 6-30mm
14	Close cell design Intracranial Stent delivered through 0.021" Microcatheter one diameter fits Arteries 2mm-4mm in different usable Lengths.
15	Self-expanding Open Cell Stent Low-profile Laser-cut Anti-thrombogenic Hydrophilic Polymer CCoated Wide neck aneurysms, dissections & intracranial stenosis For Vessel diameter 2.5-4.5mm Compatible 0.017" ID microcatheter Diameter 2.5 & 3.5mm Length 15,20,25,25,30cm
16	<b>J</b> INTRACRANIAL FLOW DIVERTER STENT/ FD
1	Intracranial Flow Diverter Stent 48 braided wires Mesh-like design, Compatible through 0.017 Micro catheter, Re-sheathable up to 90%, Homogenous mesh surface, Short rounded flared ends, Full Visibility, 9.0mm angulated distal lead wire, Kink free reinforced nitinol pusher wire, Diameter 2.25 to 3.25mm Length 10 to 25mm
2	Intracranial Flow Diverter Stent 48 wire Nitinol braiding with Sliding Cell technology, Four Radio-opaque helicoidal markers which run on entire body of flow diverter stent. Eight extra Platinum smaller wires in the braiding of the stent giving "Border effect". Compatible with Vasco 21(0.024") or COPERNIC 2L Balloon. Re- sheathable up to 90%, Diameter 2 to 5.5mm Length 15 to 40mm Tailor-made Tapered also available
3	Intracranial Flow Diverter Stent embolisation Device Flow diverter Bimetallic self- expanding braid design, 25% platinum tungsten, 75% cobalt chromium 48 strands interwoven in standard pattern, 95% resheathable, available in various lengths in Diameter 2.5 to 5mm
4	Intracranial Flow Diverter Stent Embolisation Device with Shield technology (Phosphoryl choline covalently bonded on stent) Flow diverter Bimetallic self-expanding braid design, 25% platinum tungsten, 75% cobalt chromium 48 strands interwoven in standard pattern, 95% resheathable, available in various lengths in Diameter 2.5 to 5mm
5	Intracranial Flow Diverter Stent self-expandable Nickel Titanium, paired- stent, Integrated Dual Layer design partially resheathable with tantalum markers on proximal and Distal ends 0.027" microcatheter, length 156cm, compatible. Two Helix.tantalum strand for full length visualization. Availability of longer lengths > 35mm
6	Intracranial Flow Diverter Stent Superior diversion- Flow Diverter has the most consistent mesh density when compared with market-leading flow diverters— facilitating reliable and consistent occlusion. Over-the-Wire Advantages reliable opening Designed for consistent deployment while allowing the physician to maintain wire access. Accurate Placement- Never shorter than its labeled length after deployment. Consistent Mesh Density- 3.25mm- 64 wires, 4mm- 64 wires, 4.5mm-64 wires, 5mm- 64 wires;
7	Braided wire material- Cobalt chromium alloy Marker wire material- 92% platinum, 8% tungsten; Mesh density (pores/mm2)- 20-32
8	Intracranial Flow Diverter Stent Surface Finishing; 48 wire braids Nitinol composite wire with Platinum Core; 3 Platinum Iridium X-Ray Markers at both end; Flared End and Closed Distal Ends; Diameter 3.5,4.0,4.5,5.0,5.5,6.0mm Length 15,20,25,30,40,50mm
9	Surface Coated Mini Flow Diverter Surface Finishing, Nitinol composite wire with Platinum; Flared End and Closed Distal wire End for reliable distal opening 95% repositionable Compatible 0.021 microcatheter up to 3.5mm Diameter 1.5 to 6 mm vessel
10	Surface Treated Self-Expanded Nitinol Flow Diverter, antithrombogenic coating 64 wire Braided Compatible 0.017 microcatheter,
11	Diameter 1.5 to 8 mm Diameter 1.5 to 8 mm
12	Retrievable and Re-release Flow Diverter High metal coverage ;Suitable up to 2.0 to 6.0mm vessel diameter Length 15 up to 70mm.
