RATE CONTRACT FOR PROCUREMENT OF ENT AND NEUROSURGERY CONSUMABLES FOR THE GENERAL HOSPITAL USE

All India Institute of Medical Sciences, Jodhpur

NIT No. : PROC-2/RC/11/2024-AIIMS.JDH

NIT Issue Date : 01st January, 2025

Last Date of Submission : 31st January, 2025

Date of Opening : 01st February, 2025

Pre-Bid Meeting : 13th January, 2025

Tender documents may be downloaded from institute's web site www.aiimsjodhpur.edu.in (for reference only) and CPPP site https://eprocure.gov.in/eprocure/app



All India Institute of Medical Sciences, Jodhpur

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Website: http://www.aiimsjodhpur.edu.in

All India Institute of Medical Sciences (AIIMS), Jodhpur (Rajasthan) an apex healthcare institute established by an Act of Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites Online Bids in Two Bid System for **Rate Contract for Procurement of ENT and Neurosurgery consumables for the General Hospital use.** You are requested to quote your best offer along with the complete details of specifications, terms & conditions as mentioned in the succeeding paragraphs.

General Instructions to Bidders:

- 1. Bids shall be submitted online only at CPP Portal website: https://eprocure.gov.in.
- 2. The complete bidding process is **ONLINE**. The Bidder should be in possession of valid Digital Signature Certificate (DSC) for online submission of bids. Prior to the bidding, DSC needs to be registered on the mentioned above website. For any assistance for e-Bidding Process, if required, bidder may contact to the Help Desk at 0291-2740741.
- 3. Tenderers / Bidders are advised to follow the instructions provided in the 'General Instructions to the Bidders' for the e-submission of the bids online through the Central Public Procurement Portal at https://eprocure.gov.in.
- 4. Bid documents as mentioned in the succeeding paragraphs to be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 5. **Bid Security (Earnest Money):** The bidder shall be required to submit the Bid Security (Earnest Money) for an amount of ₹ 2,00,000 /- by way of Demand Draft / FDR / Bank Guarantee [*ANNEXURE-VIII*] only. The Bid Security (Earnest Money) shall be drawn in favour of "All India Institute of Medical Sciences, Jodhpur".
 - a) The Bid Security (Earnest Money) of the Unsuccessful Bidders shall be returned after the *Award of Contract*.
 - b) The Bid Security (Earnest Money) of Successful Bidders shall be returned after the receipt of Performance Security.
 - c) No request for transfer of any pervious Bid Security or Performance Security or Payment of any Pending Bill held by the institute, in respect of any previous work, will be entertained.
 - d) The bidder is not permitted to withdraw his offer or modify the terms and conditions thereof. In case the bidder fails to observe and comply with the conditions made herein or backs out after quoting the rates, the Earnest Money will be forfeited.
 - e) The Bid Security (Earnest Money) has to be submitted by all the bidders except Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organization or the concerned Ministry or Department [or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)]. Copy of registration must be provide along with technical bid. No other relaxation shall be allowed.

f) No Claim shall lie against AIIMS- Jodhpur in respect of interest on the amount of Bid Security (Earnest Money).

The Original Hard Copy of only of the Bid Security (Earnest Money) document must be delivered in the office of Deputy Director (Admin), AIIMS, Jodhpur before the last date / time of Bid Submission. The bid without Bid Security (Earnest Money) will be summarily rejected. The copy of Bid Security (Earnest Money) must be attached while submitting / uploading the Technical Bid.

- 6. The bidder must read and examine all the terms, conditions, instructions etc. contained in the NIT. Failure to provide and/or comply with the required information, instructions etc. incorporated in the Tender Documents will result in rejection of Bid.
- 7. The rates quoted, approved and accepted by the Executive Director, AIIMS shall be valid for **Two Years** from the date of **Award of Contract**. (Extendable on mutual agreement, under the same Terms & Conditions as prescribed in this contact, if required).

8. SUBMISSION OF TENDER

- a) The bid shall be submitted online in Two Parts viz. (A) TECHNICAL BID and (B) FINANCIAL BID (in the attached BoQ / Excel Sheet at CPP Portal).
- b) All the pages of bid being submitted must be signed and sequentially numbered by the bidder, irrespective of nature of content of the documents before uploading.
- c) The Technical Bid Documents **MUST BE** submitted and sequenced / arranged in the following order, **failing this may result in rejection of the bid** (**MOST IMPORTANT**):

SEQUENCING	DOCUMENTS				
First	Details of the Bidder and Key Person for any communication regarding Rate Contract [Name, Designation, Type of Firm (Sole Proprietor, Partnership, Company, PSU etc.), Contact Number, eMail Address and Office Address].				
Second	cond All the Annexures are to be submitted in proper sequence / order from ANNEXURE-I to ANNEXURE-XI (Except for ANNEXURE-VIII & ANNEXURE-IX).				
Third	Bid Security (Earnest Money) in the form of Demand Draft or FDR or Bank Guarantee [ANNEXURE-VIII].				
Forth	List of Quoted Items [ANNEXURE-IX].				
Fifth	Registration Certificate of the firm.				
Sixth	GST Registration Certificate of the firm.				
Seventh	PAN Card of the firm.				
Eighth	No Case Pending Declaration (Must be submitted as affidavit on ₹ 100/- Non-Judicial Stamp Paper).				
Ninth	Mandate Form / Bank Details.				
Tenth	Licenses / Certificates as per US-FDA / European CE / Equivalent Indian Standards (wherever applicable).				
Eleventh	Drug Licenses issued by Central / State Drug Controller.				

Twelfth	Any other relevant document regarding special instructions / use / storage / shelf life.
Thirteenth	Import License issued to the Authorized Agent / Importer by the Government of India.
Fourteenth	Income Tax Return Acknowledgement for Last Three Assessment Years (A.Y. 2021-22, 2022-23 & 2023-24).
Fifteenth	Average Annual Turnover Certificate / Statement duly verified and audited by Charted Accountant (for the F.Y. 2020-21, 2021-22 & 2022-23).
Sixteenth	Profit & Loss A/c and Balance Sheet (in chronological order for F.Y. 2020-21, 2021-22 & 2022-23).
Seventeenth	This NIT Document and its Corrigendum (if issued by the institute), <i>all pages duly signed and stamped</i> .
Eighteenth	Any other relevant document (left to be included in this list).

The offer submitted via Telegram / Fax / Email shall not be considered. No correspondence will be entertained in this matter.

GENERAL TERMS AND CONDITIONS

Sub.: Notice Inviting bids for "Rate Contract for Procurement of ENT and Neurosurgery consumables for the General Hospital use at AIIMS Jodhpur" at All India Institute of Medical Sciences- Jodhpur.

1. PARTIES

The parties to the contract are the contractor (the bidder to whom the Award of Contract have been awarded) and the AIIMS- Jodhpur through Administrative Officer, All India Institute of Medical Sciences, Jodhpur for and on behalf of the Executive Director, AIIMS, Jodhpur.

2. PRE-BID MEETING

- a) Pre-Bid meeting is scheduled on **13th January, 2025 at 03:00 PM** at Conference Hall, Medical Superintendent Office, OPD Building AIIMS Jodhpur. The bidders are advised to submit representation only through email at procurement.aiimsjodhpur@gmail.com; on or before 15th January, 2025 till 05:00 PM as well as in Physical Copy during the PRE-BID Meeting if any.
- b) The bidder MUST keep the subject of the eMail as "Rate Contract for Procurement of ENT and Neurosurgery consumables for the General Hospital use at AIIMS Jodhpur :PROC-2/RC/11/2024-AIIMS.JDH".
- c) The representations received thereafter and on any other Email ID of the Institute will not be entertained.
- 3. The proposal for rate contract may be submitted in the prescribed format and all columns may be filled up. Incomplete proposals and tenders received after due date shall not be entertained. Any bids received by the Institute, which does not fulfill the terms and conditions shall be rejected out rightly and no communication in this regard shall be sent. Delayed / Late Bids will not be accepted, in any circumstance.
- **4.** Bids comprising of such vague and indefinite expression such as 'Subject to prior confirmation', 'Subject to immediate acceptance' etc. will be treated as vague offers and rejected accordingly. Any conditional tender shall be rejected summarily.
- 5. The bidder shall not be permitted to withdraw his offer or modify the terms and conditions thereof. In case the tenderer fails to observe and comply with stipulation made herein or backs out after quoting the rates, the amount of Bid Security (Earnest Money) will be forfeited.
- **6. Only Original Manufacturer (OM)** can bid in the Rate Contract. The Authorized Indian Agent (Importer) of Foreign Firm can also bid (the Authorization Certificate as per the **ANNEXURE-II**, showing the Validity Period, must be submitted / attached in the Technical Bid).
- **7.** At any time prior to date of submission of tender, AIIMS-Jodhpur may, for any reason or decision, modify the terms & conditions of the tender document by a corrigendum displayed on the website of AIIMS-Jodhpur (http://www.aiimsjodhpur.edu.in). In order to provide reasonable time to take the

amendment into account in preparing the bid, AIIMS-Jodhpur may, at its discretion, extend the date and time for submission of bids.

8. DOCUMENTS COMPRISING THE BID: The Two Bid System i.e. (A) TECHNICAL BID and (B) FINANCIAL BID

(A) TECHNICAL BID

To qualify in the Technical Bid the firm must fulfill the minimum eligibility criteria as under and the firm in this regard must submit / attach the following documents in support of their eligibility criteria:

- a) Details of the Bidder and Key Person for any communication regarding Rate Contract [Name, Designation, Type of Firm (Sole Proprietor, Partnership, Company, PSU etc.), Contact Number, eMail Address and Office Address] must be submitted.
- b) Technical Information and Undertaking as per Contract Form [ANNEXURE-I].
- c) Manufacturer's Authorization Certificate only as per format [ANNEXURE-II].
- d) Tender Acceptance Form [ANNEXURE-III].
- e) Non-Blacklisting Certificate [ANNEXURE-IV], that the firm has not been blacklisted in the past by any Government / Private Institution on ₹ 100/- Non-Judicial Stamp Paper.
- f) No Deviation Certificate [ANNEXURE-V] on ₹ 100/- Non-Judicial Stamp Paper.
- g) **Price Justification Certificate** [**ANNEXURE-VI**] on ₹ 100/- Non-Judicial Stamp Paper.
- h) The bidder must submit duly filled & signed certificate of Land Border Declaration [ANNEXURE-VII], on ₹ 100/- Non-Judicial Stamp Paper, in compliance of the terms and conditions mentioned in Department of expenditure OM No. 6/18/2019-PPD dated: 23rd July, 2020 and subsequent guidelines issued thereafter.
- i) Copy of **Bid Security (Earnest Money)** in the form of Demand Draft or FDR or Bank Guarantee [**ANNEXURE-VIII**].
- j) List of Quoted Items [ANNEXURE-IX].
- k) Calculation of Local Content [ANNEXURE-X] (if applicable).
- I) Affidavit of Self Certification regarding Local Content [ANNEXURE-XI] on ₹ 100/- Non-Judicial Stamp Paper (if applicable).
- m) Copy of **Valid Registration Certificate** of the firm issued by the Central Government / State Government.
- n) Copy of GST Registration Certificate and PAN Card.
- o) **No Case Pending Declaration** (Must be submitted as affidavit on ₹ 100/- Non-Judicial Stamp Paper).
- p) Copy of Mandate Form / Bank Details.
- q) Copy of **Licenses / Certificates** as per US-FDA / European CE / Equivalent Indian Standards (wherever applicable).
- r) Drug Licenses issued by Central / State Drug Controller.
- s) Any other relevant document regarding special instructions / use / storage / shelf life.
- t) Copy of Import License issued to the Authorized Agent / Importer by the Government of India.
- u) Copy of **Income Tax Return Acknowledgement** for Last Three Assessment Years (A.Y. 2021-22, 2022-23 & 2023-24).

- v) Copy of **Average Annual Turnover Certificate / Statement** duly verified and audited by Charted Accountant (for the F.Y. 2020-21, 2021-22 & 2022-23) must be attached in the Technical Bid Document. The **Average Annual Turnover** of the bidder from similar jobs should be at least ₹ **1.50 Crore** in the Last Three Financial Years (F.Y. 2020-21, 2021-22 & 2022-23) from the Indian Business.
- w) Copy of **Profit & Loss A/c and Balance Sheet** (in chronological order for F.Y. 2020-21, 2021-22 & 2022-23) also be submitted.
- x) The concerned firm / company whose product has been declared as of spurious or adulterated quality and any criminal cases is filled and is pending in any court shall not be eligible to participate in the bidding process. Convicted firms/company shall also not be eligible to participate in the bid. Similarly, blacklisted / banned / debarred firms / company by any central / state govt. or its organization or autonomous bodies or central drug procurement agency is not eligible to participate in the bid.

(B) FINANCIAL BID

Financial Bid as per BoQ format filled up with all the details including Make (Company) etc. of the goods offered to be uploaded.

Schedule of price bid in the form of BOQ XXXX.xls:

Price bid format is provided as BoQ_XXXX.xls along with this Tender Enquiry Document at https://eprocure.gov.in/eprocure/app. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. Bidder shall not tamper/modify the downloaded price bid template in any manner. In case if the same is found to be tampered / modified in any manner, tender will be completely rejected out rightly.

- **9.** The Item Names and Specifications are mentioned in **List of Items** [ANNEXURE-XIV].
- **10.** Full description & specifications, Make (Company) / Brand / Name of the manufacturing firm must be clearly mentioned in the tender failing which the tender will not be considered. The tendered must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original failing which tender may be ignored.

11. SIGNING OF TENDER

Individual signing the tender or other documents connected with contract must specify whether he sign as:

- a) A sole proprietor of the concern or constituted attorney of such sole proprietor;
- b) A partner of the firm, if it is a partnership firm in which case he must have authority to execute the contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.
- c) Director or a principal officer duly authorized by the Board of Directors of the Company, if it is a company.
- d) A person signing the tender form or any document forming part of the tender on behalf of another person should have an authority to bind such other person and if, on enquiry it appears that the person so signing had no authority to do so, AIIMS, Jodhpur may without prejudice, cancel

the contract and hold the signatory liable for all costs, consequences and damages under the civil and criminal remedies available.

12. EXCLUSION

The near relatives of employees of AIIMS, Jodhpur are prohibited from participation in this tender. The near relative for this purpose are defined as:

- a) Members of a Hindu Undivided Family.
- b) Their spouses
- c) The one related to the other in the manner as father, son(s), Son's wife (daughter-in-law), daughter(s) and daughter's husband (sons-in-law) brother (s) and brother's wife, sister(s) and sister's husband, brother(s)-in-law.

13. DOCUMENTS

- a) All pages of the Tender should be numbered and indexed.
- b) The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the AIIMS, Jodhpur in the tender documents. For this purpose, the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the AIIMS, Jodhpur in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.

14. BID CURRENCIES

The bidder supplying indigenous goods or imported goods shall quote only in Indian Rupees (INR). Bids, where prices are quoted in any other currencies shall be treated as non-responsive and will be rejected.

15. BID PRICES

- a) The Bidder shall indicate in the Price Schedule provided in BoQ all the specified components of prices shown therein including the unit prices on Free Delivery at Site basis, applicable GST, HSN Code, it proposes to supply against the requirement. The Bidders shall indicate MRP in the relevant column against each item of BoQ. The details about make & model, if applicable, may also be indicated. All the columns shown in the Price Schedule should be filled up as required.
- b) In no case the quoted rates should be more than MRP at the time of submission of quotation. If subsequently during the currency of Rate Contract there is decreased in MRP, the bidder shall inform the purchaser promptly alongwith revised reduced rates. In case, if bidder quotes more than MRP and/or does not inform purchaser about reduction in MRP, it will be viewed seriously and appropriate administrative action will be taken including de-barring the firm.

16. VALIDITY OF THE BIDS

The bids shall be valid for a period of 12 Months from the date of opening of the NIT. In case, the Contract is not finalized within stipulated period, its validity shall be updated via corrigendum(s) on the institute's website.

17. RIGHT OF ACCEPTANCE

- a) The AIIMS, Jodhpur reserve the right to accept the whole or any part or portion of the bid; and the bidder shall provide the same at the rates quoted. The AIIMS Jodhpur reserve the right to reject any or all tenders / quotations or all offers received in response to the tender or cancel or withdraw the tender notice without assigning any reason thereof and also does not bind itself to accept the lowest quotation or any tender and no claim in this regard shall be entertained.
- b) The AIIMS- Jodhpur does not bind itself to accept the lowest bid or any bid and reserves the right of accepting the whole or any part of the bid or portion of the job offered; and the bidder shall provide the same at the rates quoted. AIIMS- Jodhpur, reserves the right to reject any or all offers received in response to tender or cancel or withdraw the tender notice without assigning any reason, whatsoever.
- c) The AIIMS- Jodhpur reserves the right to place an order for purchase of any items mentioned in the Financial Bid or otherwise, to any other firm(s) in emergency/unavoidable situation.
- d) AIIMS- Jodhpur reserves the right to conclude more than one rate contract for the same item.

18. FIRM PRICE

Prices quoted by the bidder shall remain firm and fixed during the period of the Rate Contract and not subject to variation on any account. Purchase Orders will be placed by Centers / Hospital / Departments / Store Sections against this Rate Contract till the period of Rate Contract. Statuary variation in GST will be applicable.

19. ALTERNATIVE MODELS / BRANDS / QUALITY

Alternative Models / Brands / Quality are not permitted. The Bidder are required to quote Models / Brands / Quality of best quality meeting tender specifications. Wherever, a bidder quotes alternative Models / Brands / Quality, there bid will not be considered for that item.

20. PURCHASE PREFERENCE TO LOCAL SUPPLIERS

In pursuance of Government of India Order No. P-45021/2/2017-B.E.-II dated 16th September 2020 (as amended from time to time) and F.No. Z.28018/67/2017-EPW dated 12th June 2018 purchase preference shall be given to local suppliers in all procurements undertaken in the manner specified hereunder and the procurement shall be made as per terms and conditions contained in the said order.

21. MINIMUM LOCAL CONTENT

The minimum local content shall be maintained as per Government of India Order No. P-45021/2/2017-B.E.-II dated 16th September 2020 (as amended from time to time) and F.No. Z.28018/67/2017-EPW dated 12/06/2018, as amended from time to time.

22. MARGIN OF PURCHASE PREFERENCE

The margin of purchase preference shall be 20%. The Local supplier whose quoted price falls in the margin of purchase preference desirous of claiming benefit of the Order No. P-45021/2/2017-B.E.-II dated 16th September 2020 shall submit an undertaking within 7 days of opening of financial bid, that he would be ready to supply the product at L1 price. In case of non-receipt of the same, he would not be given purchase preference.

23. Affidavit of Self Certification regarding Local Content [*Annexure-XI*] on ₹ 100/- Non-Judicial Stamp Paper, except 100% importers.

24. TECHNICAL EVALUATION

- a) Detailed technical evaluation shall be carried out by Purchase Committee / Tender Evaluation Committee pursuant to conditions in the tender document to determine the substantial responsiveness of each tender. For this clause, the substantially responsive bid is one that conforms to all the eligibility and terms and condition of the tender without any material deviation. The Institute's determination of bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. The Institute shall evaluate the technical bids also to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are in order.
- b) Financial bids of only those bidders who qualify the technical criteria will be opened provided all other requirements are fulfilled.
- c) AIIMS Jodhpur shall have right to accept or reject any or all bidders without assigning any reasons thereof.

25. SAMPLE/DEMONSTRATION

- a) The bidders may be asked to submit samples of the items (if required) for which they have quoted (without indicating price), with clear marking of Firm's Name in each of item, Tender Reference number and all the expenses for sample/demonstration shall be borne by the bidder.
- b) The samples are required to be submitted at **Central Store**, **AIIMS Jodhpur** in original packing, duly labelled (printed) and sealed having all relevant details such as manufacturing date, expiry date, batch number etc.
- c) The sample received from bidders will be evaluated by the Technical Evaluation Committee for their quality and the decision of the Committee will be final.

26. FINANCIAL EVALUATION

- a) The financial bid shall be opened for only those bidders who are found to be technically eligible through the CPP Portal only.
- b) Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is, the unit price shall prevail and the total price shall be corrected by the Institute. If there is a discrepancy between words and figures, the lesser amount shall be

considered as valid. If the Supplier does not accept the correction of the errors, that bid shall be rejected.

27. RIGHT TO CALL UPON INFORMATION

- a) The AIIMS, Jodhpur will have the right to call upon information regarding status of work / job at any point of time.
- b) To assist in the analysis, evaluation and computation of the bids, the Purchase Committee / Tender Evaluation Committee of AIIMS, Jodhpur, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.
- 28. The Purchase Committee / Technical Evaluation Committee of AIIMS, Jodhpur shall go into all aspects including cost factors of Consumables and then decide for awarding of the tender, by quoting lower rates in respect of items, a firm does not become entitled to awarding the contract in its favor of those item(s). In order to get selection / consideration in the panel of two or three vendors for awarding of contract (in case the contract is to be awarded to more than one vendor), the criteria of selection for awarding contract will be calculating / comparing the rate of items consumed by the AIIMS-Jodhpur throughout the year and as per the requirement in view of quality, as deemed fit by the Purchase Committee / Technical Evaluation Committee.

29. PERFORMANCE SECURITY

- a) The Successful bidder shall be required to submit the Performance Security (in the form of Demand Draft / FDR / irrevocable Bank Guarantee [**ANNEXURE-XII**] duly issued by any Nationalized Bank) for an amount in multiplication of $\stackrel{?}{=}$ 10,000/- for each Awarded Item, subject to Minimum of $\stackrel{?}{=}$ 2,00,000/- and Maximum of $\stackrel{?}{=}$ 5,00,000/-.
- b) Performance Security must be valid at least up to Two Years + Sixty Days from the date of Award of Contract.
- c) The Performance Security of successful bidders will be refunded / released after the completion of all contractual obligations and/or till the validity of the Performance Security, whichever is later. If the contract is extended on mutual agreement, it will be renewed accordingly.
- d) The Performance Security can be forfeited by the Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract.
- e) No interest on Performance Security shall be paid by the Institute to the bidder.

30. AWARD OF CONTRACT

- a) The Institute shall consider placement of orders to those bidders whose offers have been found Technically and Financially Acceptable. The Institute reserves the right to counter offer price(s) against price(s) quoted by any bidder. The L-1 Bidder will be decided on individual item basis.
- b) AIIMS Jodhpur has the option to renegotiate the price with the Awardee of Contract.

- c) The Award of Contract shall be issued to the L-1 bidders for **Two Years**, valid from the date of issue of Award of Contract (extendable on mutual agreement).
- d) AIIMS-Jodhpur shall reserve the right to terminate the contract at any time without assigning any reason thereof.

31. AUTHORIZED DISTRIBUTOR

- a) The Original Manufacturer (OM), after receipt of *Award of Contract*, may furnish the details of their Authorized Distributor, so that the copies of orders can be endorsed to them for expeditious supply. In such cases where Indian Agent has been nominated by the manufacturer, the bills raised by them against our purchase order will be accepted.
- b) Any addition and deletion of Authorized Distributorship shall be intimated to AIIMS- Jodhpur, immediately on authorization of a new party.

32. SUBLETTING OF WORK

The Authorized Distributor shall not assign or sublet the work/job or any part of it to any other person or party.

33. The Awardee of Contract shall provide the name and mobile number of a Key Person, who can be contacted at any time, even beyond the office hours on holidays. The person should be capable of taking orders and making arrangement for supply of the desired items even on short notice to AIIMS, Jodhpur.

34. PLACEMENT OF PURCHASE ORDER

- a) The Purchase Orders shall be issued for requirement on actual need basis.
- b) All India Institute of Medical Sciences (AIIMS), Jodhpur shall be the sole authority to cancel or amend the Purchase Order, as per requirement, and also to place Purchase Orders beyond Office Hours / Holidays / Place of Supply, for which no additional payment shall be made.

35. PACKING

- a) Supplies to be made in a Proper Boxes with proper packaging.
- b) Packing should be able to prevent damage or deterioration during transit.
- c) All containers, i.e., bottles, tins, cartons, tubes etc. are required to be secured with pilfer-proof seals to ensure genuineness of the products packed and the correctness of the contents.
- d) Each unit / items must be clearly stamped- "AIIMS Jodhpur supply only".

36. DELIVERY

- a) Delivery of Goods shall be made by the supplier within *30 days of placing of Purchase Order*, at the location mentioned in the Purchase Order issued.
- b) We being a Healthcare Institute, time is the essence of every Purchase Order, hence, the supplier firm should have availability of a responsible person on call 24x7 on all days, to accept and deliver the items at a **very short notice i.e. within 24 hours also**. The delivery period will be mentioned in the Purchase Order.
- c) The supply must be made in full against the Purchase Orders and shortage will be procured from other supplier on the risk and cost of the Original Supplier.
- d) If any item is found to be defective, or not of the desired quality, the same shall be replaced immediately, for which no extra payment shall be made by AIIMS, Jodhpur.

37. LIQUIDATED DAMAGES

- (a) Supply of material will have to be completed within the delivery period or period mentioned in the purchased order. The liquidated damages charges @ 0.5% per week shall be imposed if supply made after expiry of delivery period subject to maximum 10% of the total value of relevant goods. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.
- (b) Non supply of items shall attract a penalty of 10% of the value of non-supplied goods/material.
- (c) The penalty can be waived off by the competent authority in emergent/ extraordinary situation.