13	Flow diverter with mechanical balloon delivery system; Cobalt Chromium alloy with excellent wall apposition; Diameter ranging from 4 mm to 6mm with variable lengths
<b>K</b>	<b>INTRACRANIAL ENDOLUMINAL OR BIFURCATION ANEURYSM DEVICE</b>
1	Intrasaccular bifurcation aneurysm device embolization system minimizes the need for a dual anti platelet regimen required for intra luminal therapies Compatible 017/027/033 microcatheter SL/SLS for size 2-10mm
2	Self-expandable Nitinol Intra-saccular Device for the treatment of wide-necked bifurcation aneurysms Double Layered 144 hybrid wire mesh Contour Shape Size 2 to 14mm Neck 1.5 to 10.5mm



3.	Embolization of intracranial aneurysms focusing on treatment at the neck, Ease of use – Requires the physician to only size the neck of the aneurysm The device in variable sizes allowing for the treatment of small to medium aneurysms compatible with an 0.021 micro-catheter
4.	Intrasaccular Coil Assisted Flow Diverting Stent Eclips Shape 48 Wire Mesh Diameter 11mm Neck 1.5 To 14mm
5.	Shorter shaft provides reliable stability Stent-like structure for secure anchoring and long- term stability Complete deployment and recoverability ensures optimal placement Distal Crown & petals providing bridging structure at the level of the neck Easy to pass through crown with a microcatheter for coiling Electrolytic detachment via a new proprietary process Compatible with a 0.021" ID microcatheter.
6.	Device for Wide neck bifurcation aneurysm.
7.	Intravascular device
8.	Intrasaccular Coil Assisted Flow Diverting Stent 48 hybrid wire Eclips Shape mesh for the treatment of Aneurysm with neck; Sizes 1.5 to 14mm diameters
9.	Intrasaccular device deployment microcatheter as per the size of the aneurysm
10.	Detachment device for WEB device
L	OTHER MISCELLANEOUS PRODUCTS
1	Laser Radial Fibre
2	Laser Bare Fibre
3	Radiofrequency Ablation Unipolar Single/Multi Prongs
4	Radiofrequency Ablation Bipolar Single/Multi Prongs
5	Microwave Ablation Electrodes
6	Intravascular Lithotripsy Catheters

7	Vessel Plasty SSset
8	Ethiodized Poppy Seed Oil -5cc
9	Ethiodized Poppy Seed OIL -10cc
10	Lipiodol Compatile Syringes
11	Trans Septal Needle With Sheath And Pig Tail Wire
12	Trans Catheter Arterialization of Deep Vein System
13	Angiographic Drape Set
14	OCT Catheter
15	IVUS Catheters
16	Camera Cover
17	Disposable Radiation Protective Covers And Padding
18	Nasolacrimal Stent
19	Detachable 3D Helix Coil Ranging From Length 2 to 20 mm For Peripheral Embolization
20	Detachable 018 And 035" Detachable Coil ; Ranging From 8mm to 20 mm And length 20 to 50 cms
21	Detachable Coils With Improved Retractibility And Fibre Thrombogenicity; 0.035 Drilvery Catheter; 4-20 mm length With 7-14cms Length
22	Compression Stockings For Varicose Veins
23	Renal Denvervation RFA System
24	Neurostimulation Device For Spinal Cord Stimulation (SCS) & PeriphAl Nerve Stimulation (PNS) Which uses an implantable pulse generator (IPG) generating mild electrical impulse to interrupt pain singals before they gets to your brain using lead to resolve or lessen pain
25	OTW Dual lumen microcatheter with two completey sepearate over the wire lumens and three distal exit ports allow unqie complex PCI procedural techniques as Antegrade Dual Access (ADA) Subintimal space and guidewire Redirection (SGR) and simultaneous hematoma decompression in the subintimal space and guidewire probing
26	CTO Scoring balloon designed to cross severe lesions due to its ultra low profile balloon and internal stiffening wire reaching from the hub to the tip resulting in high penetration capability
27	5F introducer sheath; 150cm length; 0.014 Rx length 4mm 25/30atm distal hydrophilic 20cm
28	1.5F 0.6MMX 5MM
29	Rapid exchange (Rx) microcatheter with delivery lumen and the additional over the wire (OTW) Lumen 5F introducer sheath 135cm working length