38. INSPECTION

- a) AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the AIIMS, Jodhpur.
- b) AIIMS, Jodhpur shall have the right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by AIIMS, Jodhpur prior to the goods shipment.
- c) The Executive Director, AIIMS Jodhpur shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
- d) No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within Two Days of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.
- e) In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The Purchase Committee reserves all right to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged.
- f) Supply should be made from the latest batch of production with at least 75% shelf life & original packing.

39. REPLACEMENT OF EXPIRED/NEAR EXPIRY ITEM

- a) Expired/ **Near Expiry** items will be exchanged within **Two weeks** by the supplier with fresh lot as informed by the Department / Central Store. No communication in this regard will be entertained regarding timely information / prior to expiry of items.
- b) If the supplier fails to exchange the expired goods / items within the timeframe, it will be termed as breach of contract conditions, AIIMS Jodhpur reserves the right to initiate any suitable action against the supplier in this regards.
- c) The supplier shall arrange to effect free replacement of any quantity which may deteriorate in potency, strength approaching expiry or expired etc. before the date of expiry marked on the labels.

40. THE PAYMENT CLAUSE

- a) Payment of the bill will be made after receipt of the goods in satisfactory condition and inspection by the concern Committee.
- b) The GST Invoice in Triplicate must be sent to the Delivery Location along with the supplied goods. The bill should have full particulars of the items(s) viz. Item's complete name, Tender Reference Number, HSN Code, Basic Rate, GST Percentage, GST Amount, Total Amount (in numbers & words).
- c) If the items mentioned in Purchase Order is supplied in Part Supply then the payment will be made only after receipt of Full Supply. No part payment will be made in any case.
- d) Freight, insurance charges, if any will be borne by the supplier, Similarly shortage, pilferage in transit will be sole responsibility of the supplier and the same will be intimated to the supplier on receipt of goods by the purchaser for resupply. The defective supply will have to be replaced by the supplier within Two Days without additional freight / transport charge etc.
- e) GST and other Government Levies shall be paid extra, as applicable.
- f) No payment shall be made in advance nor shall the loan from any bank or financial institutions be recommended on the basis of the order of award of work.
- g) Delivery of goods will be taken at the risk and cost of the supplier and on F.O.R. basis to the Institute from railway / road transport.
- h) No revision in rate (on higher side) will be accepted during contract period.
- i) No payment will be made for goods rejected.

41. RISK & COST PURCHASE

If supplier fails to supply material within the stipulated delivery date or material supplied other than specification specified in our NIT, AIIMS Jodhpur reserves the right to terminate contract for that item(s), forfeiture of security deposit and to procure same or equivalent material from alternative sources at the vendor's risk, responsibility and cost. Any extra cost incurred in the procurement of the material from alternative source will be recovered from the Security Deposit / Bank Guarantee and Pending Bills of existing firm and if the value of the materials under risk purchase exceeds, the amount of Security Deposit and / or Bank Guarantee and Pending Bills, the same may be recovered if necessary.

42. FORCE MAJEURE

If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.

43. INSOLVENCY / BANKRUPTCY

In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice and any other action as per the government guidelines will be taken against the bidder.

44. FALL CLAUSE (wherever applicable as per Government's Guidelines)

If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or act of the Central or State Govt. or by the tenderer himself, the tenderer shall be morally and statutorily bound to inform AIIMS, Jodhpur immediately about such reduction in the contracted prices. The AIIMS, Jodhpur is empowered to unilaterally effect such reduction as is necessary in rates in case the tenderer fails to notify or fails to agree for such reduction of rates. In case of any enhancement in TAXES due to statutory Act of the Govt. after the date of submission of the tenders and during the tender period, the additional TAXES so levied will be allowed to be charged extra as separate item without any change in price structure of the drugs approved under the tender.

45. ARBITRATION

If any conflict or difference arises concerning this agreement, its interpretation on payment to made there-under, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, either of the parties may make a request to the other party for submission of the dispute for decision by an Arbitral Tribunal containing Sole Arbitrator to be appointed by the Executive Director, AIIMS Jodhpur. Such requests shall be accompanied with a panel of names of three persons to act as the sole arbitrator. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The provision of Arbitration and Conciliation Act, 1996 and the rule framed there under and in force shall be applicable to such proceedings.

46. LEGAL JURISDICTION

The agreement shall be deemed to have been concluded in Jodhpur, Rajasthan and all obligations hereunder shall be deemed to be located at Jodhpur, Rajasthan and Court within Jodhpur, Rajasthan will have Jurisdiction to the exclusion of other courts.

47. The tendering Firm/Agency/Company shall be bound by the details furnished by him/her to the All India Institute of Medical Sciences (AIIMS), Jodhpur while submitting the tender or at subsequent stage. Upon selection of the tendering Firm/Agency/Company, if at any stage, the documents furnished by him/her is found to be false or the quality of the articles found of poor quality/different specifications, it would be deemed to be a breach of terms of contract and the contract shall be cancelled at the discretion of competent authority and performance security shall be stand forfeited.

Deputy Director (Admin)

ANNEXURE-I [CONTRACT FORM]

TECHNICAL INFORMATION AND UNDERTAKING

The bidders are advised to fill prescribed Proforma & enclosed relevant document as per requirement & sequence of given Proforma. The bidder should mention Page Number with all required details of relevant document in the prescribed Proforma. If the bidder does not fill the prescribed given Proforma their offer shall be *summarily rejected & no correspondence will be entertained*.

Sr.	Details of the documents to be submitted	Page	Remarks
1	Details of the Bidder and Key Person for any communication regarding Rate Contract [Name, Designation, Type of Firm (Sole Proprietor, Partnership, Company, PSU etc), Contact Number, eMail Address and Office Address].		
2	Contract Form [ANNEXURE-I]		
3	Manufacturer's Authorization Certificate [ANNEXURE-II]		
4	Tender Acceptance Form [ANNEXURE-III]		
5	Non-Blacklisting Certificate [ANNEXURE-IV]		
6	No Deviation Certificate [ANNEXURE-V]		
7	Price Justification Certificate [ANNEXURE-VI]		
8	Land Border Declaration [ANNEXURE-VII]		
9	Bid Security (Earnest Money) in the form of Demand Draft or FDR or Bank Guarantee [ANNEXURE-VIII].		
10	List of Quoted Items [ANNEXURE-IX]		
11	Calculation of Local Content [ANNEXURE-X]		
12	Affidavit of Self Certification regarding Local Content [ANNEXURE-XI]		
13	Registration Certificate of the firm.		
14	GST Registration Certificate of the firm.		
15	PAN Card of the firm.		
16	No Case Pending Declaration (Must be submitted as affidavit on ₹ 100/- Non-Judicial Stamp Paper).		
17	Mandate Form / Bank Details.		
18	Licenses / Certificates as per US-FDA / European CE / Equivalent Indian Standards (wherever applicable).		
19	Drug Licenses issued by the Central / State Drug Controller.		
20	Any other relevant document regarding special instructions / use / storage / shelf life.		
21	Import License issued to the Authorized Agent / Importer by the Government of India.		

22	Income Tax Return Acknowledgement for Last Three Assessment Years (A.Y. 2021-22, 2022-23 & 2023-24).	
23	Average Annual Turnover Certificate / Statement duly verified and audited by Charted Accountant (for the F.Y. 2020-21, 2021-22 & 2022-23).	
24	Profit & Loss A/c and Balance Sheet (F.Y. 2020-21).	
25	Profit & Loss A/c and Balance Sheet (F.Y. 2021-22).	
26	Profit & Loss A/c and Balance Sheet (F.Y. 2022-23).	
27	This NIT Document and its Corrigendum (if issued by the institute), <i>all pages duly signed and stamped</i> .	
28	Any other relevant document (left to be included in this list).	

- Page Number *Must be marked* on each and every page of Tender Documents, Corrigendum(s) and all copies of the documents attached.
- The bidder **MUST Mention** Page number in the above Table, wherever the copy(s) of the document(s) are arrange / kept.
- In case of non-fulfilment of any of the above information / document(s), the bid will be summarily rejected, without giving any notice.

(Dated	Sig	nature	of t	the	Bidder	with	stamp	of	firm
- 1	Datea	~,~	i iacai c	\sim .		Diaaci	**	Jeanip	\sim .	

Dated: Place:

Undertaking

- 1. That I/we have carefully studied all the terms & conditions of NIT and shall abide by it.
- 2. That I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.
- 3. That I/We undertake that sample of items will be kept ready for inspections by the AIIMS, Jodhpur. I/We shall be responsible for the cancellation of tender if samples are not up to mark.

(Dated Signature of the Bidder with stamp of firm)

Date: Place:

ANNEXURE-II

[MANUFACTURER'S AUTHORIZATION CERTIFICATE]

Dated: The Executive Director, All India Institute of Medical Sciences, Jodhpur MIA Phase-II, Basani, Jodhpur NIT No. _____ dated: _____ for Rate Contract _____ at AIIMS Jodhpur. Manufacturer's Authorization Certificate. Subject: Dear Sir, __ ______ , who are proven and reputable Manufacturers / Importer of ______ description of the Items / Category offered in the Quotation) having factories at _____ hereby authorize M/s.______, hereby authorize (name and address of the agent) to submit a Quotation, process the same further, against your requirement as contained in the above referred Tender Form for the above items manufactured by us. We further confirm that no supplier or firm or individual other than Messrs. ____ (name and address of the above agent) is authorized to submit a tender, process the same further against your requirement as contained in the above referred Quotation Form for the above items manufactured by us. We also hereby confirm that we would be responsible for the satisfactory execution of supply placed on the authorized agent. We also confirm that the price quoted by our agent shall not exceed than that which we would have quoted directly. Yours faithfully, [Signature with date, name and designation] For and on behalf of Messrs. [Name, address & contact detail of the manufacturer]

Note:

- 1. Manufacturer's Authorization Certificate format other than this format will not be acceptable.
- 2. This letter of Manufacturer's Authorization Certificate should be on the Letter Head of the Original Manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

ANNEXURE-III [TENDER ACCEPTANCE FORM]

To
The Executive Director,
All India Institute of Medical Sciences, Jodhpur
MIA Phase-II, Basani, Jodhpur

MIA Phase-II, Basani, Jodhpur		
NIT No	dated:	for Rate
Contract		_ at AIIMS Jodhpur.
We, the undersigned have examined the above mentioned Tender Encorrigendum (if any), the receipt of which is hereby confirmed. We now with your above referred document for the sum as shown in the Price made part of this bid. If our bid is accepted, we undertake to supply the concluded, in accordance with the delivery schedule as specified in the We further confirm that, if our bid is accepted, we shall provide you	w offer to supply and one Schedules (BoQ) uple terms for which Rat Schedule of Requirements	deliver in conformity baded herewith and e Contract has been ents.
amount in an acceptable form as mentioned in your NIT.		, , , , , , , , , , , , , , , , , , , ,
We agree to keep our bid valid for acceptance as required in your NIT period, if any, agreed to by us. We also accordingly confirm to abide further confirm that, until a formal Rate Contract is executed, this bid within the aforesaid period shall constitute a binding contract between	by this bid up to the a	foresaid period. We
We further understand that you are not bound to accept the lowest or a referred advertised tender enquiry.	ny bid you may receive	against your above-
We confirm that we do not stand deregistered/banned/blacklisted by Bodies etc.	Central / State Govt. ,	PSU / Autonomous
We confirm that we fully agree to the terms and conditions specified i amendment / corrigendum if any.	n the Tender Enquiry	Document, including
We hereby certify that if at any time, information furnished by us is pr for any action as deemed fit by AIIMS Jodhpur in addition to forfeiture of		
	Name:	
(Signatures of the Bidder	with Name, Designatio	n & Company's Seal)
A	Address:	
Place:		
Date:		

ANNEXURE-IV [NON-BLACKLISTING CERTIFICATE]

To The Executive Director, All India Institute of Medical S MIA Phase-II, Basani, Jodhpur	ciences, Jodhpur			
NIT No.			dated:	for Rate
Contract				
I/We hereby certify that the [I / State Government / Public U I/We also certify that the info	ndertaking / Institut	e on any account.		
is found that any details provi and AIIMS Jodhpur may impos	ded are false and inc	correct, the contract		
			Name:	
	(Sigr	natures of the Bidder	with Name, Designa	tion & Company's Seal)
			Address:	
Place:				
Date:	-			

ANNEXURE-V [NO DEVIATION CERTIFICATE]

To The Executive Director, All India Institute of Medical Sciences, Jodhpur MIA Phase-II, Basani, Jodhpur		
NIT No	dated:	for Rate at AIIMS Jodhpur.
I/We, M/scontrary indication / conditions elsewhere in our offer documents nor there is any deviation taken from the conditions of AIIMS Jo Financial, and I/We agree to all the terms and conditions mention associated amendments & clarification. If any deviation is found in take any suitable decision / action against my / our firm.	s, I/We have neither set an odhpur's tender specification oned in AIIMS Jodhpur's ten	y terms and conditions on, either Technical or nder specification with
	Name:	
(Signatures of the B	lidder with Name, Designa	tion & Company's Seal)
	Address:	
Place:		
Date:		

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ANNEXURE-VI [PRICE JUSTIFICATION CERTIFICATE]

То			
The Executive Director,			
All India Institute of Medical Sciences, Jodhpur			
MIA Phase-II, Basani, Jodhpur			
NIT No	da	ated:	for Rate
Contract			
I/We, M/s		certify that t	he rates provided are
our best rates and we have not supplied / quoted the			
for lesser than the rates quoted in the present bid in	•	ent Departin	
	Name: _		
(Signa	atures of the Bidder with Nam	ne, Designatio	on & Company's Seal)
	Address:		
	Addiess.		
	-		
Place:			
Data			
Date:			

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ANNEXURE-VII

[Land Border Declaration]

To The Executive Director, All India Institute of Medical Sciences, Jodhpur MIA Phase-II, Basani, Jodhpur		
NIT No	dated:	for Rate
Contract		at AIIMS Jodhpur.
"We have read the clause regarding restrictions on procus border with India; and solemnly certify that we are not p registered with the Competent Authority (copy enclosed). regard and are eligible to be considered."	from such a county or, if from su We hereby certify that we fulfil' o	ch a country, we are
"We have read the clause regarding restrictions on procu- border with India and on sub-contracting to contractors from from such a county or, if from such a country, we are regist we shall not subcontract any work to a contractor from suc Competent Authority. We hereby certify that we fulfil a considered."	om such a country; and solemnly c tered with the Competent Authorit th countries unless such contractor	ertify that we are not y (copy enclosed) and is registered with the
It is to declare that if, our bid/offer is accepted by the purc the certificate is to be found as false, this would be ground legal action in accordance with the law may be initiated on	for immediate termination of our	bid/offer and further
	[Signature with date, nan	ne and designation]
Fora	and on behalf of M/s	
	[Name & address of the Orig	ginal Manufacturer]

ANNEXURE-VIII

[BANK GUARANTEE FORM FOR BID SECURITY (EARNEST MONEY)]

Whereas		(Name and address of the
Bidder) (hereinafter called the "Bidders")		
has submitted its Bid dated		he supply of (hereinafter called the "Bid") against
the purchaser's NIT No.		
dated know all persons b	•	
		having our registered office at
(Hereinafter called the "Bank") are bound unto AIIMS, Jodhpur (hereinafter called the "Purchaser")		
in the sum of	for which p	payment will and truly to be made to the said
Purchaser, the Bank binds itself, its successors and assi		
said Bank this day of2	• • •	
The conditions of this obligation are:		
		abo bid in conversable which the resided of
 If the Bidder withdraws or amends, impairs or d validity of this Bid. 	erogates from t	the bid in any respect within the period of
2) If the Bidder having been notified of the acceptance	e of his Rid hy th	he Purchaser during the period of its validity
a. If the bidder fails or refuses to furnish the perform		
/ Purchase Orders or	.,	
b. If the bidder fails or refuses to accept / execute th	e Contract / Pur	rchase orders or
 If it comes to notice at any time, that the informat misleading or forged 	ion / document	s furnished in its Bid are false or incorrect or
We undertake to pay the Purchaser up to the above ar Purchaser having to substantiate its demand, provided claimed by it is due to it owing to the occurrence of condition(s).	that in its dema	and the Purchaser will note that the amount
This guarantee will remain in force uptoany demand in respect thereof should reach the Bank r		of additional sixty days after Bid Validity) and ne above date.
		h date of the authorized officer of the Bank)
	(5.8	
		(Name and designation of the Officer)
(Se	eal, name & ado	dress of the Bank and address of the Branch)
NOTE: ANNEXURE-VIII is applicable for only those bidde Guarantee.	ers who are sub	mitting their Bid Security in the form of Bank

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ANNEXURE-IX [LIST OF QUOTED ITEMS]

Tο The Executive Director, All India Institute of Medical Sciences, Jodhpur MIA Phase-II, Basani, Jodhpur NIT No. _____ dated: _____ for Rate ____ at AIIMS Jodhpur. Contract _____ _____ Whether complying with Specifications (Size, shape & other Make **Item Code Item Name** NIT's Specs details) (Company) (Yes/No) Name: (Signatures of the Bidder with Name, Designation & Company's Seal) Address: Place: _____ Date: _____

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ANNEXURE-X [Calculation of Local Content]

(To be submitted along with BoQ)

To The Executive Director, All India Institute of Medi MIA Phase-II, Basani, Jodh	•	r		
NIT No			dated:	for Rate
Contract				
Name of	Calculation by Ma	anufacturer		
Manufacture	(Cost per unit of p			
Cost Component	Cost (Domestic	Cost (Imported	Total Cost (INR/ US	Percentage of Local
	Component)	Component)	\$)	Content
	Α	В	C=a+b	D=(a/c)*100
duties and taxes levied which have not been in	Component): Sum on procurement nported directly or Component): Sum on procurement of	of inputs except the through a domest of the costs of all finputs except the	hose for which credit ic trader or an interm inputs which go into se for which credit/ s	ediary. the product (including et-off can be taken).
		(Signatures of the B	idder with Name, Desig	nation & Company's Seal)
			Address:	
Place:				
Date:				
NOTE: Calculation of Loca		l in the Technical Bio	I will lead to rejection of	the bid.

AIIMS - Jodhpur

ANNEXURE-XI

[Affidavit of Self Certification regarding Local Content]

(on ₹ 100/- Non-Judicial Stamp Paper)

I	S/o.D/o,W/o,
Resident ofdeclare as under.	do hereby solemnly affirm and
That I will agree to abide by the terms and conditions order no. P-45021/2/2017-B.EII dated 15/06/2017.	of the policy of Government of India issued vide
That the information furnished hereinafter is correct to	best of my knowledge and belief and I undertake

That the local content for all inputs which constitute the said drugs has been verified by me and I am responsible for the correctness of the claims made therein.

to produce relevant records before the procuring entity or any authority so nominated by the Government

That in the event of the domestic valve addition of the product mentioned herein is found to be incorrect and not meeting the prescribed valve-addition norms, based on Government of India for the purpose of assessing the local content, action will be taken against me as per Order No. P-45021/2/2017-B.E.-II dated 15.06.2017.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authorities:

- i) Name and details of the Domestic Manufacturer (Registered Officer, Manufacturing unit location, nature of legal entity)
- ii) Date on which this certificate is issued.
- iii) Medicine for which the certificate is product.

of India for the purpose of assessing the local content.

- iv) Procuring entity to whom the certificate is furnished.
- v) Percentage of local content claimed.
- vi) Name and contact details of the unit of the manufacturer.
- vii) Sale Price of the product.
- viii) Ex-Factory Price of the product.
- ix) Freight, insurance and handling.
- x) Total Bill of Material.
- xi) List and total cost valve of inputs used for manufacture of the medicine certificates from suppliers, if the input is not in-house to be attached.
- xii) List and cost of inputs which and imported, directly or indirectly.

For and on behalf of

(Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Director)

ANNEXURE-XII [BANK GUARANTEE FORM FOR PERFORMANCE SECURITY]

(To be submitted by successful bidders only)

Whereas			(Name a	nd address of the
Bidder) (hereinafter car	lled the "the Supplie	er") has undertaken, ir	pursuance of NIT No.	
			to	
		iption of goods), (Herein	after called "the Contract"), to AIIMS Jodhpur
(Hereinafter called "the	Purchaser").			
	led commercial bank	recognized by you for	at the supplier shall furni the sum specified ther	-
AND WHEREAS we have	agreed to give the su	pplier such a bank guara	ntee;	
a total of Performance Security in the supplier to be in def	words and figures), an	d we undertake to pay y ct and without cavil or a	nsible to you, on behalf of (insert ou, upon your first written argument, any sum or sur	Amount of the n demand declaring ms within the limits
of (amount of guarantee or the sum specified the	•	our needing to prove or	to show grounds or reaso	ns for your demand
We hereby waive the ne demand.	ecessity of your dema	nding the said debt fror	n the supplier before pre	senting us with the
there under or of any of	f the contract docume	ents which may be mad	of the terms of the contra e between you and the s waive notice of any such	upplier shall in any
			ast date of currency of Co spect thereof should reach	
(Signature with date of t		of the Bank)		
Name and designation o				
	Seal, name & addre	ess of the Bank and addi	ess of the Branch	

ANNEXURE-XIII [FINANCIAL BID]

BoQ must be uploaded as per instructions given in **Tender Enquiry Document** at CPP Portal.

Note:

- 1. Rates to be quoted for Each Unit / Per Unit of item (without including GST). Not for the Pack / Box etc.
- 2. Rates to be quoted upto TWO DECIMAL Points and in INR Only.

Place:	Name of the Key Person:
Date:	Designation:
	Contact:
	eMail ID:
	Office Address:

Bidder must submit financial bid in .xls (Excel workbook 97-2003 workbook) only. Fill in LIGHT PURPLE COLORED fields ONLY.

ANNEXURE-XIV [LIST OF ITEMS]

Item Code	Name of Item	Specifications
1.001	Fibrin glue (Human Fibrin Sealant)	Two component material consisting of fibrinogen and thrombin (Thrombin 1 ml and Fibrinogen 1 ml with triple lumen tip).
2.001	Fibrin glue (Human Fibrin Sealant)	Two component material consisting of fibrinogen and thrombin with bovine/synthetic aprotinin. 2ml/4ml
3.001	Flowable gealtin matrix	Bovine Gelatin hemostatic matrix with thrombin 5ml
4.001	Synthetic sealant for CSF leak	Bovine Collagen Patch coated with Synthetic Sealant NHS-PEG 27mm*27mm (Hemopatch-Proprietary)

5.001	Synthetic sealant for CSF leak	Bovine Collagen Patch coated with Synthetic Sealant NHS-PEG 45mm*45mm (Hemopatch-Proprietary)
6.001	Synthetic sealant for CSF leak	Bovine Collagen Patch coated with Synthetic Sealant NHS-PEG 45mm*90mm (Hemopatch-Proprietary)
7.001	Programmable shunts	Programmable Valve Right angle (Valve with integrated plastic connectors & priming adaptor plastic) Programmable Ventricular Peritoneal Shunt (Programmable VP Valves) - FDA approved, programmable shunts (valve systems) with 18 different pressure settings for precise pressure adjustments to help control intracranial pressure and ventricle size.
8.001	Programmable shunts	Programmable Valve Right angle Unitized with 120 cm distal catheter without siphongaurd (comes as Valve with integrated plastic connector, 14 cm ventricular cathetor, stain less steel stylet, 120 cm distal catheter unitized & priming adaptor plastic) Programmable Ventricular Peritoneal Shunt (Programmable VP Valves) - FDA approved, programmable shunts (valve systems) with 18 different pressure settings for precise pressure adjustments to help control intracranial pressure and ventricle size.
9.001	Programmable shunts	Programmable Valve Right angle Unitized with 120 cm distal catheter with siphongaurd (comes as Valve with integrated plastic connector, 14 cm ventricular cathetor, stain less steel stylet, 120 cm distal catheter unitized & priming adaptor plastic) Programmable Ventricular Peritoneal Shunt (Programmable VP Valves) - FDA approved, programmable shunts (valve systems) with 18 different pressure settings for precise pressure adjustments to help control intracranial pressure and ventricle size.
10.001	Programmable shunts	pediatric MICRO PROG VALVE With RICKAM (Comes with 14cm ventricular catheter, stainless steel stylet, 120 cm distal cathetor unitized & priming adaptor plastic) Programmable Ventricular Peritoneal Shunt (Programmable VP Valves) - FDA approved, programmable shunts (valve systems) with 18 different pressure settings for precise pressure adjustments to help control intracranial pressure and ventricle size.
11.001	CSF Flow device	CODMAN SIPHONGUARD CSF Flow control device

12.001	Dural Graft/Dural Substitute	Adhesion Barrier Matrix, Dural Substitute /Dural grafts with Ultra-Pure Collagen™ indicated for the repair and restoration of Dura mater following cranial and spinal surgical procedures , Matrix size- 1*1 inch
13.001	Dural Graft/Dural Substitute	Adhesion Barrier Matrix, Dural Substitute / Dural grafts with Ultra-Pure Collagen™ indicated for the repair and restoration of Dura mater following cranial and spinal surgical procedures , Matrix size- 1*3 inch
14.001	Dural Graft/Dural Substitute	Adhesion Barrier Matrix, Dural Substitute /Dural grafts with Ultra-Pure Collagen™ indicated for the repair and restoration of Dura mater following cranial and spinal surgical procedures , Matrix size- 2*2 inch
15.001	Dural Graft/Dural Substitute	Adhesion Barrier Matrix, Dural Substitute /Dural grafts with Ultra-Pure Collagen™ indicated for the repair and restoration of Dura mater following cranial and spinal surgical procedures , Matrix size- 3*3 inch
16.001	Dural Graft/Dural Substitute	Adhesion Barrier Matrix, Dural Substitute /Dural grafts with Ultra-Pure Collagen™ indicated for the repair and restoration of Dura mater following cranial and spinal surgical procedures , Matrix size- 4*5 inch
17.001	Crainal Perforator	Sterile ready to use Disposable perforator with auto stop function and having Hudson connector. The following sizes should be available11mm/8mm. The perforators should be color coded for easy identification of the sizes. It should be USFDA approved
18.001	Crainal Perforator	Sterile ready to use Disposable perforator with auto stop function and having Hudson connector. The following sizes should be available 14mm/11mm. The perforators should be color coded for easy identification of the sizes. It should be USFDA approved
19.001	Crainal Perforator	Sterile ready to use Disposable perforator with auto stop function and having Hudson connector. The following sizes should be available 9mm/6mm. The perforators should be color coded for easy identification of the sizes. It should be USFDA approved

20.001	Dural substitute - Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 15 mm x 20 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
21.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 20 mm x 30 mm	1. Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity.2. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage.3. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix,providing an appropriate environment for dural cell growth.4. Redura Absorbable within 6 months.5. Redura sutured and onlay on to the dural defect.6. Redura is available as pre sterilized by Gama Radiation.7. Thickness is form 0.1-0.5mm
22.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 30 mm x 40 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm

23.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 40 mm x 60 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
24.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 60 mm x 60 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
25.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 60 mm x 80 mm	1. Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity.2. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage.3. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cellgrowth.4. Redura Absorbable within 6 months.5. Redura sutured and onlay on to the dural defect.6. Redura is available as pre sterilized by Gama Radiation.7. Thickness is form 0.1-0.5mm

26.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 60 mm x 140 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
27.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 80 mm x 80 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
28.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 80 mm x 120 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm

29.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 100 mm x 150 mm	1. Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity.2. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage.3. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cellgrowth.4. Redura Absorbable within 6 months.5. Redura sutured and onlay on to the dural defect.6. Redura is available as pre sterilized by Gama Radiation.7. Thickness is form 0.1-0.5mm
30.001	Dural substitute -Poly-L-Lactic acid, absorbable in 6 months, thickness: 010.5 mm, various sizes: 150 mm x 150 mm	 Redura made up of material poly-L-Lactic acid to provide the biocompatibility & Non toxicity. Redura hydrophobic to provide water light barrier for the prevention of CSF leakage. Redura provide the bio mimetic structure which resembles to the microstructure of native dural matrix, providing an appropriate environment for dural cell growth. Redura Absorbable within 6 months. Redura sutured and onlay on to the dural defect. Redura is available as pre sterilized by Gama Radiation. Thickness is form 0.1-0.5mm
31.001	Hemostat	Rayon fabric , Oxidized regenarated cellulose with proven bactericidal properties. , Absorbabale topical heamostat . Approved by US FDA/ CE Size 2"x3"
32.001	Hemostat	Rayon fabric , Oxidized regenarated cellulose with proven bactericidal properties. Absorbabale topical heamostat . Approved by US FDA/ CE Size 4"x8"
33.001	Hemostat	Rayon fabric , Oxidized regenarated cellulose with proven bactericidal properties. , Absorbabale topical heamostat . Approved by US FDA/ CE Size 2"x14"
34.001	Hemostat	Rayon fabric , Oxidized regenarated cellulose , proven bactricidal by pH action , Absorbabale topical heamostat . Fibrillar form and separable into layers Approved by US FDA/ CE Size 1"x2"

	Hemostat	
35.001		Rayon fabric, Oxidized regenarated cellulose, proven bactricidal by pH action, Absorbabale topical heamostat. Fibrillar form and seperable into layers, Approved by US FDA/ CE Size 2"x4"
36.001	Hemostat	Rayon fabric , Oxidized regenarated cellulose , proven bactricidal by pH action , Absorbabale topical heamostat . Fibrillar form and separable into layers , Approved by US FDA/ CE Size 4"x4"
37.001	Hemostat	Absorbable gelatin based Topical absorbable flowable heamostat with 12 ml syringe pre filled with haemostatic matrix. Approved by USFDA/ European CE
38.001	Hemostat	34-36 cm endoscopic applicator for hemostat matrix
39.001	Hemostat	Absorbable gelatin based Topical absorbable flowable heamostat with 2000 IU units of thrombin. Total volume 8ml. Approved by USFDA/ European CE
40.001	Hemostat	Absorbable gelatin sponge , formaldehyde free with USFDA Approval size 70x50x10 mm
41.001	Hemostat	Absorbable gelatin sponge, formaldehyde free with USFDA Approval size 20cmx7cmx0.05cm
42.001	Hemostat	Absorbable gelatin sponge, formaldehyde free with USFDA Approval size 70x50x1 mm
43.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. thick weave dense knit form, Approved by US FDA/ CE Size 1"x1"
44.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. thick weave dense knit form, Approved by US FDA/ CE Size 1"x3.5"
45.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. thick weave dense knit form, Approved by US FDA/ CE Size 3"x4"
46.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. thick weave dense knit form, Approved by US FDA/ CE Size 6"x9"
47.001	Topical skin adhesive	2-octyl cyanoacrylate liquid topical skin adhesive packaged within a pen applicator along-with a selfadhering mesh of 22cm & 3.8 ml liquid
48.001	Topical skin adhesive	2-octyl cyanoacrylate liquid topical skin adhesive packaged within a pen applicator along-with a self-adhering mesh of 60cm and 3.8 ml liquid

49.001	Bone wax	sterile bone wax for bone hemostasis made of bees wax, paraffin and isopropyl palmitate. 2.5 g Box of 12 pieces should have European CE four digit genuine CE certified/USFDA	
50.001	Topical skin adhesive	2-octyl cyanoacrylate liquid topical skin adhesive with high viscosity . 0.5ml	
51.001	Topical skin adhesive	2-octyl cyanoacrylate liquid topical skin adhesive packaged within a pen applicator along-with a two 21cm mesh and 3.8 ml liquid	
52.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. Structured non woven material, Approved by US FDA/ CE Size 1"x2"	
53.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. Structured non woven material, Approved by US FDA/ CE Size 2"x4"	
54.001	Hemostat	Oxidized regenarated cellulose based Absorbabale topical heamostat, with proven bactericidal properties. Structured non woven material, Approved by US FDA/ CE Size 4"x4"	
55.001	Hemostat	Oxidized regenerated cellulose in prefilled syringe for application. With proven bactericidal properties. size 3.0gm	
56.001	Topi	ORC powder applicator 2 in 1 . Flexible & rigid	
57.001	Knotless Suture	Absorbable knotless suture made of polydiaxanone, size 4-0, 1/2 cir RB 17mm needle. Length 15cm.	
	58. Mizuho aneurysm clipping set		
58.001	mizuho aneurysm clipping accessories	Standard 8.5 Straight 7.0mm	
58.002	mizuho aneurysm clipping accessories	Standard 10.5 Straight 10.0mm	
58.003	mizuho aneurysm clipping accessories	Standard 11.0 Bayonet 7.0mm	
58.004	mizuho aneurysm clipping accessories	standard 9.5 bent 8.0mm	
58.005	mizuho aneurysm clipping accessories	Standard 11.0 Sideward Bent 8.0mm	
58.006	mizuho aneurysm clipping accessories	standard 12.0 sideward covd. Bayonet 8.5mm	
58.007	mizuho aneurysm clipping accessories	Standard 10.0 Sideward Curved. 9.0mm	

58.008	mizuho aneurysm clipping accessories	Standard 9.5 Curved. 9.0mm
58.009	mizuho aneurysm clipping accessories	Standard 10.0 Slightly Curved. 9.0mm
58.010	mizuho aneurysm clipping accessories	Standard 11.5 Straight 12.0mm
58.011	mizuho aneurysm clipping accessories	Standard 13.5 Sideward Bent 12.0mm
58.012	mizuho aneurysm clipping accessories	Standard 11.0 Bent 12.0mm
58.013	mizuho aneurysm clipping accessories	Standard 13.0 Bayonet 10.0mm
58.014	mizuho aneurysm clipping accessories	Standard 14.0 Bayonet 12.0mm
58.015	mizuho aneurysm clipping accessories	Standard 13.5 Straight 15.0mm
58.016	mizuho aneurysm clipping accessories	standard 14.0 slightly covd. Bayonet 12.0mm
58.017	mizuho aneurysm clipping accessories	Standard 15.5 Slightly Curved. 18.0mm
58.018	mizuho aneurysm clipping accessories	Standard 15.5 Straight 18.0mm
58.019	mizuho aneurysm clipping accessories	Standard 8.0 L-Shaped 5.0mm
58.020	mizuho aneurysm clipping accessories	Standard 8.0 L-Shaped 7.5mm
58.021	mizuho aneurysm clipping accessories	Standard 8.0 L-Shaped 10.0mm
58.022	mizuho aneurysm clipping accessories	standard 9.0 j- shaped 6.0mm
58.023	mizuho aneurysm clipping accessories	standard 9.0 j- shaped 7.5mm
58.024	mizuho aneurysm clipping accessories	standard 9.5 J- shaped 9.0mm
58.025	mizuho aneurysm clipping accessories	standard 10.5 45° angled 5.0mm
58.026	mizuho aneurysm clipping accessories	standard 11.5 45° angled 7.5mm
58.027	mizuho aneurysm clipping accessories	standard 12.5 45° angled 10.0mm
58.028	mizuho aneurysm clipping accessories	Standard 13.0 Slightly Curved. 14.0mm
58.029	mizuho aneurysm clipping accessories	standard 8.0 L- shape w/curved 7.5mm
58.030	mizuho aneurysm clipping accessories	standard 8.0 L- Shape w/curved 10.0mm

58.031	mizuho aneurysm clipping accessories	Standard 9.0 1/4 covd. 7.5mm
58.032	mizuho aneurysm clipping accessories	standard 9.5 1/4 covd. 8.6mm
58.033	mizuho aneurysm clipping accessories	standard 10.5 slightly bent 8.0mm (4B)
58.034	mizuho aneurysm clipping accessories	Standard 11.0 Slightly Curved. 11.0mm
58.035	mizuho aneurysm clipping accessories	standard 11.0 slightly Curved. 11.0mm
58.036	mizuho aneurysm clipping accessories	standard 10.0 slightly Curved. 9.0mm (8B)
58.037	mizuho aneurysm clipping accessories	Standard 9.5 Curved. 9.0mm
58.038	mizuho aneurysm clipping accessories	standard 11.0 1/4 cvd. 11.0mm
58.039	mizuho aneurysm clipping accessories	Standard 17.0 Straight 21.0mm
58.040	mizuho aneurysm clipping accessories	Standard 9.0 Crankshaft 3.0mm
58.041	mizuho aneurysm clipping accessories	Standard 10.0 Crankshaft 4.0mm
58.042	mizuho aneurysm clipping accessories	Long 19.0 Bayonet 21.0mm
58.043	mizuho aneurysm clipping accessories	Long 18.0 Straight 25.0mm
58.044	mizuho aneurysm clipping accessories	Long 20.5 Straight 30.0mm
58.045	mizuho aneurysm clipping accessories	Long 23.5 Straight 35.0mm
58.046	mizuho aneurysm clipping accessories	Long 26.0 Straight 40.0mm
58.047	mizuho aneurysm clipping accessories	Fen. 3.5, 11.0 Straight 6.0mm (Fenestrated Mizuho Clips)
58.048	mizuho aneurysm clipping accessories	Fen. 3.5, 13.0 Straight 9.0mm (Fenestrated Mizuho Clips)
58.049	mizuho aneurysm clipping accessories	Fen. 3.5, 14.5 Straight 12.0mm (Fenestrated Mizuho Clips)
58.050	mizuho aneurysm clipping accessories	Fen. 5.0, 12.0 Straight 6.0mm (Fenestrated Mizuho Clips)
58.051	mizuho aneurysm clipping accessories	Fen. 5.0, 14.0 Straight 9.0mm (Fenestrated Mizuho Clips)
58.052	mizuho aneurysm clipping accessories	Fen. 5.0, 15.5 Straight 12.0mm (Fenestrated Mizuho Clips)
58.053	mizuho aneurysm clipping accessories	fen. 3.5, 8.5 bent 5.0mm (Fenestrated Mizuho Clips)

58.054	mizuho aneurysm clipping accessories	fen. 3.5,9.0 bent 7.5mm (Fenestrated Mizuho Clips)
58.055	mizuho aneurysm clipping accessories	fen 3.5, 10.0 bent 10.0mm (Fenestrated Mizuho Clips)
58.056	mizuho aneurysm clipping accessories	fen. 5.0, 9.5 bent 5.0mm (Fenestrated Mizuho Clips)
58.057	mizuho aneurysm clipping accessories	fen 5.0, 10.0 bent 7.5mm (Fenestrated Mizuho Clips)
58.058	mizuho aneurysm clipping accessories	fen 5.0, 11.0 bent 10.0mm (Fenestrated Mizuho Clips)
58.059	mizuho aneurysm clipping accessories	fen. 3.5 7.5 L-shaped 5.0mm (Fenestrated Mizuho Clips)
58.060	mizuho aneurysm clipping accessories	Fen. 3.5, 7.5 L-Shaped 7.5mm (Fenestrated Mizuho Clips)
58.061	mizuho aneurysm clipping accessories	Fen. 3.5, 7.5 L-Shaped 10.0mm (Fenestrated Mizuho Clips)
58.062	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped 5.0mm (Fenestrated Mizuho Clips)
58.063	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped 7.5mm (Fenestrated Mizuho Clips)
58.064	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped 10.0mm (Fenestrated Mizuho Clips)
58.065	mizuho aneurysm clipping accessories	Fen. 5.0, 10.5 Bayonet 5.0mm (Fenestrated Mizuho Clips)
58.066	mizuho aneurysm clipping accessories	Fen. 5.0, 12.0 Bayonet 7.5mm (Fenestrated Mizuho Clips)
58.067	mizuho aneurysm clipping accessories	Fen. 5.0, 13.5 Bayonet 10.0mm (Fenestrated Mizuho Clips)
58.068	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to L 5.0mm (Fenestrated Mizuho Clips)
58.069	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to L 7.5mm (Fenestrated Mizuho Clips)
58.070	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to L 10.0mm (Fenestrated Mizuho Clips)
58.071	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to R 5.0mm (Fenestrated Mizuho Clips)
58.072	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to R 7.5mm (Fenestrated Mizuho Clips)
58.073	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped Cvd. to R 10.0mm (Fenestrated Mizuho Clips)
58.074	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 11.0 Straight Angled 5.0mm
58.075	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 12.0 Straight Angled 7.5mm
58.076	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 9.0 Bent Angled to R 5.0mm

58.077	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 10.0 Bent Angled to R 7.5mm
58.078	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 9.0 Bent Angled to L 5.0mm
58.079	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 10.0 Bent Angled to L 7.5mm
58.080	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 8.0 L-Shaped Angled to R 5.0mm
58.081	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 8.0 L-Shaped Angled to R 7.5mm
58.082	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 8.0 L-Shaped Angled to L 5.0mm
58.083	mizuho aneurysm clipping accessories	Fujita Fen. 5.0, 8.0 L-Shaped Angled to L 7.5mm
58.084	mizuho aneurysm clipping accessories	Fen. 5.0, 10.0 L-Shaped Window 4.0mm
58.085	mizuho aneurysm clipping accessories	Fen. 5.0, 11.0 L-Shaped Window 5.0mm
58.086	mizuho aneurysm clipping accessories	Fen. 3.5, 8.0 Bent 3.0mm
58.087	mizuho aneurysm clipping accessories	Fen. 5.0, 9.0 Bent 3.0mm
58.088	mizuho aneurysm clipping accessories	Fen. 5.0, 8.5 L-Shaped 3.0mm
58.089	mizuho aneurysm clipping accessories	Fen. 3.5, 9.0 Straight 3.0mm
58.090	mizuho aneurysm clipping accessories	Fen. 3.5, 10.0 Straight 4.0mm
58.091	mizuho aneurysm clipping accessories	Fen. 5.0, 11.0 Straight 4.0mm
58.092	mizuho aneurysm clipping accessories	Fen. 3.5, 7.5 L-Shaped 3.0mm
58.093	mizuho aneurysm clipping accessories	Mini 5.5 Straight 4.0mm
58.094	mizuho aneurysm clipping accessories	Mini 7.0 Straight 6.0mm
58.095	mizuho aneurysm clipping accessories	Mini 7.0 Straight 6.0mm
58.096	mizuho aneurysm clipping accessories	Mini 7.0 Bent 5.0mm
58.097	mizuho aneurysm clipping accessories	Mini 5.5 Curved 4.0mm
58.098	mizuho aneurysm clipping accessories	Mini 7.5 Sideward Curved 7.0mm
58.099	mizuho aneurysm clipping accessories	Mini 6.0 Curved 5.0mm

58.100	mizuho aneurysm clipping accessories	Mini 7.5 Curved 7.0mm	
58.101	mizuho aneurysm clipping accessories	Mini 8.5 Bayonet 5.0mm	
58.102	mizuho aneurysm clipping accessories	Mini 5.5 Straight Slim 4.0mm	
58.103	mizuho aneurysm clipping accessories	Mini 7.0 Straight Slim 6.0mm	
58.104	mizuho aneurysm clipping accessories	Mini 7.0 Curved Slim 6.7mm	
58.105	mizuho aneurysm clipping accessories	Mini 8.0 Curved Slim 8.2mm	
58.106	mizuho aneurysm clipping accessories	Mini 6.5 Curved Slim 5.2mm	
58.107	mizuho aneurysm clipping accessories	Mini 8.0 Straight 8.0mm	
58.108	mizuho aneurysm clipping accessories	Mini 7.0 Curved 6.5mm	
58.109	mizuho aneurysm clipping accessories	Mini 6.5 Slightly Curved 5.5mm	
58.110	mizuho aneurysm clipping accessories	Mini 7.0 Slightly Curved 6.5mm	
58.111	mizuho aneurysm clipping accessories	Mini 8.5 Sideward Bent 6.0mm	
58.112	mizuho aneurysm clipping accessories	Mini 10.0 Bayonet 7.0mm	
58.113	mizuho aneurysm clipping accessories	Mini 6.5 Curved Slim 5.5mm	
	mizuho aneurysm clipping accessories	standard temporary clips	
58.114	mizuho aneurysm clipping accessories	temp. 9.0 straight 7.0mm	
58.115	mizuho aneurysm clipping accessories	temp. 10.5 straight 10.0mm	
58.116	mizuho aneurysm clipping accessories	temp.11.5 bayonet 7.0mm	
58.117	mizuho aneurysm clipping accessories	temp.9.5 bent. 8.0mm	
58.118	mizuho aneurysm clipping accessories	temp. 11.0 slightly curved 11.0mm	
58.119	mizuho aneurysm clipping accessories	temp 12.0 straight 12.0mm	
58.120	mizuho aneurysm clipping accessories	temp. 13.5 straight 15.0mm	
58.121	mizuho aneurysm clipping accessories	temp. 16.5 straight 20.0mm	

58.122	mizuho aneurysm clipping accessories	temp. 13.0 slighlty coverd 14.0mm
58.123	mizuho aneurysm clipping accessories	mini temp. 7.0 straight 6.0mm
58.124	mizuho aneurysm clipping accessories	mini temp. 7.0 bent 5.0mm
58.125	mizuho aneurysm clipping accessories	mini temp. 7.0 straight slim 6.0mm
58.126	mizuho aneurysm clipping accessories	mini temp. 9.5 straight 10.0mm
58.127	mizuho aneurysm clipping accessories	mini temp. 12.5 straight 15.0mm
58.128	mizuho aneurysm clipping accessories	mini temp 6.0 straight 4.0mm
58.129	mizuho aneurysm clipping accessories	mini temp 6.5 straight 5.0mm
58.130	mizuho aneurysm clipping accessories	mini temp. 7.5 straight 7.0mm
58.131	mizuho aneurysm clipping accessories	mini temp.8.0 straight 8.0mm
	mizuho aneurysm clipping accessories	SUGITA CLIPS APPLIER
58.132	mizuho aneurysm clipping accessories	Single Shaft Applier Standard, 50mm
58.133	mizuho aneurysm clipping accessories	Single Shaft Applier Standard, 90mm
58.134	mizuho aneurysm clipping accessories	Single Shaft Applier Standard, 110mm
58.135	mizuho aneurysm clipping accessories	Single Shaft Applier Standard, 30°Angled 50mm
58.136	mizuho aneurysm clipping accessories	sugita single Shaft Applier Standard, 30°Angled 90mm
58.137	mizuho aneurysm clipping accessories	Single Shaft Applier Standard, 30°Angled 110mm
58.138	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 50mm
58.139	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 90mm
58.140	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 110mm
58.141	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 30°Angled 50mm
58.142	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 30°Angled 90mm
58.143	mizuho aneurysm clipping accessories	Single Shaft Applier Mini, 30°Angled 110mm

58.144	mizuho aneurysm clipping accessories	Fukushima Std, Straight
58.145	mizuho aneurysm clipping accessories	Fukushima Std, 15 degree Angled Up
58.146	mizuho aneurysm clipping accessories	Fukushima Std, 15 degree Angled Down
58.147	mizuho aneurysm clipping accessories	Fukushima Std, Left
58.148	mizuho aneurysm clipping accessories	Fukushima Std, right
58.149	mizuho aneurysm clipping accessories	Fukushima Mini, Straight
58.150	mizuho aneurysm clipping accessories	Fukushima Mini, 15 degree Angled Up
58.151	mizuho aneurysm clipping accessories	Fukushima Mini, 15 degree Angled dowan
58.152	mizuho aneurysm clipping accessories	Fukushima Mini, Right
58.153	mizuho aneurysm clipping accessories	Fukushima Mini, left
58.154	mizuho aneurysm clipping accessories	Fukushima Long, Straight
58.155	mizuho aneurysm clipping accessories	Remover Std, Straight
58.156	mizuho aneurysm clipping accessories	Remover Std, 30°Angled
58.157	mizuho aneurysm clipping accessories	Remover Mini, Stright
58.158	mizuho aneurysm clipping accessories	Remover Mini, 30°Angled
58.159	mizuho aneurysm clipping accessories	Remover Long, Stright
58.160	mizuho aneurysm clipping accessories	Sano Double Action Std
58.161	mizuho aneurysm clipping accessories	Sano All-Angle Std
58.162	mizuho aneurysm clipping accessories	Sano Double Action Std, w/o Catches
58.163	mizuho aneurysm clipping accessories	Sano All-Angle Std, w/o Catches
58.164	mizuho aneurysm clipping accessories	Sano Double Action Mini
58.165	mizuho aneurysm clipping accessories	Sano All-Angle Mini
58.166	mizuho aneurysm clipping accessories	Sano Double Action Mini, w/o Catches

58.167	mizuho aneurysm clipping accessories	Sano All-Angle Mini, w/o Catches
58.168	mizuho aneurysm clipping accessories	Half Size Tray (Appliers)
58.169	mizuho aneurysm clipping accessories	T2 Clip Tray EA (for Std and Mini, Blank 30 pockets)
58.170	mizuho aneurysm clipping accessories	T2 Clip Tray EB (for Std, Mini and Long, 24 pockets)
58.171	mizuho aneurysm clipping accessories	T2 Metal basket
58.172	mizuho aneurysm clipping accessories	T2 Clip Tray B (For Mini and Std Crankshaft clips)
58.173	mizuho aneurysm clipping accessories	T2 Clip Tray C(For Std Str, Cvd and L shaped clips)
58.174	mizuho aneurysm clipping accessories	T2 Clip Tray D (For Std Cvd and Long clips)
58.175	mizuho aneurysm clipping accessories	T2 Clip Tray E (For Std Eva and Long clips)
58.176	mizuho aneurysm clipping accessories	T2 Clip Tray F (For Std Fenest L Shaped clips)
58.177	mizuho aneurysm clipping accessories	T2 Clip Tray G(For All Temp and Booster clips)
58.178	mizuho aneurysm clipping accessories	T2 Clip Tray H (Customizable Tray for Std and Mini, 25 blank pockets)
58.179	mizuho aneurysm clipping accessories	T2 Clip Tray I(Customizable Tray for Std, Mini and Long clips,20 blan
58.180	mizuho aneurysm clipping accessories	T2 Clip Tray J (For Temp clips 001-51 to 58 only)
58.181	mizuho aneurysm clipping accessories	T2 Clip Case A for Appliers
58.182	mizuho aneurysm clipping accessories	T2 Clip Case B for Mini, Temporary and Standard Clips
58.183	mizuho aneurysm clipping accessories	T2 Clip Case C for Standard Clips
58.184	mizuho aneurysm clipping accessories	T2 Clip Case D for Fenestrated Clips
58.185	mizuho aneurysm clipping accessories	T2 Clip Case E for Standard, Fenestrated and Long Clips
	59. TITANIUM BONE IMPLANTS miniplate and screws for Neurosurgery. US FDA/ European CE approved	
	UNIVERSAL NEURO LOW PROFILE PLATE	S (DIA, 1.5MM)
59.001	LOW PROFILE PLATE, 8 HOLE, STRAIGHT, WITHOUT BAR	
59.002	LOW PROFILE PLATE, 16 HOLE, STRAIGHT, WITHOUT BAR	