30	0.014 1.5F low lesion entry profile
31	Proximal profile 2.6F/ (0.86mm)
32	Distal profile OD oval low profile design 2.3F x 3.3 F
33	Balloon catheter designed to trap wires within guiding catheters securely for an efficient exchange of OTW catheters the tactile auto stop at the hemostatic valve guide correct insertion depth by preventing the tip from exiting the guiding catheter 6F 7F 8F Introducers sheaths; 90/100cm 2F 2.5mmx15mm
34	Single use device consisting of a hub with strain relief shaft distal tip and torquer the device provides a torquers then can be used to lock the proximal part of the catheter to the wire in such such a way that the guide wire and the catheter act as being one integral device
35	5F 135cm/155cm 0.014
36	3F/2F 0.52mm/0.48mm 135cm/155cm
37	Distal hydrophilic 25/60cm
38	Rapid exchange microcatheter with tapered soft tip ; transforming guidewire support and lesion crossing ultra low profile to facilitate lesion entry and penetration
39	5F Introducer sheath with 15cm shaft
40	0.44mm /0.017"/1.3F hydrophilic,0.014"/0.36mm distal hydrophilic 12cm
41	Extension catheter with a radiopaque soft tip for true distal end visibility facilitating precise device positioning device with optimal lumen integrity and smooth device delivery
42	5F, ID>0.056"(1.42mm) 25cm 150cm
43	Extension catheter with pressure dampening through 9small perfusion openings in the distal shaft with a distal shaft length of 15cm the catheter is customized for optimal use in transradial procedures 6F ID >0.070"(1.78mm) 0.056"(1.42mm) 15cm 150cm length
44	Bi -directional steerable guiding sheath for the introduction and placement of diagnostic and therapeutic devices into the human vasculature including but not limited to intracardiac transeptal and other placements range of 8.5F, 10F and 12F with true bidirectional tip deflection of 180 overall sheath length ranging from 87-91cms ;sheaths curve size 17-55 mm
45	Hemostatic peel away introducer system for vascular access it include a side port with a 3-way stopcock that provide a convenient means of aspirating and flushing the introducer size available 5F to 16.5F 13cms sheath length with 18cms dilator.length
46	Stent with closed cell construction and silicone coating designed to resist tissue in growth rounded ends reduce the risk of tissue trauma and prevent perforation falred stent ends secure the stent and prevent it from migration stent sizes ranging from 8-20 mm diameter and stent length ranging from 20-80mm
47	Double lumen microcatheter with tip diameter of 1.5F Hydrophilic coating of 38 cms usable length 145cms double stainless steel core
48	Self expanding nitinol siege vascular plug; highly deliverable and recapturable to enable precise placement for vessel occlusion sizes- 1.56 mm in diameter delivered via microcatheter
49	Aspiration system with handle and cannula; syringe barrel with 10-30 cc per pull ;large end hole aspiration available in 30&40 F seizes multiple tip angles of 0,20,85,180
50	An innovative deep distally penetrating neurovascular embolic ideal foe oncology , peripheral uses as well as middle meningeal artery (MMA) embolization ; a water based ionic polymer solution in a delivery syringe ; simple prepaeration ( ready to use syringe) radiopaque material allows for real time visualization controllable material deliverery; consistent distal penetration without dilution; no risk of catheter entrapment
51	Thrombectomy system with small profile and large aspiration funnel shaped bore; self expanding design single pass catheter design with integrated handle for better control and aspiration
52	Braided self expandable stent as single use implantable device to work as endoluminal prosthesis for placement Into cerebral venous sinuses.