59.003	LOW PROFILE PLATE, 4 HOLE, STRAIGHT, 6MM BAR	
59.004	RIGID PLATE, 2 HOLE PLATE, STRAIGHT, 12MM BAR (PROFILE 0.6MM)	
59.005	LOW PROFILE PLATE, 2 HOLE, 12MM BAR WITH TAB	
59.006	LOW PROFILE PLATE, 2 HOLE, STRAIGHT, 16MM BAR	
59.007	LOW PROFILE PLATE, 3-D, 2x2 HOLE	
59.008	LOW PROFILE PLATE, DOUBLE Y, 6 HOLE WITH BAR	
59.009	LOW PROFILE GAP PLATE SMALL	
59.010	LOW PROFILE GAP PLATE LARGE	
59.011	LOW PROFILE X-SHAPE PLATE, 4 HOLE	
59.012	LOW PROFILE 3-D PLATE, 2x2 HOLE, LARGE	
	LOW PROFILE BURR HOLE COVERS	
59.013	LOW PROFILE BURR HOLE COVERS 7MM WITH TAB	
59.014	LOW PROFILE BURR HOLE COVERS 10MM WITH TAB	
59.016		
	LOW PROFILE BURR HOLE COVERS 14MM WITH TAB	
59.017		
	14MM WITH TAB LOW PROFILE BURR HOLE COVERS	
	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB	
59.017	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB MICRO/DYNAMIC MESH TITANIUM MICRO MESH	
59.017	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB MICRO/DYNAMIC MESH TITANIUM MICRO MESH 120x120x0.1MM TITANIUM MICRO MESH	
59.017 59.018 59.020	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB MICRO/DYNAMIC MESH TITANIUM MICRO MESH 120x120x0.1MM TITANIUM MICRO MESH 120x60x0.1MM	
59.017 59.018 59.020 59.021	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB MICRO/DYNAMIC MESH TITANIUM MICRO MESH 120x120x0.1MM TITANIUM MICRO MESH 120x60x0.1MM TITANIUM MICRO MESH 60x60x0.1MM TITANIUM MICRO MESH 60x60x0.1MM	
59.017 59.018 59.020 59.021 59.022	14MM WITH TAB LOW PROFILE BURR HOLE COVERS 20MM WITH TAB MICRO/DYNAMIC MESH TITANIUM MICRO MESH 120x120x0.1MM TITANIUM MICRO MESH 120x60x0.1MM TITANIUM MICRO MESH 60x60x0.1MM TITANIUM MICRO MESH 120x120x0.2MM TITANIUM MICRO MESH 120x120x0.2MM	

59.026	DYNAMIC MESH, STANDARD, 120x120x0.6MM	
59.027	DYNAMIC MESH, STANDARD, 200x200x0.6MM	
59.028	DYNAMIC MESH, MALLEABLE, 40x40x0.3MM	
59.029	PRE-FORM MESH, STD., MEDIUM, SIZE 90x90x0.6MM	
59.030	PRE-FORM MESH, STD., LARGE, SIZE 120X120X0.6MM	
59.031	PRE-FORM MESH, STD., XTRA LARGE, SIZE 190x140x0.6MM	
59.032	PRE-FORM LATERAL MESH, STIFF-LEFT, SIZE 175x120x80MM - 1.0MM	
59.033	PRE-FORM LATERAL MESH, STIFF-RIGHT SIZE 175x120x80MM - 1.0MM	
59.034	1.5MM SELF-DRILLING SCREWS	
59.035	TITANIUM SCREWS, DIA. 1.5 x 4MM LENGTH, SELF-DRILLING	
59.036	TITANIUM SCREWS, DIA. 1.5 x 5MM LENGTH, SELF-DRILLING	
59.037	MESH BENDING PLIERS	
59.038	SCREW DISK FOR 1.5 SCREW	
	SKULL BASE PLATES (0.3MM) PROFILE	
59.039	Round malleable (0.3mm), small	
59.040	Round malleable (0.3mm) Medium	
59.041	Round rigid (0.4mm), large	
59.042	Translabyrinthine malleable (0.3mm), small	
59.043	Translabyrinthine malleable (0.3mm), large	
59.044	Temporal malleable (0.3mm)	
59.045	Suboccipital malleable(0.3mm), small	
59.046	Suboccipital rigid (0.4mm), large	
	MEDPOR TSI IMPLANTS	
59.047	Transsphenoidal Sellar Implant - 20mm x 20mm x 2.5mm x 0.45mm	
59.048	Transsphenoidal Sellar Implant - BARRIER - Large - 40mm x 40mm x 2.5mm x 0.73mm	

	Colorado MicroDissection Needle	
59.049	3 CM LENGTH, STRAIGHT (SLEEVE DIA. 3/32")	
59.050	4 CM LENGTH, STRAIGHT (SLEEVE DIA.	
	3/32") HA BONE SUBSTITUTE FOR WET FIELD	
	THE SOURCE SOURCE TO A WELL THEES	
59.051	HYDROSET INJECTABLE CEMENT, 3CC	
59.052	HYDROSET INJECTABLE CEMENT, 5CC	
59.053	HYDROSET INJECTABLE CEMENT, 10CC	
59.054	HYDROSET INJECTABLE CEMENT, 15CC	
	UPPER FACE SYSTEM (DIA. 1.2MM) IMPLANTS	
	24 HOLE STRAIGHT PLATE, MALLEABLE	UPPER FACE MALLEABLE PLATES (0.5MM PROFILE)
59.055	CONDENSED	
59.056	18 HOLES STRAIGHT PLATE, MALLEABLE	
59.057	7 HOLE DOUBLE Y PLATE, MALLEABLE	
59.058	10 HOLE CURVED PLATE, MALLEABLE	
59.059	ORBITAL FLOOR PLATES (0.3MM PROFILE)	
59.060	ORBITAL FLOOR PLATE ISOLATED, SMALL, 0.3MM	
59.061	ORBITAL FLOOR PLATE BASIC MIDDLE, 0.3MM	
59.062	ORBITAL FLOOR PLATE COMPLEX LARGE, 0.3MM	
59.063	TEMPLATE COMBINED, ORBITAL FLOOR PLATE, SMALL/MIDDLE	
59.064	TEMPLATE, ORBITAL FLOOR PLATE LARGE	
59.065	3-D ORBITA FLOOR PLATES	
59.066	3-D ORBITA FLOOR PLATE, RIGHT, SMALL	
59.067	3-D ORBITA FLOOR PLATE, RIGHT, LARGE	
59.068	3-D ORBITA FLOOR PLATE, LEFT, SMALL	
59.069	3-D ORBITA FLOOR PLATE, LEFT, LARGE	

	STANDARD PLATES (0.6MM PROFILE)	
F0.072	O LIGHT CTRAIGHT DI ATE	+
59.070	8 HOLE STRAIGHT PLATE	-
59.071	24 HOLE STRAIGHT PLATE	
59.072	8 HOLE L PLATE, 90 DEG. LEFT	
59.073	8 HOLE L PLATE, 90 DEG. RIGHT	_
59.074	T PLATE, 7 HOLES	_
59.075	7 HOLE DOUBLE Y PLATE	\downarrow
59.076	4 HOLE ORBITAL PLATE	_
59.077	10 HOLE CURVED PLATE	
	BURR HOLE COVER PLATE (0.6MM	
	PROFILE)	_
59.078	1.2 BURR HOLE COVER PLATE, 7MM	
59.079	1.2 BURR HOLE COVER PLATE, 10MM	
-	4.2 BURD HOLE COVED DI ATE 44NANA	
59.080	1.2 BURR HOLE COVER PLATE, 14MM	
	ORBITAL FLOOR PLATES (0.4MM	
	PROFILE)	
59.081	ORBITAL FLOOR PLATE BASIC MIDDLE,	
	0.4MM	
59.082	ORBITAL FLOOR PLATE COMPLEX LARGE, 0.4MM	
	TEMPLATE COMBINED, ORBITAL FLOOR	1
59.083	PLATE, SMALL/MIDDLE	
	DYNAMIC MESH (0.6MM PROFILE)	
50.004	DYNAMIC MESH, STANDARD,	
59.084	90x90x0.6MM	
59.085	DYNAMIC MESH, STANDARD X LARGE,	
33.003	200x200x0.6MM	
59.086	DYNAMIC MESH, STANDARD, 120x120x0.6MM	
	DYNAMIC MESH (0.3MM PROFILE)	+
	D HAMINIC IVILOR (U.SIVIIVI PROFILE)	
F0 007	DYNAMIC MESH, MALLEABLE,	
59.087	40x40x0.3MM	
59.088	DYNAMIC MESH, MALLEABLE,	
33.000	90x90x0.3MM	
59.089	DYNAMIC MESH, MALLEABLE,	
	120x120x0.3MM	
	TITANIUM BONE SCREWS (DIA. 1.2MM/1.4MM)	
	1.2141141/ 1.4141141/	

LENGTH 3MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 4MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 5MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING EMERGENCY SCREWS TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.2MMM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MMM, LENGTH 3MM) S9.096 TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MM, LENGTH 3MM) DRILL BIT TWIST ORILL, DIA. 0.9MM, LENGTH 4MM DRILL BIT TWIST ORILL, DIA. 1.0MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST ORILL, DIA. 1.0MM, LENGTH 59.099 TWIST ORILL, DIA. 1.0MM, LENGTH 59.090 TWIST ORILL, DIA. 1.0MM, LENGTH 59.091 TWIST ORILL, DIA. 1.0MM, LENGTH 59.092 MID FACE FIXATION IMPLANTS (DIA. //1.7MM) MID FACE FIXATION IMPLANTS (DIA. //1.7MM) 4 HOLE STRAIGHT PLATE 59.101 24 HOLE STRAIGHT PLATE 59.102 24 HOLE STRAIGHT PLATE 59.104 25 HOLE STRAIGHT PLATE 59.106 25 HOLE STRAIGHT PLATE 59.107		TITANIUM BONE SCREWS, DIA. 1.2MM,	
TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 4MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 5MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 3MM TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 4MM DRILL BIT TWIST DRILL, DIA. 1.0MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 50MM, WL 6MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.0SMM, LENGTH 59.100 MID FACE FIXATION IMPLANTS (DIA. /1.7MM) MID FACE FIXATION IMPLANTS (DIA. /1.7MM) 8 HOLE STRAIGHT PLATE 59.101 24 HOLE STRAIGHT PLATE 59.102 B HOLE STRAIGHT PLATE	59.090	1	
LENGTH 4MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 5MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING EMERGENCY SCREWS TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MM) TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MM) TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 3MM DRILL BIT TWIST DRILL, DIA. 0.9MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 59.100 TWIST DRILL, DIA. 1.05MM, LENGTH 59.101 TWIST DRILL, DIA. 1.05MM, LENGTH 59.100 MID FACE FIXATION IMPLANTS (DIA. /1.7MM) MID FACE FIXATION IMPLANTS (DIA. /1.7MM) MID FACE STRAIGHT PLATE S9.102 8 HOLE STRAIGHT PLATE S9.103 24 HOLE STRAIGHT PLATE		TAPPING	
TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF-TAPPING EMERGENCY SCREWS TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MM) TITANIUM SELF-DRILLING SCREWS (DIA. 1.2MM) TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 3MM 59.096 TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 4MM DRILL BIT TWIST DRILL, DIA. 0.9MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.05MM, LENGTH 50MM, WL 6MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.05MM, LENGTH 50MM, WL 6MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.05MM, LENGTH 54MM, WL 12MM, STRYKER SHAFT END MID FACE FIXATION IMPLANTS (DIA. 1.7MM) MID FACE FIXATION IMPLANTS (DIA. 1.7MM) 4 HOLE STRAIGHT PLATE, WITH BAR 59.102 8 HOLE STRAIGHT PLATE 59.103 24 HOLE STRAIGHT PLATE 59.103		-	
TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH SMM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING EMERGENCY SCREWS TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE SELF-DRILLING SCREWS (DIA. 1.2MM) TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 3MM TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 4MM DRILL BIT TWIST DRILL, DIA. 0.9MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 59.090 TWIST DRILL, DIA. 1.05MM, LENGTH 59.091 TWIST DRILL, DIA. 1.05MM, LENGTH 59.092 TWIST DRILL, DIA. 1.05MM, LENGTH 59.100 MID FACE FIXATION IMPLANTS (DIA. 1,1.7MM) MID FACE STANDARD PLATES (0.6MM PROFILE) 59.101 8 HOLE STRAIGHT PLATE 59.102 8 HOLE STRAIGHT PLATE 59.103	59.091		
LENGTH 5MM, CROSS-PIN, SELF- TAPPING TITANIUM BONE SCREWS, DIA. 1.2MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING EMERGENCY SCREWS TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM BONE EMERGENCY SCREWS, DIA. 1.4MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING TITANIUM SELF-DRILLING SCREWS, (DIA. 1.2MM) TITANIUM SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 3MM SOURCE SCREWS, DIA. 1.2MM, LENGTH 3MM TITANIUM BONE SELF-DRILLING SCREWS, DIA. 1.2MM, LENGTH 4MM DRILL BIT TWIST DRILL, DIA. 0.9MM, LENGTH 46MM, WL 4MM, STRYKER SHAFT END TWIST DRILL, DIA. 1.0MM, LENGTH 59.098 TWIST DRILL, DIA. 1.0MM, LENGTH 59.099 TWIST DRILL, DIA. 1.0MM, LENGTH 59.090 TWIST DRILL, DIA. 1.05MM, LENGTH 59.100 MID FACE FIXATION IMPLANTS (DIA. /1.7MM) MID FACE STANDARD PLATES (0.6MM PROFILE) 59.101 8 HOLE STRAIGHT PLATE 59.102 8 HOLE STRAIGHT PLATE 59.103			
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59.103 24 HOLE STRAIGHT PLATE	59.101		
35.55	59.102	8 HOLE STRAIGHT PLATE	
59.104 2 HOLE PLATE WITH 12MM BAR	59.103	24 HOLE STRAIGHT PLATE	
	59.104	2 HOLE PLATE WITH 12MM BAR	

59.105	4 HOLE CURVED PLATE, WITH BAR	
59.106	6 HOLE CURVED PLATE, WITH BAR	
59.107	10 HOLE CURVED PLATE	
59.108	T-PLATE, 5 HOLES	
59.109	Y-PLATE, 5 HOLES, 4MM BAR	
59.110	Y-PLATE, 5 HOLES, 8MM BAR	
59.111	DOUBLE Y-PLATE, 7 HOLES	
59.112	2x2 HOLE, 3-D PLATE	
59.113	6x2 HOLE, 3-D PLATE	
59.114	5 HOLE L PLATE 2MM BAR, 100 DEG LEFT, STANDARD	
59.115	5 HOLE L PLATE 2MM BAR, 100 DEG RIGHT, STANDARD	
59.116	5 HOLE L PLATE 5MM BAR, 100 DEG LEFT, STANDARD	
59.117	5 HOLE L PLATE 5MM BAR, 100 DEG RIGHT, STANDARD	
59.118	6 HOLE L PLATE 8MM BAR, 100 DEG LEFT, STANDARD	
59.119	6 HOLE L PLATE 8MM BAR, 100 DEG RIGHT, STANDARD	
59.120	6 HOLE L PLATE 12MM BAR, 100 DEG LEFT, STANDARD	
59.121	6 HOLE L PLATE 12MM BAR, 100 DEG RIGHT, STANDARD	
	TITANIUM BONE SCREWS (DIA.	
	1.7MM/1.9MM)	
59.122	TITANIUM BONE SCREWS, DIA. 1.7MM, LENGTH 3MM, CROSS-PIN, SELF- TAPPING	
59.123	TITANIUM BONE SCREWS, DIA. 1.7MM, LENGTH 4MM, CROSS-PIN, SELF- TAPPING	
59.124	TITANIUM BONE SCREWS, DIA. 1.7MM, LENGTH 5MM, CROSS-PIN, SELF- TAPPING	
59.125	TITANIUM BONE SCREWS, DIA. 1.7MM, LENGTH 6MM, CROSS-PIN, SELF- TAPPING	
59.126	TITANIUM BONE SCREWS, DIA. 1.7MM, LENGTH 7MM, CROSS-PIN, SELF- TAPPING	
	EMERGENCY SCREWS	

59.127	TITANIUM BONE EMERGENCY SCREWS, DIA. 1.9MM, LENGTH 3MM, CROSS-PIN, SELF-TAPPING	
59.128	TITANIUM BONE EMERGENCY SCREWS, DIA. 1.9MM, LENGTH 5MM, CROSS-PIN, SELF-TAPPING	
	TITANIUM SELF-DRILLING SCREWS	
59.129	TITANIUM SELF DRILLING SCREWS, DIA. 1.7MM, LENGTH 3MM	
59.130	TITANIUM SELF DRILLING SCREWS, DIA. 1.7MM, LENGTH 4MM	
59.131	TITANIUM SELF DRILLING SCREWS, DIA. 1.7MM, LENGTH 5MM	
59.132	TITANIUM SELF DRILLING SCREWS, DIA. 1.7MM, LENGTH 6MM	
	DRILL BITS	
59.133	TWIST DRILL, DIA. 1.35MM, LENGTH 50MM, WL 5MM, STRYKER SHAFT END	
59.134	TWIST DRILL, DIA. 1.4MM, LENGTH 54MM, WL 8MM, STRYKER SHAFT END	
59.135	TWIST DRILL, DIA. 1.4MM, LENGTH 54MM, WL 12MM, STRYKER SHAFT END	
60.001	SONICPINS RX 2,1 x 4 MM	
	JOINICE IND IN 2,1 X 4 IVIIVI	
60.002	SONICPINS RX 2,1 x 4 MM	
60.002	,	
	SONICPINS RX 2,1 x 5 MM	
60.003	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM	
60.003 60.004 60.005 60.006	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM	
60.003 60.004 60.005 60.006 60.007	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 9 MM	
60.003 60.004 60.005 60.006 60.007 60.008	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 9 MM SONICPINS RX 2,1X4 MM	
60.003 60.004 60.005 60.006 60.007	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 9 MM SONICPINS RX 2,1 x 9 MM SONICPINS RX 2,1X4 MM SONICPINS RX 2,1X5 MM	
60.003 60.004 60.005 60.006 60.007 60.008	SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 4 MM SONICPINS RX 2,1 x 5 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 7 MM SONICPINS RX 2,1 x 9 MM SONICPINS RX 2,1X4 MM	

60.012	RESORB-X PLATE STRAIGHT 8- HOLE,QTY.OF 1	
60.013	RESORB X-PLATE STRAIGHT 22-HOLES	
60.014	RESORB-X MESH PLATE 0,6 / 51X51 MM	
60.015	RESORB-X MESH PLATE 0,8/53X53 MM	
60.016	RESORB X-MESH FLEX. 0,6 / 126X126 MM	
60.017	RESORB X-PLATE, 1.0 MM, 126X126 MM	
60.018	RESORB X-PLATE, 0,8 MM, 11X126 MM	
61.001	Kyphoplasty & vertebroplasty kit-(US-FDA/CE)	The Kit should be available in pre-sterile. Should have working cannula with inner diameter 3.2mm or less outer diameter 4.2mm or more with calibration along with cannulated obdurator. Should have calibrated drill with cm/mm marking on proximal end. Should have digital battery operated inflation syringe to inflate the balloon showing pressure in PSI & ATM. Inflation time & volume of cavity created in vertebral body. The inflatable balloon tamps sizes- 10/3, 15/3, 20/3. (Either size) should be capable to bear pressure of 400 PSI. The bone filler device should be calibrated & should contain minimum 1.5cc of volume. Anterior Radiopaque marker on balloon tamp should be Mark the anterior edge of the balloon. System component should be available in individually as well as in kit from including the following instruments- 1. 2 unit of 11-gauge bone access needle. 2. 1 introducer kit including introducer with extra cannula. 3.Drill with drill tip. 4. At least 4 guide pins. 5. Two balloon tamp 6. 2 digital balloon inflator. 7. Six bone filler device.

Fixed pressure ventriculo peritoneal and atrial Shunt with w/o Siphon control device (US- FDA)-

Volume should be available in seven different configurations, including two the Siphon control device.

- Should be available in three Shapes, burrhole, contoured and ultra small. To accommodate different patient groups & different surgical preference.
- Should have Three pressure- High, Medium &low pressurepaediatric adult.
- Siphon control device should allow the patient to maintain ICP within a normal physiological range regardless of flow rate or patient posture.
- Pressure level & flow direction marking viewable on X- Ray.
- Fixed pressure kit should include: a one wayvalve, ventricular catheter & a peritoneal catheter.
- should have valve mechanism fabricated from dissimilar material reducing the possibility of valve sticking.
- Silicone reservoir dome allows for injection and CSF sampling.
- Should have non-metallic design for not interfere with CT Scan or MRI.
- Catheter should be fabricated for human impregnated tubing with tantalum tip to allow for x-ray visualisation.
- Length marker show depth of penetration during insertion.
- Should have right angle clip with provide non-kinking bend in the ventricular catheter at the burr hole site.

62.001	Adjustable Pressure Valve/Shunt (Programmable ventricular peritoneal)-US-FDA-	- Should able to do on non-invasiveand should not require x- Ray confirmation - Should be latex free Should be MRI compatible Should have Valve system with minimum 05 (Five) settings Should have injectable reservoir dome Should have distal & proximal occluded for selective flushing Should be available with and w/o siphon control device (non-siphon control) Should be portable handheld adjustment system and do not require outside power source Built in adjustment magnet and LCD read out screen the handheld system Confirmation from x- Ray should be optional not mandatory Should provide numeric interpretation (mmH20) of the Valve performance setting with included smart card Should be powered by two AA batteries Company man with magnetic control should available in locally.
63.001	RANEY CLIP LARGE	THIS CLIP APPLIES PRESSURE ON THE EDGE AND STOP BLEEDING. BEFORE CLOSURE AND STOP BLEEDING. BEFORE CLOSURE CLIPS FOR ADULT (large)
64.001	RANEY CLIP SMALL	A) THIS CLIP APPLIES PRESSURE ON THE EDGE AND STOP BLEEDING . BEFORE CLOSURE THESE CLIPS ARE TO BE REMOVED.CLIPS FOR Children (small)
65.001	CRANIOTOMY DRAPE	A) MATERIAL: 50 GSM SMS POLYPROPYLENE FABRIC WATER REPELLANT B) SHEET SIZE: 1.6 X 3.2 M C) Adhesive Area: 20 cm dia Side Channels & Collecting Funnel D) POLY SHEET LINING: 1.20 X 1.20 M
66.001	CHHABRA SHUNT (HIGH PRESSURE)	A) Ventriculo Peritoneal High Pressure with Regular Reservoir (VPHP) B) One Ventricular Catheter with Stylet length 15 cm C) One Distal Catheter 75 cm Long D) Three Separate Straight Connector

	CHHABRA SHUNT (MEDIUM PRESSURE	
67.001)	A) Ventriculo Peritoneal Medium Pressure with Regular Reservoir (VPMP) B) One Ventricular Catheter with Stylet length 15 cm C) One Distal Catheter 75 cm Long D) Three Separate Straight Connector
68.001	CHHABRA SHUNT (LOW PRESSURE)	A) Ventriculo Peritoneal Low Pressure with Regular Reservoir (VPLP) B) One Ventricular Catheter with Stylet length 15 cm C) One Distal Catheter 75 cm Long D) Three Separate Straight Connector
69.001	LUMBO- PERITONEAL SHUNT WITH TUOHEY NEEDLE	A) ONE LUMBAR CATHETER 30 CM LONG B) ONE DISTAL CATHETER 60 CM LONG C) ONE SPECIAL CONNECTOR D) ONE 14 G TOUHEY NEEDLE AND TWO SUTURE COLLARS
70.001	BACTERIAL RESISTANT VENTRICULO PERITONEAL SHUNT (MEDIUM /LOW PRESSURE)	1) SILVER IMPREGNATED WITH BACTERIAL RESISTANT TUBING. The set must include a) One Ventricular Catheter with Stylet length 15 cm b) One Distal Catheter 75 cm Long c) at least two Separate Straight Connector
71.001	CEREBRAL CATHETER (OMMAYA) RESERVOIR	A) RESERVOIR CHAMBER FOR INJECTIONS WITH 15 CM LONG VENTRICULAR CATHETERB) SIZES ARE : a) 12MM DIAMETER CHAMBER
72.001	CEREBRAL CATHETER (OMMAYA) RESERVOIR	A) RESERVOIR CHAMBER FOR INJECTIONS WITH 15 CM LONG VENTRICULAR CATHETER B) SIZES ARE: a) 18 MM DIAMETER CHAMBER
73.001	DOME VALVE SHUNT SYSYTEM (LOW PRESSURE)	A) it should be complete with one unitized GSL " Dome Valve " reservoir with 90cm radio- opaque distal part.One 15cm ventricular part and two straight connecters. B) it should be sterilized by Ethylene Gas and packed in double peel open packaging.
74.001	DOME VALVE SHUNT SYSYTEM (MEDIUM PRESSURE)	A) it should be complete with one unitized GSL " Dome Valve " reservoir with 90cm radio- opaque distal part.One 15cm ventricular part and two straight connecters. B) it should be sterilized by Ethylene Gas and packed in double peel open packaging.

75.001	DOME VALVE SHUNT SYSYTEM (HIGH PRESSURE)	A) it should be complete with one unitized GSL " Dome Valve " reservoir with 90cm radio- opaque distal part.One 15cm ventricular part and two straight connecters. B) it should be sterilized by Ethylene Gas and packed in double peel open packaging.
76.001	SOFT HYDROXYPATITE PATCH	A) It is for repair of Cranial Defects . B) This Patch will allow natural Bone Formation & preventing head deformities due to Metalic or plastic implants. C) It is for repair of Orbital Fossa D) Available in sizes with 1.0 mm Thickness E) 2 x 2 cm
76.002	SOFT HYDROXYPATITE PATCH	A) It is for repair of Cranial Defects . B) This Patch will allow natural Bone Formation & preventing head deformities due to Metalic or plastic implants. C) It is for repair of Orbital Fossa D) Available in sizes with 1.0 mm Thickness E) 5 x 8 cm
76.003	SOFT HYDROXYPATITE PATCH	A) It is for repair of Cranial Defects . B) This Patch will allow natural Bone Formation & preventing head deformities due to Metalic or plastic implants. C) It is for repair of Orbital Fossa D) Available in sizes with 1.0 mm Thickness E) 8 x 10 cm
76.004	SOFT HYDROXYPATITE PATCH	A) It is for repair of Cranial Defects. B) This Patch will allow natural Bone Formation & preventing head deformities due to Metalic or plastic implants. C) It is for repair of Orbital Fossa D) Available in sizes with 1.0 mm Thickness E) 10 x 12 cm
76.005	SOFT HYDROXYPATITE PATCH	A) It is for repair of Cranial Defects. B) This Patch will allow natural Bone Formation & preventing head deformities due to Metalic or plastic implants. C) It is for repair of Orbital Fossa D) Available in sizes with 1.0 mm Thickness E) 15 x 20cm
77.001	SYNTHETIC FABRIC PATCH	FOR DURA REPAIR , SIZES ARE 8 X 10 CM
77.002	SYNTHETIC FABRIC PATCH	FOR DURA REPAIR , SIZES ARE 10 X 12 CM
77.003	SYNTHETIC FABRIC PATCH	FOR DURA REPAIR , SIZES ARE 15 X 20 CM

	LADANIO CAD	
78.001	KRANIO CAP	A) FOR DRESSING HEAD WOUND & TO HOLD DRAPES IN PLACE B) SIZES ARE: SMALL, MEDIUM, LARGE & X-LARGE
79.001	VENTRICULAR EXTERNAL DRAINAGE SYSTEM	A) ONE 30 CM VENTRICULAR CATHETER WITH STYLET B) CONNECTER, TROCAR, CATHETER ANCHOING COLLAR AND CONNECTING TUBE
80.001	LUMBER EXTERNAL DRAINAGE SYSTEM	A) ONE 30 CM LUMBAR CATHETER WITH 14G TOUHEY NEEDLE, CONNECTER, SUTURE COLLAR AND CONNECTING TUBE
	CEFLUI VENTRICULAR EXTERNAL DRAINAGE SYSTEM	
81.001		A) ONE DOUBLE CHAMBER BAG , BAG ANCHORING PANEL ONE 30CM ID 1.5 OD 3.0MM VENTRICULAR CATHETER WITH CONNECTER , TROCAR , CATHETER ANCHOING COLLAR AND CONNECTING TUBE
81.002	CEFLUI LUMBER EXTERNAL DRAINAGE SYSTEM	A) ONE DOUBLE CHAMBER BAG , BAG ANCHORING PANEL ONE 30 CM LUMBAR CATHETER WITH 14G TOUHEY NEEDLE , CONNECTER , SUTURE COLLAR AND CONNECTING TUBE
82.001	CRANIOMAPPER (AXIAL)(FOR MARKING & LOCALIZING ORGANS ON SKIN SURFACE ORGANS ON SKIN SURFACE AFTER CT SCAN)	A) IT HELPS IN LOCALIZING & MARKING LESIONS VISIBLE ON CAT SCAN AND CAN BE MARKED ON SKIN WITH ACCURACY OF +/- 5MM. B) FRONT LEVAL SHOULD BE AT THE LEVEL OF ORBITIAL CEILING AT MIDDLE. IT SHOULD BE TOUCH BASE OF EAR. C) ON THE FRONT BOTH FLAPS SHOULD BE EQUAL. D) TO KNOW THE CIRCUFERENTIAL POSITION OF LESION.
83.001	Bone Cement with chlorophyll pigment	A) Should be Low/Medium/ High Viscosity PMMA Bone Cement with chlorophyll pigment and should have Zinc based
84.001	SPINE BONE CEMENT	A) Should be PMMA bone cement intended for use in vertebroplasty procedures of spine.B) Should be High viscosity PMMA Bone cement with C) Should be sterilized by E.O. Gas.D) Should have zinc based maker radiopaque.E) Proprietary certificate must be attach

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85.001	VACUUM MIXING FOR BONE CEMENT	A) 1 cartridge with integrated mixing paddle and nozzle length: 204.0 mm; Ø 11.3 mm B) 1 vacuum hose with indicator, activated charcoal &sterile filter C) 1 filling funnel with seprate Powder Chamber and liquid chamber with particle filter D) 1 femoral seal, 1 knee pressurizer E) 1 nozzle short length: 80.5 mm; Ø 11.3 mm
86.001	Y CONNECTOR (for CSF Drainage Kit)	Y' CONNECTOR WITH EXTRA LARGE VENTRICULAR CATHETER CONTENTS: ONE Y CONNECTOR, ONE VENTRICULAR CATHETER 30 CM LONG WITH STYLET ETO EXPOSED HELMET COVER
87.001	NEUROSURGICAL PATTIES	STERILE : EO ETO EXPOSED SIZES : 20 X 20 CM
87.002	NEUROSURGICAL PATTIES	STERILE : EO ETO EXPOSED SIZES : 20 X 30 CM
87.003	NEUROSURGICAL PATTIES	STERILE : EO ETO EXPOSED Sizes : 50x70 mm
87.004	NEUROSURGICAL PATTIES	STERILE : EO ETO EXPOSED Sizes: 60x80mm
88.001	RANEY CLIPS FLAT SHAPE	
89.001	RANEY CLIP GUN TYPE APPLICATOR	
90.001	SUCTION IRRIGATION DEVICE	
90.002	SUCTION TUBE DISPOSABLE 2MMX70MM	
90.003	SUCTION TUBE DISPOSABLE 2MMX100MM	
90.004	SUCTION TUBE DISPOSABLE 3MMX80MM	
90.005	SUCTION TUBE DISPOSABLE 3MMX100MM	
90.006	SUCTION TUBE KEY HOLE 1MMX100MM	
90.007	SUCTION TUBE KEY HOLE 2MMX100MM	
90.008	SUCTION TUBE KEY HOLE 3MMX100MM	
90.009	SUCTION TUBE KEY HOLE 4MMX100MM	

90.010	SUCTION TUBE KEY HOLE 5MMX100MM	
91.001	ANEURYSM CLIPTRAY STAINLESS STEEL (FOR 42 CLIPS), 210X125X17MM	
92.001	STORAGETRAY FOR 23 CLIPS AND CLIP APPLIERS; INCL. LID, STACKING SYSTEM, STERILIZATION UPTO 3 BAR (143°C/289°F)	
93.001	STORAGETRAY FOR 58 YANEURYSMCLIPS STACKING SYSTEM, MADE OUT OF PPSU	
94.001	STORAGETRAY FOR CLIPS APPLIER AND INSTRUMENTS; MADE OUT OF PPSU, FOR STEAM STERILIZATION UPTO 3 BAR (143°C/289°F)	
95.001	CLIP REMOVER FOR YASARGIL MINI CLIP 21CM FORCEPS HANDLE, BAYONET, RIGID JAW	
96.001	CLIP REMOVER FOR YASARGIL STANDARD CLIP 21CM FORCEPS HANDLE, BAYONET, RIGID JAW	
97.001	YASARGIL CLIP STANDARDTEMP.FEN.Ø3,5 3MM STRAIGHT, CLOS.65.FORCE 110G MAX.OPENING 7,4MM	
98.001	APPL.FORC.F.YASARGIL MINITITANIUM CLIPS 21CM BAY.,RIGIDTITANIUM JAW,DOUBLE ACT.	
99.001	APPL.FORC.F.YASARGIL MINITITANIUM CLIPS 21CM BAYONET, ROT.TITAN.JAW,DOUBLE ACT.	
100.001	APPL.FORC.F.YASARGIL MINITITANIUM CLIPS 23CM BAYO.RIGIDTITANIUM JAW,DOUBLE ACT.	
101.001	APPL.FORC.F.YASARGIL MINITITANIUM CLIPS 23CM BAYONET,ROT.TITAN.JAW,DOUBLE ACT.	

102.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 21CM BAY.,ROT.JAW ANGLE.,DOUBLE ACTION	
103.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 23CM BAY.,ROT.JAW ANGLE.,DOUBLE ACTION	
104.001	YASARGIL CLIP STANDARDTEMP.FEN.Ø3,5 5MM ANGLED 45°, CLOSING FORCE 110G MAX.OPENING 5,8MM	
105.001	APPL.FORC. F.YASARGIL MINITITANIUM CLIP 23CM BAYONET; RIGIDTITANIUM JAW 15° UP WARDS ANGELED	
106.001	YASARGIL CLIP STANDARDTEMP.FEN.Ø3,5 12MM STRAIGHT, CLOSING FORCE 90G MAX.OPENING 9,6MM	
107.001	YASARGIL CLIP MINITEMPORARY 4MM CVD.NARROW JAW,CLOSING FORCE 70G MAX.OPENING 3,8MM	
108.001	APPL.FORC. F.YASARGIL STD.TITANIUM CLIPS 21CM BAY.,RIGIDTITANIUM JAW,DOUBLE ACT.	
109.001	APPL.FORC.F.YASARGIL STD.TITANIUM CLIPS 21CM BAYONET,ROT.TITAN.JAW,DOUBLE ACTION	
110.001	APPL.FORC. F.YASARGIL STD.TITANIUM CLIPS 23CM BAYO.TITAN. RIGID JAW,DOUBLE ACTION	
111.001	APPL.FORC.F.YASARGIL STD.TITANIUM CLIPS 23CM BAYONET,ROT.TITAN.JAW,DOUBLE ACTION	
112.001	APPL.FORCEPS FOR YASARGIL STANDARD CLIPS 21CM BAY.,ROT.JAW ANGLE.,DOUBLE ACTION	

	APPL.FORCEPS FOR YASARGIL	
113.001	STANDARD CLIPS 23CM BAY.,ROT.JAW	
	ANGLE.,DOUBLE ACTION	
	YASARGIL CLIP MINITEMPORARY 5MM	
114.001	STRAIGHT, CLOSING FORCE 70G	
	MAX.OPENING 4,0MM	
	YASARGIL CLIP MINITEMPORARY 4MM	
115.001	LIGHT CURVED, CLOSING FORCE 80G MAX.OPENING 3,6MM	
	IVIAX.OF ENING 3,01VIIVI	
_	YASARGIL CLIP MINITEMPORARY 5MM	
116.001	SLIGHTLY CURVED, CLOSING FORCE 70G MAX.OPENING 3,8MM	
	IVIAX.OI ENING 3,5IVIIVI	
	APPL.FORC. F.YASARGIL STD.TITANIUM	
117.001	CLIPS 23CM BAYONET; RIGIDTITANIUM JAW 15° UP WARDS ANGELED	
	YASARGIL CLIP MINITEMPORARY 5MM	
118.001	SIDEW.ANGLED.45°,CLOSING FORCE 70G MAX.OPENING 3,5MM	
118.001		
119.001	YASARGIL CLIP MINITEMPORARY 7MM CURVED, CLOSING FORCE 70G	
113.001	MAX.OPENING 4,4MM	
	YASARGIL CLIP MINITEMPORARY 5MM	
120.001	STRONG CURVED., CLOSING FORCE 70G MAX.OPENING 4,0MM	
	,	
	YASARGIL CLIP MINITEMPORARY 4MM	
121.001	BAYONET, CLOSING FORCE 70G MAX.OPENING 7,0MM	
	,	
	YASARGIL CLIP STANDARDTEMPORARY	
122.001	7MM SLIGHTLY CURVED, CLOSING FORCE 110G MAX. OPENING 6,0MM	
122.001	/ -	
	YASARGIL CLIP STANDARDTEMPORARY	
123.001	7MM STRONG CURVED, CLOSING	
	FORCE 110G MAX. OPENING 5,5MM	

124.001	YASARGIL CLIP STANDARDTEMPORARY 9MM LIGHT CURVED, CLOSING FORCE 90G MAX. OPENING 6,8MM	
125.001	YASARGIL CLIP STANDARDTEMPORARY 9MM STRONG CURVED, CLOSING FORCE 110G MAX. OPENING 6,1MM	
126.001	YASARGIL CLIP STANDARDTEMPORARY 11MM SIDEW.ANGLD.45°,CLOSING FORCE 90G MAX. OPENING 8,0MM	
127.001	YASARGIL CLIP STANDARDTEMPORARY 11MM ANGLED 45°, CLOSING FORCE 110G MAX. OPENING 8,4MM	
128.001	YASARGIL CLIP MINITEMPORARY 5MM CURVED, ANGLED 45°, CLOSING FORCE 70G, MAX.OPENING	
129.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 160MM RIGID SHAFT 360° ROTATING,RIGID RING HANDLE	
130.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 180MM RIGID SHAFT 360°ROTATING,RIGID RING HANDLE	
131.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 160MM RIGID SHAFT 360° ROTATING, ROT. RING HANDLE	
132.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 180MM RIGID SHAFT 360° ROTATING,ROT. J RING HANDLE	
133.001	APPL.FORCEPS FOR YASARGIL STANDARD CLIPS 160MM RIGID SHAFT 360° ROTATING,RIGID RING HANDLE	

134.001	APPL.FORCEPS FOR YASARGIL STANDARD CLIPS 180MM RIGID SHAFT 360°ROTATING,RIGID RING HANDLE	
135.001	APPL.FORCEPS FOR YASARGIL STANDARD CLIPS 160MM RIGID SHAFT 360° ROT.,ROT.JAWS RING HANDLE	
136.001	APPL.FORCEPS FOR YASARGIL STANDARD CLIPS 180MM RIGID SHAFT 360° ROTATING,ROT. JA RING HANDLE	
137.001	APPLYING FORCEPS FOR YASARGIL MINI CLIPS 17CM FORCEPS HANDLE BAYONET, RIGID JAW	
138.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 4MM STRAIGHT, CLOSING FORCE 150G MAX. OPENING 7,4MM	
139.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 5MM STRAIGHT, CLOSING FORCE 150G MAX. OPENING 7,4MM	
140.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 7MM STRAIGHT, CLOSING FORCE 150G MAX. OPENING 7,4MM	
141.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 5MM ANGLED 45°, CLOSING FORCE 150G MAX. OPENING 5,8MM	
142.001	YASARGIL CLIP STANDARD PERMANENT ANGLED 45° 5MM, CLOSING FORCE 200G MAX. OPENING 6,2MM	
143.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 5MM ANGLED 90°, CLOSING FORCE 150G MAX. OPENING 4,9MM	
144.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 9MM STRAIGHT, CLOSING FORCE 150G MAX. OPENING 8,4MM	

145.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 7MM ANGLED 45°, CLOSING FORCE 150G MAX. OPENING 6,5MM	
146.001	YASARGIL CLIP STANDARD PERMANENT ANGLED 45° 7MM, CLSOING FORCE 200G MAX. OPENING 6,5MM	
147.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 7MM ANGLED 90°, CLOSING FORCE 150G MAX. OPENING 4,9MM	
148.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 11MM ANGLED 45°, CLOSING FORCE 180G MAX.OPENING 7,2MM	
149.001	YASARGIL CLIP STANDARD PERM.FEN.Ø3,5 11M ANGLED 90°, CLOSING FORCE 180G MAX.OPENING 4,9MM	
150.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 3MM STRAIGHT, CLOSING FORCE 150G MAX.OPENING 7,4MM	
151.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 7MM STRAIGHT, CLOSING FORCE 150G MAX.OPENING 7,9MM	
152.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 5MM ANGLED 45°, CLOSING FORCE 150G MAX.OPENING 6,5MM	
153.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 7MM ANGLED 45°, CLOSING FORCE 150G MAX.OPENING 7,2MM	
154.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 11MM ANGLED 45°, CLOSING FORCE 180G MAX.OPENING 7,8MM	
155.001	YASARGIL CLIP MINI PERMANENT 3MM CURVED, NARROW JAW MAX.OPENING 3,2MM, CLOSING FOR	

156.001	YASARGIL CLIP MINI PERMANENT 4MM CURVED, NARROW JAW MAX.OPENING 3,8MM, CLOSING FOR	
157.001	YASARGIL CLIP MINI PERMANENT 4MM STRONG CVD.NAR.JAW,CLOS.65.FOR.110G MAX.OPENING 3,6MM	
158.001	YASARGIL CLIP MINI PERMANENT 5MM STRAIGHT, CLOSING FORCE 110G MAX.OPENING 4,0MM	
159.001	YASARGIL CLIP MINI PERMANENT 4MM SLIGHTLY CURVED, CLOSING FORCE 110G MAX.OPENING 3,6MM	
160.001	YASARGIL CLIP MINI PERMANENT 5MM SLIGHTLY CURVED, CLOSING FORCE 110G MAX.OPENING 3,8MM	
161.001	YASARGIL CLIP MINI PERMANENT 4MM CURVED, CLOSING FORCE 110G MAX.OPENING 3,6MM	
162.001	YASARGIL CLIP MINI PERMANENT 4MM STRONG CURVED, CLOSING FORCE 110G MAX.OPENING 3,5MM	
163.001	YASARGIL CLIP MINI PERMANENT 6MM CURVED SIDEWARD,CLOSING FORCE 130G MAX.OPENING 6,0MM	
164.001	APPL.FORC.F.YASARGIL MINI PHYNOX CLIPS 110MM BAYONET SHAFT, WITH MEMORYEFFECT ROTATINGTITAN. JAWROUND HANDLE	
165.001	YASARGIL CLIP MINI PERMANENT 7MM CURVED, CLOSING FORCE 110G MAX.OPENING 4,4MM	
166.001	YASARGIL CLIP MINI PERMANENT 5MM STRONG CURVED,CLOSING FORCE 110G MAX.OPENING 4,0MM	
167.001	YASARGIL CLIP MINI PERMANENT 5MM CURVED, CLOSING FORCE 110G MAX.OPENING 4,0MM	

168.001	YASARGIL CLIP MINI PERMANENT 4MM BAYONET, CLOSING FORCE 130G MAX.OPENING 7,0MM	
169.001	APPL.FORC.F.YASARGIL MINI PHYNOX CLIPS 70MM BAYONET SHAFT, WITH MEMORYEFFECT ROTATINGTITAN. JAWROUND HANDLE	
170.001	YASARGIL CLIP MINI PERMANENT 7MM BAYONET, CLOSING FORCE 130G MAX.OPENING 5,7MM	
171.001	APPL.FORC.F.YASARGIL MINI PHYNOX CLIPS 90MM BAYONET SHAFT, WITH MEMORYEFFECT ROTATINGTITAN. JAWROUND HANDLE	
172.001	YASARGIL CLIP STANDARD PERMANENT STRAIGHT 7MM, CLOSING FORCE 150G MAX. OPENING 6,2MM	
173.001	YASARGIL CLIP STANDARD PERMANENT FLAT CURVED 7MM, CLOSING FORCE 150G MAX. OPENING 6,0MM	
174.001	YASARGIL CLIP STANDARD PERMANENT STRONG CURVED 7MM, CLOSING FORCE 150G MAX. OPENING 5,5MM	
175.001	YASARGIL CLIP STANDARD PERMANENT 7MM ANGLED SIDEWARD 45° MAX.OPENING 5,7MM, CLOSING FORCE 200G	
176.001	YASARGIL CLIP STANDARD PERMANENT 9MM CURVED SIDEWARD MAX.OPENING 6,2MM, CLOSING FORCE 200G	
177.001	YASARGIL CLIP STANDARD PERMANENT BAYONET 7MM, CLOSING FORCE 200G MAX. OPENING 7,9MM	

178.001	YASARGIL CLIP STANDARD PERMANENT STRAIGHT 9MM, CLOSING FORCE 180G MAX. OPENING 7,0MM	
179.001	YASARGIL CLIP STANDARD PERMANENT SLIGHTLY CURVED 9MM, CLOSING FORCE 180G MAX.OPENING 6,8MM	
180.001	YASARGIL CLIP STANDARD PERMANENT STRONG CURVED 9MM, CLOSING FORCE 180G MAX. OPENING 6,1MM	
181.001	YASARGIL CLIP STANDARD PERMANENT BAYONET 9MM, CLOSING FORCE 200G MAX. OPENING 8,7MM	
182.001	YASARGIL CLIP STANDARD PERMANENT BAYONET 12MM, CLOSING FORCE 200G MAX. OPENING 10,2MM	
183.001	YASARGIL CLIP STANDARD PERMANENT STRAIGHT 11MM, CLOSING FORCE 180G MAX. OPENING 7,8MM	
184.001	YASARGIL CLIP STANDARD PERMANENT 11MM ANGLED SIDEWARD 45° MAX.OPENING 8,0MM, CLOSING FORCE 200G	
185.001	YASARGIL CLIP STANDARD PERMANENT SLIGHTLY CURVED 11MM, CLOSING FORCE 180G MAX. OPENING 7,5MM	
186.001	YASARGIL CLIP STANDARD PERMANENT ANGLED 45° 11MM, CLOSING FORCE 200G MAX. OPENING 8,4MM	
187.001	YASARGIL CLIP STANDARD PERMANENT STRONG CURVED 11MM, CLOSING FORCE 180G MAX. OPENING 6,5MM	
188.001	YASARGIL CLIP STANDARD PERMANENT 5MM BAYONET, HEIGHT OF STEP: 2,5MM MAX.OPENING 8,0MM, CLOSING FORCE 200G	

189.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 5MM ANGLED DWD. 90°, JAW CURVED LEFT MAX.OPENING 5,8MM, CLOSING FORCE 150G	
190.001	YASARGIL CLIP STANDARD PERMANENT SLIGHTLY CURVED 15MM, CLOSING FORCE 200G MAX. OPENING 8,7MM	
191.001	YASARGIL CLIP STANDARD PERMANENT 17MM BAYONET , CLOSING FORCE 200G MAX. OPENING 11,9MM	
192.001	YASARGIL CLIP MINI PERMANENT 5MM CURVED, ANGLED 45°, CLOSING FORCE 130G, MAX.OPENING 4,0MM	
193.001	YASARGIL CLIP STANDARD PERMANENT 90° ANGLED 7MM, CLOSING FORCE 200G MAX. OPENING 5,6MM	
194.001	APPL.FORC.F.YASARGIL STANDARD PHYNOX CLIP; 110MM BAYONET SHAFT, MEMORYEFFEKT ROTATING JAW, ROUND HANDEL	
195.001	YASARGIL CLIP STANDARD PERMANENT 90° ANGLED 10MM, CLOSING FORCE 200G MAX. OPENING 5,6MM	
196.001	YASARGIL CLIP STANDARD PERMANENT JSHAPED 7MM, CLOSING FORCE 180G MAX. OPENING 5,4MM	
197.001	APPL.FORC.F.YASARGIL STANDARD PHYNOX CLIP; 90MM BAYONET SHAFT, MEMORYEFFEKT ROTATING JAW, ROUND HANDEL	
198.001	YASARGIL CLIP STANDARD PERMANENT 8MM ANGLED WITH RADIUS MAX.OPENING 5,4MM, CLOSING FORCE 200G	

199.001	YASARGIL CLIP STANDARD PERM.FEN.Ø5 7MM ANGLED DWD.90°, OPEN. SIDEWARD RIGHT MAX.OPENING 5,6MM, CLOSING FORCE 150G	
200.001	YASARGILTITANIUM CLIP STD.PERMANENT FENESTRATED Ø3,5MM, 3MM ANGLED 45° CLOSING FORCE 150G, MAX. OPENING 5,8MM	
201.001	STORAGETRAY FOR 134 D-ANEURYSM- CLIPS AND CLIP-APPLIERS / INSTRUMENTS, ALU-CASE W. 5 PPSUBOXES FOR CLIPS, 540X253X95MM	
202.001	D-CLIP APPLIER/ REMOVER, STANDARD/ MINI, WORKING LEGTH 90MM,BAYONET, RIGID JAW, DOUBLE ACTION, 210 MM	
203.001	D-CLIP APPLIER/ REMOVER, STANDARD/ MINI, 110 MM WORKING LENGTH,BAYONET, RIGID JAW, DOUBLE ACTION, 230 MM	
204.001	D-CLIP APPLIER/ REMOVER, STANDARD/ MINI 90 MM WORKING LENGTH,BAYONET, VARIABLE JAW, DOUBLE ACTION, 210 MM	
205.001	D-CLIP APPLIER/ REMOVER, STANDARD/ MINI 110 MM WORKING LENGTH,BAYONET, VARIABLE JAW, DOUBLE ACTION, 230 MM	
206.001	D-ANEURYSM CLIPTITANIUMTEMPORARY STRAIGHT 7 MM, OPENING 8 MM CLOSING FORCE 90G/0,88N	
207.001	D-ANEURYSM CLIPTITANIUMTEMPORARY STRAIGHT 9 MM, OPENING 8,9 MM CLOSING FORCE 90G/0,88N	

208.001	D-ANEURYSM CLIPTITANIUMTEMPORARY SLIGHTLY CURVED 9 MM, OPENING 8,9 MM CLOSING FORCE 90G/0,88N	
209.001	D-ANEURYSM CLIPTITANIUMTEMPORARY STRAIGHT 12MM, OPENING 10,2MM CLOSING FORCE 90G/0,88N	
210.001	D-ANEURYSM CLIPTITANIUMTEMPORARY SLIGHTLY CURVED 11MM, OPENING 10,2 MM CLOSING FORCE 90G/0,88N	
211.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 3 MM OPENING 7,7MM, CLOSING FORCE 150G/1,47N	
212.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 4 MM OPENING 8,4MM, CLOSING FORCE 150G/1,47N	
213.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 5 MM OPENING 8,4MM, CLOSING FORCE 150G/1,47N	
214.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 6 MM OPENING 9,4MM, CLOSING FORCE 150G/1,47N	
215.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø3,5MM, 5MM ANGLED 45° OPENING 6,3MM, CLOSING FORCE 150G/1,47N	
216.001	D-ANEURYSM CLIPTITANIUM PERMANENT 45° ANGLED 5MM, OPENING 7,9MM CLOSING FORCE 180G/1,77N	

217.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, 5 MM ANGLED 90° OPENING 4,9 MM, CLOSING FORCE 150G/1,47N	
218.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 9 MM OPENING 10,7MM, CLOSING FORCE 150G/1,47N	
219.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, 7,5 MM ANGLED 45° OPENING 7,3MM, CLOSING FORCE 150G/1,47N	
220.001	D-ANEURYSM CLIPTITANIUM PERMANENT 45° ANGLED 7,5MM, OPENING 9,1MM CLOSING FORCE 180G/1,77N	
221.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø3,5 MM; 7,5 MM ANGLED 90° OPENING 4,9 MM, CLOSING FORCE 150G/1,47N	
222.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, STRAIGHT 12 MM OPENING 12,0MM, CLOSING FORCE 150G/1,47N	
223.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM; 10 MM ANGLED 45° OPENING 8,3MM, CLOSING FORCE 150G/1,47N	
224.001	D-ANEURYSM CLIPTITANIUM PERMANENT 45° ANGLED 10MM, OPENING 9,8MM CLOSING FORCE 180G/1,77N	
225.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, 10 MM ANGLED 90° OPENING 4,9 MM, CLOSING FORCE 150G/1,47N	

226.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 4 MM STRAIGHT OPENING 9,5MM,CLOSING FORCE 150G/1,47N	
227.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 5MM STRAIGHT OPENING 9,5MM, CLOSING FORCE 150G/1,47N	
228.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 6 MM STRAIGHT OPENING 10,2 MM, CLOSING FORCE 150G/1,47	
229.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 5 MM ANGLED 45° OPENING 8,3MM, CLOSING FORCE 150G/1,47N	
230.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 5 MM ANGLED 90° OPENING 6,1MM, CLOSING FORCE 150G/1,47N	
231.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 9 MM STRAIGHT OPENING 11,6MM, CLOSING FORCE 150G/1,47N	
232.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 7,5 MM ANGLED 45° OPENING 8,5MM, CLOSING FORCE 150G/1,47N	
233.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 7,5 MM ANGLED 90° OPENING 6,1MM, CLOSING FORCE 150G/1,47N	
234.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 10 MM ANGLED 45° OPENING 9,0MM, CLOSING FORCE 150G/1,47N	

235.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM, 10 MM ANGLED 90° OPENING 6,1MM, CLOSING FORCE 150G/1,47N	
236.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 5 MM,13 MM ANGLED 90° OPENING 6,1MM, CLOSING FORCE 150G/1,47N	
237.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT STRAIGHT 3MM, NARROW JAW, OPENING 4,8 MM CLOSING FORCE 110G/1,08N	
238.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT CURVED 3MM, NARROW JAW, OPENING 4,9 MM CLOSING FORCE 110G/1,08N	
239.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT STRAIGHT 5MM, NARROW JAW, OPENING 6,0 MM CLOSING FORCE 110G/1,08N	
240.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT CURVED 4MM, NARROW JAW; OPENING 5,9MM; CLOSING FORCE 110G/1,08N	
241.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT STRAIGHT 3MM, OPENING 4,8MM CLOSING FORCE 110G/1,08N	
242.001	D-ANEURYSM CLIPTITANIUM PERMANENT ANGLED 5MM, OPENING 8,4MM CLOSING FORCE 180G/1,77N	
243.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT STRAIGHT 5MM, OPENING 6,0MM CLOSING FORCE 110G/1,08N	
244.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT SLIGHTLY CURVED 4MM, OPENING 5,9 MM CLOSING FORCE 110G/1,08N	
245.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT SLIGHTLY CURVED 5MM; OPENING 6,3 MM CLOSING FORCE 110G/1,08N	

	D-ANEURYSM MINI CLIPTITANIUM	
246.001	PERMANENT SIDEWARD ANGLED 5 MM; OPENING 7,0 MM CLOSING FORCE 110G/1,08N	
247.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT STRAIGHT 7MM, OPENING 7,1MM CLOSING FORCE 110G/1,08N	
248.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT CURVED 7MM, OPENING 7,3 MM CLOSING FORCE 110G/1,08N	
249.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT CURVED 4MM, OPENING 5,9MM CLOSING FORCE 110G/1,08N	
250.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT CURVED 5MM, OPENING 6,2 MM CLOSING FORCE 110G/1,08N	
251.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT BAYONET 4MM; OPENING 8,1MM CLOSING FORCE 110G/1,08N	
252.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT BAYONET 7MM, OPENING 9,8 MM CLOSING FORCE 110G/1,08N	
253.001	D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 7MM, OPENING 8,0MM CLOSING FORCE 150G/1,47N	
254.001	D-ANEURYSM CLIPTITANIUM PERMANENT SIDEWARD ANGLED 8,0MM, OPENING 8,5MM CLOSING FORCE 180G/1,77N	
255.001	D-ANEURYSM CLIPTITANIUM PERMANENT CURVED SIDEWARD 8,6MM, OPENING 8,4MM CLOSING FORCE 180G/1,77N	
256.001	D-ANEURYSM CLIPTITANIUM PERMANENT CURVED SIDEWARD 11MM, OPENING 9MM CLOSING FORCE 180G/1,77N	

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257.001	D-ANEURYSM CLIPTITANIUM PERMANENT CURVED SIDEWARD 15MM, OPENING 12,2MM CLOSING FORCE 180G/1,77N	
258.001	D-ANEURYSM CLIPTITANIUM PERMANENT CURVED SIDEWARD 18MM, OPENING 13,3MM CLOSING FORCE 180G/1,77N	
259.001	D-ANEURYSM CLIPTITANIUM PERMANENT BAYONET 7MM, OPENING 9,5MM CLOSING FORCE 180G/1,77N	
260.001	D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 9MM, OPENING 8,9MM CLOSING FORCE 180G/1,77N	
261.001	D-ANEURYSM CLIPTITANIUM PERMANENT BAYONET 10MM, OPENING 11,9MM CLOSING FORCE 180G/1,77N	
262.001	D-ANEURYSM CLIPTITANIUM PERMANENT BAYONET 12MM, OPENING 13,6MM CLOSING FORCE 180G/1,77N	
263.001	D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 12MM, OPENING 10,2MM CLOSING FORCE 180G/1,77N	
264.001	D-ANEURYSM CLIPTITANIUM PERMANENT SIDEWARD ANGLED 12MM, OPENING 10,5 MM CLOSING FORCE 180G/1,77N	
265.001	D-ANEURYSM CLIPTITANIUM PERMANENT SLIGHTLY CURVED 11MM, OPENING 10,2MM CLOSING FORCE 180G/1,77N	
266.001	D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 15MM, OPENING 12,2MM CLOSING FORCE 180G/1,77N	
267.001	D-ANEURYSM CLIPTITANIUM PERMANENT SLIGHTLY CURVED 15MM, OPENING 12,2MM CLOSING FORCE 180G/1,77N	

268.001	D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 18MM, OPENING 13,3MM CLOSING FORCE	
	180G/1,77N	
269.001	D-ANEURYSM CLIPTITANIUM PERMANENT SLIGHTLY CURVED 18MM,OPENING 13,3MM CLOSING FORCE 180G/1,77N	
270.001	D-ANEURYSM MINI CLIPTITANIUM PERMANENT ANGLED 7MM, OPENING 7,2 MM CLOSING FORCE 110G/1,08N	
271.001	D-ANEURYSM CLIPTITANIUM PERMANENT 9 MM, 50° CURVED, OPENING 9,5MM CLOSING FORCE 180G/1,77N	
272.001	D-ANEURYSM CLIPTITANIUM PERMANENT 90° ANGLED 5MM, OPENING 6,1MM CLOSING FORCE 180G/1,77N	
273.001	D-ANEURYSM CLIPTITANIUM PERMANENT 90° ANGLED 7,5MM, OPENING 6,1MM CLOSING FORCE 180G/1,77N	
274.001	D-ANEURYSM CLIPTITANIUM PERMANENT 90° ANGLED 10MM, OPENING 6,1MM CLOSING FORCE 180G/1,77N	
275.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 21 MM, OPENING 13,5 MM CLOSING FORCE 180G/1,77N	
276.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT BAYONET 20 MM, OPENING 13,5 MM CLOSING FORCE 180G/1,77N	
277.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 25MM, OPENING 13,7MM CLOSING FORCE 180G/1,77N	
278.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 30MM, OPENING 16,0MM CLOSING FORCE 180G/1,77N	

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279.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 35 MM, OPENING 18,7 MM CLOSING FORCE 180G/1,77N	
280.001	GIANT D-ANEURYSM CLIPTITANIUM PERMANENT STRAIGHT 40 MM, OPENING 21,0 MM CLOSING FORCE 180G/1,77N	
281.001	D-ANEURYSM CLIPTITANIUM PADDLE- CLIP PERMANENT, 11 MM STRAIGHT, OPENING 12,3MM, CLOSING FORCE 250G/2,45N	
282.001	D-ANEURYSM CLIPTITANIUM PERMANENT BOOSTER CLIP 3 MM, OPENING 3,8 MM CLOSING FORCE 250G/2,45N	
283.001	D-ANEURYSM CLIPTITANIUM PERMANENT 4MM STRONG CURVED, OPENING 3,8MM CLOSING FORCE 180G/1,77N	
284.001	D-ANEURYSM CLIPTITANIUM PERMANENT FENESTRATED Ø 3,5 MM, 3 MM, ANGLED 50° OPENING 6,1MM, CLOSING FORCE 150G/1,47N	
285.001	MINI D-CLIP APPLIER	
286.001	STANDARD D-CLIP APPLIER	
287.001	MINI D-CLIP REMOVER	
288.001	STANDARD D-CLIP REMOVER	
289.001	D-CLIP TRAY	
290.001	D-CLIP INSTRUMENTS TRAY	
291.001	L-FIXATION CUTTING/ REMOVING FORCEPS TOTAL LENGTH 125 MM / 4"	
292.001	L-FIXATION S1TITANIUM SMALL, Ø 13MM PU= 5 PCS.65.	
293.001	L-FIXATION L1TITANIUM LARGE, Ø 20MM PU= 5 PCS.65.	
294.001	L-FIXATION S2TITANIUM SMALL, Ø 13MM PU= 5 PCS.65.	
295.001	L-FIXATION L2TITANIUM LARGE, Ø 20MM PU= 5 PCS.65.	
296.001	L-FIXATION S3TITANIUM SMALL, Ø 13MM PU= 5 PCS.65.	
297.001	L-FIXATION L3TITANIUM LARGE, Ø 20MM PU= 5 PCS.65.	

298.001	GAUGINGTOOL FOR L-FIXATION PACKING UNIT 20 PC.	
299.001	L-FIXATION STORAGE AND STERILIZATION CONTAINER FOR 1 REMOVING FORCEPS AND 4 GAUGINGTOOLS	
300.001	CRANIAL PATIENT SPECIFIC IMPLANT OF PEEK MATERIAL FOR CRANIOPLASTY SMALL	
301.001	CRANIAL PATIENT SPECIFIC IMPLANT OF PEEK MATERIAL FOR CRANIOPLASTY MEDIUM	
302.001	CRANIAL PATIENT SPECIFIC IMPLANT OF PEEK MATERIAL FOR CRANIOPLASTY LARGE	
303.001	CRANIAL PATIENT SPECIFIC IMPLANT OF TITANIUM MATERIAL FOR CRANIOPLASTY SMALL	
304.001	CRANIAL PATIENT SPECIFIC IMPLANT OF TITANIUM MATERIAL FOR CRANIOPLASTY MEDIUM	
305.001	CRANIAL PATIENT SPECIFIC IMPLANT OF TITANIUM MATERIAL FOR CRANIOPLASTY LARGE	
306.001	MAYFIELD SKULL PIN ADULT PACK OF 3 DISPOSABLE	
307.001	MAYFIELD SKULL PIN PEDIATRIC PACK OF 3 DISPOSABLE	
308.001	MAYFIELD SKULL PIN ADULT PACK OF 3 REUSABLE	
309.001	MAYFIELD SKULL PIN PEDIATRIC PACK OF 3 REUSABLE	
310.001	MAYFIELD SKULL PIN ADULT PACK OF 3 DISPOSABLE REDIOLUCENT	
311.001	MAYFIELD SKULL PIN PEDIATRIC PACK OF 3 DISPOSABLE REDIOLUCENT	
	SEEG Coagulation with Depth Electrodes with Accessories	
212.004		
312.001	5 contacts depth electrode 8 contacts depth electrode	
312.002 312.003	10 contacts depth electrode	
312.003	12 contacts depth electrode	
312.004	15 contacts depth electrode	

312.007	3x5 contacts sp. 7mm depth electrode	
312.008	3x5 contacts sp. 11mm depth electrode	
312.009	3x6 contacts sp. 11mm depth electrode	
	HIGH RESOLUTION DEPTH ELECTRODES:-	
313.001	12 contacts high resolution electrode step 2mm	
313.002	15 contacts high resolution electrode step 2mm	
313.003	18 contacts high resolution electrode step 2mm	
	Micro Macro Range Depth Electrodes	
	Micro-macro donth clostrodo E macro	
314.001	Micro-macro depth electrode - 5 macro & 9 micro contacts Type 6	
314.002	Micro-macro depth electrode - 8 macro & 6 micro contacts Type 6	
314.003	Micro-macro depth electrode - 8 macro & 9 micro contacts Type 6	
	Extension cable	
315.001	5 contacts braided extension cable	
315.002	8 contacts braided extension cable	
315.003	10 contacts braided extension cable	
315.004	12 contacts braided extension cable	
	4 C	
315.005	15 contacts braided extension cable	
315.005 315.006	18 contacts braided extension cable	
315.006	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for	
315.006	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes	
315.006 315.007 316.001	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws	
315.006 315.007	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw 25mm guidance screw	
315.006 315.007 316.001 316.002	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw	
315.006 315.007 316.001 316.002 316.003	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw 25mm guidance screw 30mm guidance screw 35mm guidance screw	
315.006 315.007 316.001 316.002 316.003 316.004	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw 25mm guidance screw 30mm guidance screw 10mm short guidance screw	
315.006 315.007 316.001 316.002 316.003 316.004 316.005	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw 25mm guidance screw 30mm guidance screw 30mm guidance screw 15mm short guidance screw	
315.006 315.007 316.001 316.002 316.003 316.004 316.005 316.006	18 contacts braided extension cable 9+9 contacts Braided/shielded cable for micro-macro electrodes Guidance screws 15mm guidance screw 20mm guidance screw 25mm guidance screw 30mm guidance screw 10mm short guidance screw	

316.010	30mm short guidance screw	
316.011	Stylet with stopper - OD 0.8mm L>120mm	
316.012	SEEG ruler	
	Ancillaries for guidance screws	
317.001	Short screwdriver	
317.002	Long screwdriver	
317.003	Wrench	
317.004	Short screwdriver for short guidance screw	
317.005	Long screwdriver for short guidance screw	
317.006	Wrench for short guidance screw	
317.007	Screwdriver for short guidance screw cap	
317.008	Clamp	
	Coagulation electrode	
318.001	30mm straight coagulation electrode	
318.002	20mm conical coagulation electrode	
	Drills	
319.001	Drill SEEG L=200	
319.002	Drill SEEG L=200 conical tip	
319.003	Drill SEEG L=200 conical H06	
319.004	Drill SEEG L=250	
319.005	Drill with fixed guide and stopper - OD 2.9mm Length 250mm	
319.006	Drill with fixed guide and stopper - OD 4.0mm Length 250mm	
319.007	Drill L=LLL - OD body 2.45mm - cut OD 2.45 long 14mm straight	
319.008	Drill L=LLL - OD body 2.50mm - cut OD 2.50 long 14mm straight	
319.009	Drill L=LLL - OD body 2.50mm - cut OD 2.50 long 20mm straight	

321.001	Bone Cement (Methyl Methacrylate)	bone cement – 40 gram sterile pack. A.With antibiotic gentamicin 1gram B. without antibiotic A methyl methacrylate/styrene copolymer medium/ high viscosity bone cement • Setting time: approximately 10 – 15 minutes European CE four digit genuine CE certified/USFDA approved.
322.001	Percutaneous Dilatation Tracheostomy Set with Griggs forceps with Subglottic Suction Tracheostomy tube	With Griggs forceps, Size: all sizes
323.001	Percutaneous Dilatation Tracheostomy Set without Griggs forceps with Subglottic Suction Tracheostomy tube	Without Griggs Forceps, Size: all sizes
324.001	Percutaneous Dilatation Tracheostomy Set without Griggs forceps with Subglottic Suction Tracheostomy tube	single stage dialatation percutaneous tracheostomy kit utilizing "Ciaglia technique"
	Bipolar non stick forceps	
325.001	bipol non-s fcps 15cm 0.6mm str	bipol non-stick forceps 15cm 0.6mm straight with less exposure of cauterization tip
325.002	bipol non-s fcps 15cm 1.0mm str	bipol non-stick forceps 15cm 1.0mm straight with less exposure of cauterization tip
325.003	bipol non-s fcps 18cm 0.6mm str	bipol non-stick forceps 18cm 0.6mm straight with less exposure of cauterization tip
325.004	bipol non-s fcps 18cm 1.0mm str	bipol non-stick forceps 18cm 1.0mm straight with less exposure of cauterization tip
325.005	bipol non-s fcps 20cm 0.6mm str	bipol non-stick forceps 20cm 0.6mm straight with less exposure of cauterization tip
325.006	bipol non-s fcps 20cm 1.0mm str	bipol non-stick forceps 20cm 1.0mm straight with less exposure of cauterization tip
325.007	bipol non-s fcps 20cm 1.3mm str	bipol non-stick forceps 20cm 1.3mm straight with less exposure of cauterization tip
325.008	bipol non-s fcps 20cm 2.0mm str	bipol non-stick forceps 20cm 2.0mm straight with less exposure of cauterization tip
325.009	bipol non-s fcps 22cm 2.0mm str	bipol non-stick forceps 22cm 2.0mm straight with less exposure of cauterization tip
325.010	bipol non-s fcps 24cm 1.0mm str	bipol non-stick forceps 24cm 1.0mm straight with less exposure of cauterization tip
	hinal nan a fana 10am 0 6mm etr 15°	bipol non-stick forceps 18cm 0.6mm straight 45°
325.011	bipol non-s fcps 18cm 0.6mm str 45° ang	angle with less exposure of cauterization tip

325.013	bipol non-s fcps 11cm 0.25mm str	bipol non-stick forceps 11cm 0.25mm straight with less exposure of cauterization tip
325.014	bipol non-s fcps 11cm 0.6mm str	bipol non-stick forceps 11cm 0.6mm straight with less exposure of cauterization tip
325.015	bipol non-s fcps 11cm 1.0mm str	bipol non-stick forceps 11cm 1.0mm straight with less exposure of cauterization tip
325.016	bipol non-s fcps 11cm 0.25mm str 45° ang	bipol non-stick forceps 11cm 0.25mm straight 45° angle with less exposure of cauterization tip
325.017	bipol non-s fcps 11cm 0.6mm str 45° ang	bipol non-stick forceps 11cm 0.6mm straight 45° angle with less exposure of cauterization tip
325.018	bipol non-s fcps 11cm 1.0mm str 45° ang	bipol non-stick forceps 11cm 1.0mm straight 45° angle with less exposure of cauterization tip
325.019	bipol non-s bay fcps 20cm 0.3mm str	bipol non-stick bayonet forceps 20cm 0.3mm straight with less exposure of cauterization tip
325.020	bipol non-s bay fcps 20cm 0.6mm str	bipol non-stick bayonet forceps 20cm 0.6mm straight with less exposure of cauterization tip
325.021	bipol non-s bay fcps 20cm 1.0mm str	bipol non-stick bayonet forceps 20cm 1.0mm straight with less exposure of cauterization tip
325.022	bipol non-s bay fcps 20cm 1.3mm str	bipol non-stick bayonet forceps 20cm 1.3mm straight with less exposure of cauterization tip
325.023	bipol non-s bay fcps 20cm 2.0mm str	bipol non-stick bayonet forceps 20cm 2.0mm straight with less exposure of cauterization tip
325.024	bipol non-s bay fcps 22cm 0.3mm str	bipol non-stick bayonet forceps 22cm 0.3mm straight with less exposure of cauterization tip
325.025	bipol non-s bay fcps 22cm 0.6mm str	bipol non-stick bayonet forceps 22cm 0.6mm straight with less exposure of cauterization tip
325.026	bipol non-s bay fcps 22cm 1.0mm str	bipol non-stick bayonet 22cm 1.0mm straight with less exposure of cauterization tip
325.027	bipol non-s bay fcps 22cm 1.3mm str	bipol non-stick bayonet forceps 22cm 1.3mm straight with less exposure of cauterization tip
325.028	bipol non-s bay fcps 22cm 2.0mm str	bipol non-stick bayonet forceps 22cm 2.0mm straight with less exposure of cauterization tip
325.029	bipol non-s bay fcps 24cm 0.3mm str	bipol non-stick bayonet forceps 24cm 0.3mm straight with less exposure of cauterization tip
325.030	bipol non-s bay fcps 24cm 0.6mm str	bipol non-stick bayonet forceps 24cm 0.6mm straight with less exposure of cauterization tip
325.031	bipol non-s bay fcps 24cm 1.0mm str	bipol non-stick bayonet forceps 24cm 1.0mm straight with less exposure of cauterization tip
325.032	bipol non-s bay fcps 24cm 1.3mm str	bipol non-stick bayonet forceps 24cm 1.3mm straight with less exposure of cauterization tip
325.033	bipol non-s bay fcps 24cm 2.0mm str	bipol non-stick bayonet forceps 24cm 2.0mm straight with less exposure of cauterization tip
325.034	bipol non-s bay fcps 20cm 0.3mm str 45° ang up	bipol non-stick bayonet forceps 20cm 0.3mm straight 45° angle up with less exposure of cauterization tip

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325.035	bipol non-s bay fcps 20cm 0.6mm str 45° ang up	bipol non-stick bayonet forceps 20cm 0.6mm straight 45° angle up with less exposure of cauterization tip
325.036	bipol non-s bay fcps 20cm 1.0mm str 45° ang up	bipol non-stick bayonet forceps 20cm 1.0mm straight 45° angle up with less exposure of cauterization tip
325.037	bipol non-s bay fcps 22cm 0.3mm str 45° ang up	bipol non-stick bayonet forceps 22cm 0.3mm straight 45° angle up with less exposure of cauterization tip
325.038	bipol non-s bay fcps 22cm 0.6mm str 45° ang up	bipol non-stick bayonet forceps 22cm 0.6mm straight 45° angle up with less exposure of cauterization tip
325.039	bipol non-s bay fcps 24cm 0.3mm str 45° ang up	bipol non-stick bayonet forceps 24cm 0.3mm straight 45° angle up with less exposure of cauterization tip
325.040	bipol non-s bay fcps 24cm 0.6mm str 45° ang up	bipol non-stick bayonet forceps 24cm 0.6mm straight 45° angle up with less exposure of cauterization tip
325.041	bipol non-s bay fcps 18cm 0.3mm str 45° ang up	bipol non-stick bayonet forceps 18cm 0.3mm straight 45° angle up with less exposure of cauterization tip
325.042	bipol non-s bay fcps 18cm 0.6mm str 45° ang up	bipol non-stick bayonet forceps 18cm 0.6mm straight 45° angle up with less exposure of cauterization tip
325.043	bipol non-s bay fcps 18cm 1.0mm str 45° ang up	bipol non-stick bayonet forceps 18cm 1.0mm straight 45° angle up with less exposure of cauterization tip
325.044	PEN suction cannula hdl	Power regulated Ergonomic Non-clogging suction cannula handle
325.045	PEN adapter f disposable suct cannulas w plug-in connection	Power regulated Ergonomic Non-clogging adapter for disposable suction cannulas w plug-in connection
325.046	PEN cannula 1.5x55mm mall	Power regulated Ergonomic Non-clogging cannula 1.5x55mm malleable
325.047	PEN cannula 1.5x90mm mall	Power regulated Ergonomic Non-clogging cannula 1.5x90mm malleable
325.048	PEN cannula 1.5x110mm mall	Power regulated Ergonomic Non-clogging cannula 1.5x110mm malleable
325.049	PEN cannula 2.0x55mm mall	Power regulated Ergonomic Non-clogging cannula 2.0x55mm malleable
325.050	PEN cannula 2.0x90mm mall	Power regulated Ergonomic Non-clogging cannula 2.0x90mm malleable
325.051	PEN cannula 2.0x110mm mall	Power regulated Ergonomic Non-clogging cannula 2.0x110mm malleable
325.052	tray 203x114x30mm w holding device f 12 instr	tray 203x114x30mm w holding device f 12 instr

326.001	Gigli (Olivecrona) saw & handle	
326.002	Gigli (Olivecrona) wire saw 30cm p/5	
326.003	Gigli (Olivecrona) wire saw 40cm p/5	
326.004	Gigli (Olivecrona) wire saw 50cm p/5	
326.005	Gigli (Olivecrona) wire saw 60cm p/5	
326.006	Gigli (Olivecrona) wire saw 70cm p/5	
326.007	Gigli wire saw hdl solid p/2	
	Galea Hooks	
327.001	Yasargil galea hook 31cm	
328.001	Yasargil galea hook 41cm	
329.001	Endoscopic Camera Cover Sterile	Made of polyethylene sleeve and paper leader. Distal end of PE sleeve has perforations and an adhesive strip for tying the end around the cable Or having ring at one end.
330.001	Umbilical Cotton Tape	75 cm x 3 mm
331.001	Wooden tongue depressor disposable Pack of 100	Smooth surface and strong
332.001	Steel wire monofilament suture for pinna surgery	
333.001	Auricular reconstructive fixation Steel wire with double needle	0.15 mm
334.001	Fungisome Gel	Liposomal Amphotericin B Gel 0.1% w/w 10 gms for topical application
335.001	Fungisome	Injection Liposomal Amphotericin B in Saline 50 mg/50 ml vial
336.001	Ligaclips Size 100	
337.001	Ligaclips Size 200	
338.001	Alluminium Nasal Splints	Small
339.001	Alluminium Nasal Splints	Medium
340.001	Alluminium Nasal Splints	Large
341.001	Dehydrated compressed non- absorbable hydroxylated polyvinyl acetate nasal pack 8 cms with airway	
342.001	Dehydrated compressed non- absorbable hydroxylated polyvinyl acetate nasal pack 8 cms with String	

343.001	Dehydrated compressed non- absorbable hydroxylated polyvinyl acetate nasal pack 8 cms without String	
344.001	Dehydrated compressed non- absorbable hydroxylated polyvinyl acetate Ear pack 24 mm	
345.001	Dehydrated compressed non- absorbable hydroxylated polyvinyl acetate Ear pack 15 mm	
	TRACHEOSTOMY TUBES	The joint between tube and hinge/flange should becompletely and firmly fused in their ENTIRE length of contact and their should not be any gap in area of contact between tube and flange/hinge.
346.001	PVC tracheostomy tube - Uncuffed	Size 2.5
346.002	PVC tracheostomy tube - Uncuffed	Size 3.0
346.003	PVC tracheostomy tube - Uncuffed	Size 3.5
346.004	PVC tracheostomy tube - Uncuffed	Size 4.0
346.005	PVC tracheostomy tube - Uncuffed	Size 4.5
346.006	PVC tracheostomy tube - Uncuffed	Size 5.0
346.007	PVC tracheostomy tube - Uncuffed	Size 5.5
346.008	PVC tracheostomy tube - Uncuffed	Size 6.0
346.009	PVC tracheostomy tube - Uncuffed	Size 6.5
346.010	PVC tracheostomy tube - Uncuffed	Size 7.0
346.011	PVC tracheostomy tube - Uncuffed	Size 7.5
346.012	PVC tracheostomy tube - Uncuffed	Size 8.0
346.013	PVC tracheostomy tube - Uncuffed	Size 8.5
346.014	PVC tracheostomy tube - Uncuffed	Size 9.0
346.015	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 6.0
346.016	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 6.5
346.017	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 7.0
346.018	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 7.5
346.019	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 8.0
346.020	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 8.5
346.021	PVC Tracheostomy tube size with Subglottic Suction Line - Uncuffed	Size - 9.0
346.022	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 3.0 Low Pressure High Volume Cuff

	PVC Tracheostomy tube size with	
346.023	Subglottic Suction Line - Cuffed	Size 3.5 Low Pressure High Volume Cuff
346.024	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 4.0 Low Pressure High Volume Cuff
346.025	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 4.5 Low Pressure High Volume Cuff
346.026	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 5.0 Low Pressure High Volume Cuff
346.027	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 5.5 Low Pressure High Volume Cuff
346.028	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 6.0 Low Pressure High Volume Cuff
346.029	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 6.5 Low Pressure High Volume Cuff
346.030	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 7.0 Low Pressure High Volume Cuff
346.031	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 7.5 Low Pressure High Volume Cuff
346.032	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 8.0 Low Pressure High Volume Cuff
346.033	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 8.5 Low Pressure High Volume Cuff
346.034	PVC Tracheostomy tube size with Subglottic Suction Line - Cuffed	Size 9.0 Low Pressure High Volume Cuff
346.035	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	Size 4.0
346.036	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 5.0
346.037	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 6.0
346.038	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 7.0
346.039	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 7.5
346.040	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 8.0
346.041	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 8.5
346.042	PVC tracheostomy tube - double lumen with fenestrations - Cuffed	size 9.0
346.043	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	Size 4.0
346.044	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 5.0
346.045	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 6.0

346.046	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 7.0
346.047	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 7.5
346.048	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 8.0
346.049	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 8.5
346.050	PVC tracheostomy tube - double lumen with fenestrations - Uncuffed	size 9.0
346.051	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 3.0 Low Pressure High Volume Cuff
346.052	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 3.5 Low Pressure High Volume Cuff
346.053	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 4.0 Low Pressure High Volume Cuff
346.054	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 4.5 Low Pressure High Volume Cuff
346.055	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 5.0 Low Pressure High Volume Cuff
346.056	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 5.5 Low Pressure High Volume Cuff
346.057	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 6.0 Low Pressure High Volume Cuff
346.058	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 6.5 Low Pressure High Volume Cuff
346.059	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 7.0 Low Pressure High Volume Cuff
346.060	Silicon tracheostomy tube - with adjustable flange - Cuffed	
346.061	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 7.5 Low Pressure High Volume Cuff
346.062	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 8.0 Low Pressure High Volume Cuff
346.063	Silicon tracheostomy tube - with adjustable flange - Cuffed	Size 8.5 Low Pressure High Volume Cuff
346.064	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 9.0 Low Pressure High Volume Cuff
346.065	Silicon tracheostomy tube - with	Size 3.0
346.066	adjustable flange - Unuffed Silicon tracheostomy tube - with	Size 3.5
346.067	adjustable flange - Unuffed Silicon tracheostomy tube - with	Size 4.0
346.068	adjustable flange - Unuffed Silicon tracheostomy tube - with	Size 4.5
340.008	adjustable flange - Unuffed	Size 5.0

346.069	Silicon tracheostomy tube - with	
3 101003	adjustable flange - Unuffed	Size 5.5
346.070	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 6.0
346.071	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 6.5
346.072	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 7.0
346.073	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 7.5
346.074	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 8.0
346.075	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 8.5
346.076	Silicon tracheostomy tube - with adjustable flange - Unuffed	Size 9.0
347.001	Montgomory T tube silicone - long	Size 4
347.002	Montgomory T tube silicone - long	Size 6
347.003	Montgomory T tube silicone - long	Size 8
347.004	Montgomory T tube silicone - long	Size 10
347.005	Montgomory T tube silicone - long	Size 12
347.006	Montgomory T tube silicone - long	Size 14
347.007	Montgomory T tube silicone - Ultra long	Size 4
347.008	Montgomory T tube silicone - Ultra long	Size 6
347.009	Montgomory T tube silicone - Ultra long	Size 8
347.010	Montgomory T tube silicone - Ultra long	Size 10
347.011	Montgomory T tube silicone - Ultra long	Size 12
347.012	Montgomory T tube silicone - Ultra long	Size 14
348.001	Silastic Film for ear surgery	0.2 mm, 0.4 mm, 0.6 mm
349.001	Silicon Gel for ear surgery	
350.001	Silicon Block for Thyroplasty	
351.001	Laryngeal Moulds	
352.001	Teflon Stapes piston	
353.001	Titanium Stapes Piston	
354.001	Teflon TORP	
355.001	Titanium TORP	
356.001	Teflon PORP	
357.001	Titanium PORP	
358.001	Ventilation Tubes (Grommet)	

359.001	Eustechian Tube Dilator	Diameter 4 mm or more on controlled dilatation, with atraumatic tip and pressure control.
360.001	Eustachian Tube Dilatation Balloon Catheter	Diameter 3.28mm on controlled dilatation and shaft WL 236mm, with atraumatic tip and pressure release safety mechanism.
361.001	Eustachian Tube Dilatation Balloon Guide Catheter 45	Guide catheter with a tip angle of 45 degree tip angulation, ergomincally desin handle & grip.
362.001	Eustachian Tube Dilatation Balloon Guide Catheter 60	Guide catheter with a tip angle of 60 degree tip angulation, ergomincally desin handle & grip.
363.001	Eustachian Tube Dilatation Balloon Guide Catheter 70	Guide catheter with a tip angle of 70 degree tip angulation, ergomincally desin handle & grip.
364.001	Eustachian Tube Dilatation Balloon Inflation Device	20ml syringe, with an extension tube of 100cm, pressure range 0 - 30 atm, PSI scale.
365.001	Tracheal Balloon Dilator	
366.001	Balloon Sinuplasty Catheters	For all sinuses
367.001	Laryngeal Keel Silicon	
368.001	Dura Substitute Dual layer Lyophilised Bovine pericardium and bovine split hide based, Absorbable Onlay and Suturable 2.5*2.5cm	
369.001	Dura Substitute Dual layer Lyophilised Bovine pericardium and bovine split hide based, Absorbable Onlay and Suturable 5.0*5.0cm	
370.001	Dura Substitute Dual layer Lyophilised Bovine pericardium and bovine split hide based, Absorbable Onlay and Suturable 7.5*2.5cm	
371.001	Dura Substitute Dual layer Lyophilised Bovine pericardium and bovine split hide based, Absorbable Onlay and Suturable 7.5*7.5cm	
372.001	Dura Substitute Dual layer Lyophilised Bovine pericardium and bovine split hide based, Absorbable Onlay and Suturable 10.0*12.5cm	
373.001	CranioFix 2 titanium clamp 11mm	
374.001	CranioFix 2 titanium clamp 16mm	
375.001	Sterilit-oil Spray	
376.001	Craniofix Absorbable.clamp sterile 11 mm	
377.001	Multifire CLIPS M/L with 12 sterile cartridges of 8 titanium clips,last clip color coded	

378.001	Multifire CLIP s/m with 12 sterile cartridges of 12 titanium clips, last clip color coded	
379.001	Stammberger SinuFoam	
380.001	Rapid Rhino Nasal Pack	
381.001	Titanium Implants for Thyroplasty	
382.001	Covered Tracheal Stents - Silicon and Nitinol	
383.001	Covered Tracheal Stents Y Shaped - Silicon and Nitinol	
384.001	Covered Esophageal Stents - Silicon and Nitinol	
385.001	Medical Grade Steel Microsuction Tips for Ear Surgery	
386.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Sheer Knitted Form, can be sutured; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE. Size 2 in x 14 in (5.1 cm x 35.5 cm)
387.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Sheer Knitted Form, can be sutured; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE. Size 2 in x 3 in (5.1 cm x 7.6 cm)
388.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Sheer Knitted Form, can be sutured; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE. Size 4 in x 8 in (10 cm x 20 cm)
389.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Fibrous & Layered Form, can be tailored in desired shapes; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE.Size 1 in x 2 in (2.5 cm x 5.1 cm).
390.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Fibrous & Layered Form, can be tailored in desired shapes; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE. Size 2 in x 4 in (5.1 cm x 10 cm).
391.001	Hemostat	Oxidized Regenerated Cellulose based Topical Absorbable Hemostat, Fibrous & Layered Form, can be tailored in desired shapes; with Bactericidal Activity, Efficacy and Safety. Approved from BIS/ISO/CE. Size 4 in x 4 in (10.2 cm x 10.2 cm).

392.001	Hemostat	Absorbable Gelatin Sponge 80 mm x 50mm x 10mm
393.001	Bone wax	Sterile Bone Wax 2.5g
394.001	Electrolarynx for Postlaryngectomy Rehabilitation	
395.001	TEP Prosthesis indwelling low pressure coated for anterograde insertion via stoma	Length 8 mm, 22.5 F
396.001	Insufflation test kit for use before tracheo-esophageal puncure	
397.001	Tracheo-esophageal voice prosthesis Sizer 16F	
398.001	Tracheo-esophageal voice prosthesis Sizer 20F	
399.001	BIPP Solution for Ear Packing	
400.001	LAMINO SPINAL DRAPE	DISPOSABLE LAMINO SPINAL DRAPE MATERIAL: 50 GSM POLYLROLYLENE WATER REPELLANT STERILE: EO ETO EXPOSED SIZE: 150 X 300 CM ADHESIVE: 15 X 35 CM POLY SHEET LINING: 120 X 120 CM
401.001	C-ARM COVER (in TWO PARTS, 1 each for source and receiver)	Sterile Packing A)C-ARM COVER WITH TWO PART B)CONTENT: ONE PAIR Clear transparent, plastic polyethylene material.
402.001	C-ARM COVER (in THREE PARTS, 1 each for source, receiver & arm)	Sterile Packing A)C-ARM COVER WITH THREE PART B)CONTENT: ONE PAIR Clear transparent, plastic polyethylene material.
403.001	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 14 G
404.001	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 16 G
405.001	JAMSHIDI NEEDLE (DISPOSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO 18 G
406.001	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 12 G

407.001	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 14 G
408.001	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 16 G
409.001	JAMSHIDI NEEDLE (REUSABLE)	FOR BONE MARROW BIOPSY, TRANSPEDICULAR VERTEBRAL BODY BIOPSY/INTERVENTIO, 18 G
410.001		
411.001	DISC PROSTHESIS FOR CERVICAL SPINE- (US-FDA/CE)	Anatomical footprint design for maximum endplate coverage . -Three different heights (5, 6, & 7mm) allowing adjustment to the individual dimensions of the disc, & depth available in 12,14,16 & 18mm -Superior & inferior implant plate made of Titanium alloy ceramic composite in two pieces implant. - Ball & trough based, Plasma- sprayed Titanium coating.
412.001	BMP- GRAFT- (US-FDA)	Single protein- Bone morphogenic protein (rhBMP2) Size available in - X small (1.4cc), Small (2.8cc), Medium (5.6cc), Large (8cc).
413.001	Synthetic Bone Graft-	Synthetic bone Grafton substitute with recordable ceramic granulesGraft Should have hydroxyapatite (HA) 15%Graft available in sterile packagingGraft available in based on volume 5cc, 10cc, & 15cc.
414.001	Bone Cement-(US-FDA)	Synthetic PMMA & hydroxyapatite combine with osteoconductivityShould be 50% hydroxyapatite in the powder componentShould be long working time & low exothermicityShould be use in Kyphoplasty & Vertebroplasty surgeriesShould be in sterile packing.
	Titanium cranial fixation system	should be BIS/ ISO/ CE certified
415.001	CRANIAL FIXATION 1.5MM SELF DRILLING SCREWS L3MM	
415.002	CRANIAL FIXATION 1.5MM SELF DRILLING SCREWS L4MM	

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CRANIAL FIXATION 1.5MM SELF DRILLING SCREWS L5MM	
CRANIAL FIXATION 1.5MM SELF DRILLING SCREWS L6MM	
CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L3MM	
CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L4MM	
CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L5MM	
CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L6MM	
CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L3MM	
CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L4MM	
CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L5MM	
CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L6MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX50MMX50MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX75MMX75MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX100MMX100MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX125MMX125MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX150MMX150MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX180MMX150MM	
TITANIUM MESH PLATE PRE CONTOURED 0.5MMX150MMX200MM	
TITANIUM MESH PLATE FLAT 0.5MMX50MMX50MM	
TITANIUM MESH PLATE FLAT 0.5MMX75MMX75MM	
TITANIUM MESH PLATE FLAT 0.5MMX100MMX100MM	
	DRILLING SCREWS L5MM CRANIAL FIXATION 1.5MM SELF DRILLING SCREWS L6MM CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L3MM CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L4MM CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L5MM CRANIAL FIXATION 1.6MM SELF DRILLING SCREWS L5MM CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L6MM CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L4MM CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L5MM CRANIAL FIXATION 1.7MM SELF DRILLING SCREWS L5MM TITANIUM MESH PLATE PRE CONTOURED 0.5MMX50MMX50MM TITANIUM MESH PLATE PRE CONTOURED 0.5MMX100MMX100MM TITANIUM MESH PLATE PRE CONTOURED 0.5MMX150MMX150MM TITANIUM MESH PLATE FLAT 0.5MMX50MMX50MM TITANIUM MESH PLATE FLAT 0.5MMX50MMX50MM TITANIUM MESH PLATE FLAT 0.5MMX75MMX75MM TITANIUM MESH PLATE FLAT 0.5MMX75MMX75MM TITANIUM MESH PLATE FLAT

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415.023	TITANIUM MESH PLATE FLAT 0.5MMX125MMX125MM	
415.024	TITANIUM MESH PLATE FLAT 0.5MMX150MMX150MM	
415.025	TITANIUM MESH PLATE FLAT 0.5MMX150MMX180MM	
415.026	TITANIUM MESH PLATE FLAT 0.5MMX150MMX200MM	
415.027	CRANIAL FIXATION 2 HOLE PLATE 15MM, 0.5MM	
415.028	CRANIAL FIXATION 2 HOLE PLATE 20MM, 0.5MM	
415.029	CRANIAL FIXATION 2 HOLE PLATE 15MM, 0.3MM	
415.030	CRANIAL FIXATION 2 HOLE PLATE 20MM, 0.3MM	
415.031	CRANIAL FIXATION 4 HOLE PLATE 0.3	
415.032	CRANIAL FIXATION 4 HOLE PLATE 0.5	
415.033	CRANIAL FIXATION 6 HOLE PLATE 0.3	
415.034	CRANIAL FIXATION 6 HOLE PLATE 0.5	
415.035	CRANIAL FIXATION 8 HOLE PLATE 0.3	
415.036	CRANIAL FIXATION 8 HOLE PLATE 0.5	
415.037	CRANIAL FIXATION 10 HOLE PLATE 0.3	
415.038	CRANIAL FIXATION 10 HOLE PLATE 0.5	
415.039	CRANIAL FIXATION 16 HOLE PLATE 0.3	
415.040	CRANIAL FIXATION 16 HOLE PLATE 0.5	
415.041	CRANIAL FIXATION 20 HOLE PLATE 0.3	
415.042	CRANIAL FIXATION 20 HOLE PLATE 0.5	
415.043	CRANIAL FIXATION T PLATE 0.3	
415.044	CRANIAL FIXATION T PLATE 0.5	
415.045	CRANIAL FIXATION X PLATE 0.3	
415.046	CRANIAL FIXATION X PLATE 0.5	
415.047	CRANIAL FIXATION SQUARE PLATE 0.3	

415.048	CRANIAL FIXATION SQUARE PLATE 0.5	
415.049	3D CRANIAL BUR HOLE PLATE 0.3MM , 5 HOLE	
415.050	3D CRANIAL BUR HOLE PLATE 0.5MM , 5 HOLE	
415.051	3D CRANIAL BUR HOLE PLATEO.3MM , FOR SHUNT HOLE	
415.052	3D CRANIAL BUR HOLE PLATE0.5MM , FOR SHUNT HOLE	
415.053	3D CRANIAL BUR HOLE PLATE 0.3MM , 5 HOLE WITH GAP	
415.054	3D CRANIAL BUR HOLE PLATE 0.5MM , 5 HOLE WITH GAP	
416.001	Dissolvable nasal Dressing Foam	CMC based dissolvable dressing to minimize bleeding and edema and to prevent adhesions between the septum and the nasal cavity in a dry form which can be prepared in the form a thick foam (7-10 ml), should come along with a dedicated applicator and syringe, should be FDA approved.
417.001	Dissolvable Nasal Dressing Strips	CMC based dissolvable dressing in form of strips of 6cm each in a sterile packing, should dissolve in 7-14 days, should have no need of external lubrication or applicator, should be FDA approved
418.001	Anterior Inflatable Nasal Balloon CMC Pack	5.5cm Inflatable CMC covered Dressings for Epistaxis and Endoscopic/Nasal Surgeries, should have no need of any external lubrication, with a pressure-cuff to feel pressure inside the tamponade
419.001	Anterior/Posterior Inflatable Nasal Balloon CMC Pack	7.5cm Inflatable CMC covered Dressings for Epistaxis and Endoscopic/Nasal Surgeries, should have no need of any external lubrication, with a pressure-cuff to feel pressure inside the tamponade
420.001	Posterior Inflatable Nasal Balloon CMC Pack	9.0cm Inflatable CMC covered Dressings for Epistaxis and Endoscopic/Nasal Surgeries, should have no need of any external lubrication, with a pressure-cuff to feel pressure inside the tamponade

	Nanal Chart	
421.001	Nasal Stent	Made from plant based extract (Carboxy-Methyl Cellulose), naturally drain out from nasal cavity without essential requirement of removal, capable of staying in nasal cavity for 1-4 weeks. It should minimize bleeding and conform to the patient anatomy with no special storage conditions for the nasal stents in a sterile pack. The stent should be trimmable with size not less than 5cm long. It should be USFDA/CE approved
	Consumables for Mandibular Implants	
422.001	FRACT.PL.4HOLE STRAIGHT SHORT T=1.5MM RB	
422.002	FRACT.PL.4HOLES STRAIGHT LONG T=1.5MM RB	
422.003	FRACT.PL.6H.STRAI.W.INT.SPACE T=1.5MM RB	
422.004	Fracture Plate 4-holes str. short 2.0mm	
422.005	Fracture Plate 4-holes str. long 2.0mm	
422.006	FRACT.PL.6H.STRAI.W.INT.SPACE T=2.0MM RB	
422.007	FRACTURE PLATE 6-HOLES ANGLED T=1.5MM RB	
422.008	FRACTURE PLATE 8-HOLES ANGLED T=1.5MM RB	
422.009	MINI PL.4HOLE STRAIG.W.INT.SPACE T=1.0MM	
422.010	MINI PL.6HOLE STRAIG.W.INT.SPACE T=1.0MM	
422.011	MINI PLATE 14-HOLES STRAIGHT T=1.0 MM	
422.012	Mini plate 16-holes straight T=1.0 mm	
422.013	TWIST DRILL 1.5 X 50 X 9MM, J-NOTCH	
422.014	TWIST DRILL 1.5 X 50 X 11MM, J-NOTCH	
422.015	TWIST DRILL 1.5 X 50 X 21MM, J-NOTCH	
422.016	TWIST DRILL 1.9 X 70 MM, J-NOTCH	
422.017	TWIST DRILL 1.9 X 105 MM, J-NOTCH	
422.018	MAXDRIVE SCREWS 2.0X7MM	
422.019	MAXDRIVE SCREWS 2.0X9MM	

422.020	MAXDRIVE SCREWS 2.0X11MM	
422.021	MAXDRIVE SCREWS 2.0X13MM	
422.022	MAXDRIVE SCREWS 2.0X15MM	
422.023	MAXDRIVE EMERGENCY SCREWS 2.3X7MM	
422.024	MAXDRIVE EMERGENCY SCREWS 2.3X9MM	
422.025	MAXDRIVE SCREWS 1.5X4MM	
422.026	MAXDRIVE SCREWS 1.5X5MM	
422.027	MAXDRIVE SCREWS 1.5X6MM	
422.028	MAXDRIVE SCREWS 1.5X7MM	
422.029	ORBITAL MESH BOWLES, 0.3MM, LARGE	
422.030	ORBITA MESH 1.5, 0.3MM	
422.031	ORBITA MESH 1.5, 0.5MM	
422.032	L1 Mini pl. 2.0 f. guide,5-H,symph,blue	
422.033	L1 Mini pl. 2.0 f. guide,5-H,symph,green	
422.034	L1 Mini pl. 2.0 f. guide, 5-H, symphysis	
422.035	L1 Mini pl. 2.0 f. guide, 6-H, symphysis	
722.033		
722.033	CO2 Laser Compatible Endotracheal	
722.033	Tubes	
423.001	the contract of the contract o	
	Tubes Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15	Inner diameter 3.0 mm
	Tubes Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15	Inner diameter 3.0 mm
423.001	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector. Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15	
423.001	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector. Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15	Inner diameter 3.0 mm Inner diameter 3.5 mm

423.004	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 4.5 mm
423.005	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	
423.006	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 5.0 mm
423.007	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 5.5 mm
423.008	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 6.0 mm Inner diameter 6.5 mm
423.009	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 7.0 mm

423.010	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery having dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye and 15 mm standard connector.	Inner diameter 7.5 mm
423.011	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 3.0 mm
423.012	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 3.5 mm
423.013	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	
423.014	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 4.0 mm Inner diameter 4.5 mm
423.015	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 5.0 mm
423.016	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 5.5 mm
423.017	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 6.0 mm
423.018	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 6.5 mm
423.019	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 7.0 mm
423.020	Airtight, laser-resistant, nonflammable flexible stainless steel tube for CO2 and KTP laser surgery. Cuffless	Inner diameter 7.5 mm
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	NEUROSURGERY SPINAL IMPLANTATION ITEMS	
424.001	TLIF Cage (Carbon/PEEK/Titanium) MIS /OPEN	Should be made from medical grade Radiolucent polymer (Peek/Titanium/Carbon) to enable optimalo visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implantShould have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomyShould have teeth on superior and inferior surfaces to resist migration. Should have large axial canal that permits packing of graft material. Should provide compatible disc removal instruments during the surgeryThe cage must have markers to indicate the cage position on XRay. The cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability. The available implant heights must be 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 15mm & 17mmShould have space for filling bone graft or its substituteShould also be utilisable in MIS surgery

	TLIF expandable cage	Should be made from medical grade Radioluent
	(Carbon/PEEK/Titanium)	polymer (Peek/Titanium/Carbon) to enable optimalo
		visualization of fusion
		Should have Radiopaque Markers which aid in proper
		positioning of implant
		Should have range of heights from minimum 7 to
		Should have range of heights from minimum 7 to
		17mm in 1mm or 2mm increments to accommodate
		patient anatomy
		Should have teeth on superior and inferior surfaces to
		resist migration.
		Should have large axial canal that permits packing of
		graft material.
424.002		Should provide compatible disc removal instruments
		during the surgery
		The cage must have markers to indicate the cage
		position on XRay.
		The cages must have PLIF/TLIF shape providing even
		distribution of compressive forces along the
		endplates thus stability.
		The available implant heights must be 7mm, 8mm,
		9mm, 10mm,11mm, 12mm, 13mm, 15mm & 17mm
		Should have space for filling bone graft or its
		substitute Should also be utilisable in MIS surgery
		Should also be utilisable in MIS surgery

424.0	OLIF CAGE(Carbon/PEEK/Titanium)	Should be made from medical grade Radiolucent polymer (Peek/Titanium/Carbon) to enable optimalo visualization of fusionShould have Radiopaque Markers which aid in proper positioning of implantShould have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomyShould have teeth on superior and inferior surfaces to resist migration. Should have large axial canal that permits packing of graft material. Should provide compatible disc removal instruments during the surgeryThe cage must have markers to indicate the cage position on XRay. The cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability. The available implant heights must be 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 15mm & 17mmShould have space for filling bone graft or its substituteShould also be utilisable in MIS surgery

424.004	PLIF CAGE(Carbon/PEEK/Titanium)	Should be made from medical grade Radiolucent polymer (Peek/Titanium/Carbon) to enable optimalo visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implant Should have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomy Should have teeth on superior and inferior surfaces to resist migration. Should have large axial canal that permits packing of graft material. Should provide compatible disc removal instruments during the surgery The cage must have markers to indicate the cage position on X-Ray The cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability. The available implant heights must be 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 15mm & 17mm Should have space for filling bone graft or its substitute Should also be utilisable in MIS surgery
424.005	ALIF Cage (Carbon/PEEK/Titanium)	
424.006	(ALIF) Specification of Stand alone Integrated plate with Spacer System for Lumber spine:PEEK/Titanium/Carbon	It should be radiolucent PEEK spacer/Titanium/Carbon, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations It should have space for graft filling Must have Anterior Disc Preparation instruments which can be used to expose the disc and remove disc material using long handle rongeurs, Scrapers and other suitable instruments to remove superficial layers of the cartilaginous endplates. It should be USFDA approved.

424.007	XLIF/DLIF Cage (PEEK/Titanium/Carbon)	It should be radiolucent PEEK spacer/Titanium/ Carbon, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulationsIt should have space for graft fillingMust have Anterior Disc Preparation instruments which can be used to expose the disc and remove disc material using long handle rongeurs, Scrapers and other suitable instruments to remove superficial layers of the cartilaginous endplates.It should be USFDA approved.
424.008	XLIF/DLIF expandable Cage (PEEK/Titanium/Carbon)	It should be radiolucent PEEK spacer/Titanium/ Carbon, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations It should have space for graft filling Must have Anterior Disc Preparation instruments which can be used to expose the disc and remove disc material using long handle rongeurs, Scrapers and other suitable instruments to remove superficial layers of the cartilaginous endplates. It should be USFDA approved.
424.009	Intra-LIF Expandable Metal on Metal Lumber fusion device	It should be radiolucent PEEK spacer, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations It should have space for graft filling Must have Anterior Disc Preparation instruments which can be used to expose the disc and remove disc material using long handle rongeurs, Scrapers and other suitable instruments to remove superficial layers of the cartilaginous endplates. Must have Anterior Disc Preparation instruments which can be used to expose the disc and remove disc material using long handle rongeurs, Scrapers and other suitable instruments to remove superficial layers of the cartilaginous endplates. It should be USFDA approved.

424.010	CERVICAL CAGE (CARBON FIBER/PEEK/TITANIUM)	Should be made form Radiolucent polymer (Peek/Titanium/Carbon) to enable optimal visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implant Height= 5-14mm, to accommodate patient Anatomy
424.011	Thoracolumbar round /Oval titanium mesh cage	Dia = 12mm to 26mm incremental diameter and Length 10mm to 100mm
424.012	Cervical round/Oval mesh cage	Dia = 10mm to 16mm incremental diameter, Length 10mm to 100mm
424.013	PRE-FILLED CERVICAL CAGE	All possible heights and shapes, Should be filled with Betatricalcium phosphate/or any other similar material
424.014	Anterior Cervical Interbody fusion device with integrated plate/screw mechanism	The Implant should act as stand alone interbody fusion device for cervical spine with the benefits of an interbody spacer and an anterior cervical spine. The Implant must be a combination of PEEK/Titanium/ Carbon must automatically align when inserted The implant must have radio opaque marker for posterior and anterior visualization during imaging and teth on superior and anterior surface for initial stability Spacer component must be made of PEEK/titanium/ Carbon The screw must come with self-taping or self drilling and selfcentering options with titanium alloy material The screw must come in 3.0mm to 4.5mm diameter & must be colour coded by screw lengths varying from 12-20 mm. Screw should be self centering Should have option for 2-4 screws Should have secure loading Self tapping or self Drilling screw option User/Patient friendly shapes and sizes must be available
424.015	USFDA approved artifical cervical disc prosthesis	Modular anatomical design Anatomical footprint design for maximum endplate coverage allow for optimal coverage of the vertebral end plate In all heights for patient use

424.016	Top Loading Preassmbled Polyaxial Pedicle Screw System for Posterior stablization of thoracolumbar spine(Premium)	The system should be Top Loading Preassembled Pedicle Screw System for posterior stablization of the thoracolumbar spine The system should be low profile. The System must have Screw Diameter of 4mm To 8mm, Length from 20mm to 100mm. The System must have option of rod diameter 5mm to 6mm. The system must have polyaxial pedicle scrws with 25 to 50 degree of angulations and also have the option for monoaxial screws. The system must have the option of anterior staples with different sizes. The System Should have instrument for Deformity cases. The system must have up bifid pedicle hook, up and down multiple lamina hook, up and down tallbody lamina hook, up downn- angled lamina hook and up down transverse process hook The system must have the option of transverse connectors and transverse bars with Various lengths.
424.017	Cervical Locking Plate	It should be made up of MRI compatiable medical grade titanium alloy. Width and thickness should be user/patient friendly. Should be available in 1, 2, 3 & 4 level. Should have blocking mechanism to prevent pull out. Should have premachined lordotic curve. Screw should be made available in 4, 4.5mm dia with length from 10mm to 20mm increment Screw should be self-drilling, selftapping, fixed angled and variable angled.
424.018	Flexible Rod	Flexible Rod which allows motionSystem should allow for placement of helical/flexible rod at 1 level & solid rod at the adjacent level Solid portion of the rod should be available in both straight & curved versionSolid portion of the rod should be available in both straight & curved versionPre cut rod should be available in different lengths.Rod should be compatble with cannulated screw system
424.019	USFDA approved Growth Rod System	All shapes and sizes for patient use

424.020	Magnetic Growth Rod system	For use in children for deformity correction
424.021	Expandable Corpectomy Cage for Cervical, Thoracolumbar (Peek/Titanium)	The implant should be made of Titanium/ PEEK, it should provide ratcheting/non-ratcheting expansion with finite height variability The system should have inbuild/endplate for lordotic and Kyphotic with different degree of angulations. Multiple insertion angle i.e. anterior, lateral, anterolateral. Large variability of implant with different sizes and angles
424.022	Percutaneous Pedicle Screw Fixation and Instrumentation System for Single/Multiulevel	The System Should have Single and Multiple level capability. The system should have Monoaxial/Polyaxial/ Reduction screw with top laoding locking Mechanism. The system should have 5mm to 6mm Diameter rod Curved/Straight with variable length .The system should have cannulated screw 4mm to 8mm diameter with variable length.
424.023	C1/C2 TRANSARTICULAR SYSTEM	The system should offer Minimal invasive technique with specific instruments. The System must have 3.5 to 4.5 mm self-tapping cortex screws for easy insertion. The screws should be made up of Titanium Alloy and should be available in a size of 30-60mm at an increment of 2 mm. Cortex Screw 3.5 mm to 4.5, which can be used only in conjunction with the self-holding Screwdriver that comes with a set. The system should come with guide sleeve and protection sleeve for secure guidance of screw. The drill bit in the system should have scale to determine the height of screw before insertion
424.024	SPINE CABLE	The cable must be fabricated with a sturdy weave design for flexibility and control. Crimp should be the integral part of the cable. Cable assemblies must be available in MRI compatiable medical grade Titanium alloy (TAN). The cable must have a retrieval loop at the end of the cable facilitates passing the cable sublaminarly. The spine cable must be available in single- and double-lead configurations

424.025	USFDA approved Vertebroplasty cement VERTEBROPLASTY CEMENT WITH KIT	· USFDA approved High Viscosity Vertebroplasty PMMA cement with CE Mark, registered with DGHS, India.· The vertebroplasty cement must be a high viscosity, radio opaque PMMA cement .· The cement must maintain the viscosity between 1000 –1500 PaS for minimum 8 to 20 minutes· The cement should not have any waiting period post mixing.· The Cement should have lower exothermic reaction· The cement should be easily visualized in fluroscopy.· The cement should not destroy the remaining trabecular structures and allow for inter-digitation.· The Cement kit should be a standalone disposable kit with Powder, monomer, mixing device, transfer device, Cement reservoir, Hydraulic delivery system, delivery canula, Biopsy needle, radiolucent included in the kit.· The delivery system should be a hand operated/ Automatic controlled hydraulic system.· The delivery system should have long flexible tubes to reduce surgeon exposure to radiation.
424.026	Hydroxy-Apetite Coated Screw System-For osteoporotic spine	Pedicular Screws for fixation in compromised bone quality to treat trauma, tumor and degenerative pathologies. System should have multi axial screws with coating of Hydroxyapetite which should come in sterile packaging. System should be compatible to be used along with non-HA coated screws and fenestrated screws of similar design. System should have ergonomically designed instruments. System should be registered with Drug Controller General of India & USFDA System should have also Cement augmentation Fenestrated special pedicle screws for poor bone quality - screws (dia 4mm to7.5mm and variable length 30 to 55 mm)
424.027	Odontoid lag screw size-	With appropriate system for screw insertion. Variable lengths and diameter.

Osteoporotic Thoraco-lumbar Spine Compression Fracture ManagementKit(Kyphoplasty kit)

Balloon placement and cement delivery system with two inflatable balloons for treatment of vertebral compression fractures. System should consist of a Balloon placement system, a cement delivery system, 2 inflatable latex balloons and 2 pressure gaugesyringes. The inflatable balloons should be available in 3 sizes – 10mm, 15mm and 20mm – and should be able to bear a pressure of 300psi to 800 psi. The pressure gauge syringes should be digital, have option for switching on/off and show pressure in psi & atm. They should have the facility to choose either 400 psi or 700 psi as the maximum pressure limit. They should have quantity markings on them in order to measure the exact amount of cement requiredThe kit should also contain a V-shaped clip into which both pressure gauge syringes should be lockable thereby enabling single-person operation of both syringes. The balloon placement system should consist of two or more bone access needles, two blunt and two sharp guide wires, a drill for precise placement as well as two metallic cannulas which would act as simultaneous working channels for a bilateral procedure. There should be six or more cement delivery devices in the kit. Each device should hold 1.5cc cement and have markings at 0.5cc intervals. The inflatable balloons and the cement delivery devices should have luer locks at their ends to ensure snug fitting with the pressure gauge syringes as well as the locking syringes.

424.028

	Lateral Mass & Occipitocervical Module	"Three-in-One" set of options that provide
		adjustability, flexibility, and adaptability to
		accommodate for anatomical challenges within the
		occipitocervical spine.
		System implants should give surgeons choice of
		adjustable OC plate, midline plates, Clamps, plate/
		rods, and screw connectors.
		System should have versatile occipitocervical
		connection options with adjustable and precurved
		rods.
		System should have flexible shaft and alternate angle
		instruments to address anatomical challenges in the
		occipitocervical spine
		System should have an adjustable occipital plate with
		rotating and translating saddles for flexibility in rod
		placement
		System should have low-profile occipitocervical
		fixation optionsSystem should have adjustable OC
		plate with multiple screw holes for flexible screw
		placement
		System should have adjustable OC plate with lateral
424.029		screw placement for torsional stability
724.023		System should have 3.5 mm to 5.0 mm diameter
		occipitocervical bone screws with 6mm to 18mm
		length
		System should have occipitocervical adjustable rods
		with 360 degree flexibility with superior segment of
		3.5 mm diameter and inferior segment of 3.2
		mm/3.5/3.7mm diameter
		System should have occipitocervical adjustable rods
		compatible with occipital midline plates and occipital
		screw connectors
		System should have flexibility in placement on the
		occiput in the cephalad/ caudal directions
		System should have longer offset connectors for flexibility in the medial/lateral plane
		System should have taperd/threaded rod for dorsal
		and cervical fixation
		System should have screw diameter of 3.5mm to
		4.5mm with Different length from 8 mm to 50mm.
		System should have shaft screw/partial threaded .
		System should have dominos connectors for various
		diameter.
		System should have Lamina and sublaminar hooks.
		375tem should have talling and subjulling hooks.

424.030	Top Loading Preassmbled Polyaxial Pedicle Screw System for Posterior stablization of thoracolumbar spine(Basic)	The system should be Top Loading Preassembled Pedicle Screw System for posterior stablization of the thoracolumbar spine The System must have Screw Diameter of 5mm To 7mm, Length from 30mm to 60mm. The System must have option of rod diameter 5mm to 6mm. The system must have polyaxial pedicle scrws with 20 to 30 degree of angulations and also have the option for monoaxial screws. The system must have the option of transverse connectors and transverse bars with Various lengths.
424.031	Laminoplasty Spacer for open door Technique	Cage/ Staples (PEEK/ Titanium/carbon) All Sizes
424.032	Cervical PEEK /Carbon/Titanium Corpectomy Spacer Non Expanding	Available in different Diameters and Different Heights with user friendly instrumentation set
424.033	Sturdy Miniplates and screws for spinal use (specially for laminoplasty)	The titanium miniplates should be of various configurations e.g. two hole plates, four hole plates, 16 hole plates, square, T configuration etc. All miniplates should be made of various lengths and profiles. Both standard and low profile miniplates should be quoted. The miniplates and screws should be able to fix Craniotomes flaps, Cranioplasty flaps, skull base and facial skeletal Fractures Each component should be carefully engineered for flawless performance & efficient use in the OR. All implants should be made of TITANIUM The autoclave tray should contain everything needed for all neurosurgical rigid fixation procedures The tray should be consist of a complete selection of titanium plates, panels & screws is carefully organized & leveled for maximum efficiency & easy of use in the OR All necessary drill bits & instruments should be organized in the tray The burr hole cover design should allow flexibility to cover various burr hole defects The burr hole cover should be of design that has a central port, to provide passage of ICP monitors or other catheter The port edge of burr hole cover should be rounded to reduce the potential for damage to the catheter The gap panel (Mesh) should be used to cover gaps that arise along a repositioned or widened bone flap there by protecting underlying structures & preventing cosmetic deformity

		The screw should be in both quick self, tap self-drilling & standard screws, made from high strength titanium alloy, uniquely engineered to minimize insertion force The taper Screwdriver should be easy to pick up screws & reliably drive them The rotary screw organizer should lid opens to the specific screws size required and prevents screw spillage A complete selection of drill bits required to fix the implants should be available. The panel implant should be unique angled connecting bar geometry that allows for 3-d contouring to match the spherical radil on the cranium in cranioplasty reconstruction Special instruments should be in the tray to make the proper shape of panel implant 16 Hole profile 1.0 mm to 1.2 mm. Screw length should be variable from 4 mm to 8 mm.
424.034	Cobalt chromium pedicle screw and rod system	Pedicle screw and rod system for thoracolumbar use with variable lengths and diameter screws. Sophistacted instrumentation set
424.035	Aritifical lumbar disc prosthesis USFDA approved	
424.036	Synthetic bone substitute containing Beta tricalcium phosphate in different forms and sizes (USFDA approved)	
424.037	Percutaneous Discetomy Probe with Motor	For MIS dissectomy
424.038	PEDICLE SCREW SYSTEM with SIDE LOADING DUAL OPENINF FOR THORACOLUMAR REGION	
424.039	C1-C2 Cage (PEEK/Carbon/Titanium)	

424.040	Bone Grafting Substitute Specification Demineralized Bone Matrix (DBM)	Should be having the capability for both osteoconduction and osteoinduction Should be available in putty form Should be available in different sizes based on volume of graft It should be in sterile packing Should be registered with Drug Controller General of India.
424.041	Recombinant human bone morphogenic protein	Should be available in different sizes based on volume of graft System should be registered with Drug Controller General of India (DCGI) System should be USFDA approved
424.042	Fenestrated pedicle screws for cement augumentation for osteoporotic spine	Screws should allow usage in open as well as MIS surgery Fenestrated Top Loading Screws for fixation inpoor/compromised bone quality to treat trauma, tumor and degenerative pathologies. System should have cannulated titanium Multiaxial screws with the addition of Six fenestrations near the tip for injecting cement. Should be compatible with existing MIS systems of the company. Cannulated pedicle screw system that allows for controlled cement delivery into the vertebral body. System should have been designed to allow screw insertion through either open or minimally invasive approach. Should be available in variable sizes and diameters Should have bone filler device or adapter. System should have ergonomically designed instruments. All implants should be registered with Drug Controller General of India (DGCI) System should be USFDA approved
424.043	Bone Harvesting guide/Tool	 The system should be completely reusable The system should be CE, USFDA & DCGI approved.
424.044	Deformity correction pedicle Screw fixation system	The system should have single and multi level capability of deformity applications and should adapt to surgeon needs. All polyaxial/monoaxial screws should be available Sophisticated instrumentation set should be available for complex deformity correction.

424.045	DUAL OUTER DIAMETER SCREWS FOR OSTEOPOROTIC FRACTURE FIXATION SET	The poly axial pedicular screw system should be designed exclusively for added fixation / stability in the Sacrum and fixation to Illium. The system should consist of Poly axial screws with a lesser distal diameter and larger proximal diameter with a difference in diameter of 1.5mm The screw should be able to optimize purchase both on the Cortical and the cancellous bone – the nominal diameter at the distal end should allow for deeper insertion into sacrum without perforating the cortical wall. The larger proximal diameter should maintain optimum purchase in the cancellous bone. The core diameter should be constant throughout the screw. The neck size of the screw should be larger than normal poly axial screws giving additional strength. The screws should be colour coded for easier identification. Screws/rods should be available in variable sizes and shapes Screws should be available upto 100mm in length for use in Illium.
424.046	LUMBOSACRAL TRANSPEDICULAR DYNAMIC FLEXIBLE PAIR ROD FIXATION SYSTEM	All components should be MRI compatible System components should be of single technical make to avoid mismatches. Implants should be available in variable length and sizes It should be USFDA & DCGI approved
424.047	PATIENT SPECIFIC 3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS :	
424.048	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR CERVICAL SPINE	
424.049	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR CERVICAL SPINE	
424.050	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR LUMBAR SPINE	
424.051	3D PRINTED SPECIAL POROUS TITANIUM EXPANDABLE IMPLANTS FOR CERVICAL SPINE	

424.052	TOP LOADING PEDICLE SCREWS for LUMBAR ILIO SACRAL fixation	
424.053	TOP LOADING PEDICLE SCREWS WITH BIGGER DIA FOR REVISION SPINE SURGERIES	
424.054	MIS Discectomy and Endplate preparation device	
424.055	MIS Pedicle screw system with for single or multiple levels	System should have user friendly and sophistacted insturmentation set which should allow insertion in as few steps as possible.
424.056	Percutaneous Discectomy Probe	Probe used to remove pressure on spinal cord and nerve roots by removing disc herniation by minimal invasive procedure
	ITEMS FOR NEUROSURGERY SPINAL IMPLANTATION	
425.001	TLIF Cage (Carbon/PEEK/Titanium) MIS/OPEN	Should be made From medical grade Radiolucent polymer (Peek/titanium/ carbon) to enable optimalo visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implant Should have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomy Should have teeth on superior and inferior surfaces to resist migration Should have large axial canal that permits packing of graft material. Should provide compatible disc removal instruments during the surgery The cage must have markers to indicate the cage position on X-Ray The cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability The available implant heights must be 7mm, 8mm, 9mm,10mm, 11mm, 12mm, 13mm, 15mm & 17mm Should have space for filling bone graft or its substitute Should also be utilisable in MIS surgery
425.002	TLIF expandable cage (Carbon/PEEK/Titanium)	Should be made form Radiolucent polymer (Peek) to enable optimalo visualization of fusion
425.003	OLIF CAGE(Carbon/PEEK/Titani um)	Should be made form Radiolucent polymer (Peek) to enable optimalo visualization of fusion

425.004	PLIF CAGE(Carbon/PEEK/Titanium)	Should be made from medical grade Radiolucent polymer (Peek/titanium/ carbon) to enable optimalo visualization of fusionShould have Radiopaque Markers which aid in proper positioning of implantShould have range of heights from minimum 7 to 17mm in 1mm or 2mm increments to accommodate patient anatomyShould have teeth on superior and inferior surfaces to resist migrationShould have large axial canal that permits packing of graft materialShould provide compatible disc removal instruments during the surgeryThe cage must have markers to indicate the cage position on X-RayThe cages must have PLIF/TLIF shape providing even distribution of compressive forces along the endplates thus stability.The available implant heights must be 7mm, 8mm, 9mm,10mm, 11mm, 12mm, 13mm, 15mm & 17mmShould have space for filling bone graft or its substituteShould also be utilisable in MIS surgery
425.005	(ALIF) Specification of Stand alone Integrated plate with Spacer System for Lumber spine: PEEK /Titanium	It should be radiolucent PEEK spacer, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations
425.006	XLIF/DLIF Cage (PEEK/Titanium/Carbon)	It should be radiolucent PEEK spacer, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations
425.007	XLIF/DLIF expandable Cage (PEEK/Titanium/Carbon)	It should be radiolucent PEEK spacer, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations
425.008	Intra-LIF Expandable Metal on Metal Lumber fusion device	It should be radiolucent PEEK spacer, with variable user and patient friendly foot prints and sizes, variable screw lengths and screw angulations
425.009	CERVICAL CAGE (CARBON FIBER/PEEK/TITANIUM)	Should be made from Radiolucent polymer (Peek/titanium/carbon) to enable optimalo visualization of fusion Should have Radiopaque Markers which aid in proper positioning of implantHeight= 5-14mm, to accommodate patient Anatomy

425.010	Thoracolumbar round /Oval titanium mesh cage	Dia = 12mm to 26mm incremental diameter and Length 10mm to 100mm
425.011	Cervical round /Oval mesh cage	Dia = 10mm to 16mm incremental diameter, Length 10mm to 100mm
425.012	PRE-FILLED CERVICAL CAGE	All possible heights and shapes, Should be filled with Betatricalcium phosphate/or any other similar material
425.013	Anterior Cervical Interbody fusion device with integrated plate/screw mechanism	he Implant should act as standalone interbody fusion device for cervicalspine with the benefits of an interbody spacer and an anterior cervicalspine. The Implant must be a combination of PEEK/Titanium/Carbon mustautomatically align when inserted The implant must have radio opaque marker for posterior and anterior visualization during imaging and teeth on superior and anterior surface for initial stability Spacer component must be made of PEEK/titanium/Carbon The screw must come with self-taping or self-drilling and self-centering options with titanium alloy material The screw must come in 3.0mm to 4.5mm diameter & must be color coded by screw lengths varying from 12-20 mm. Screw should be self-centering Should have option for 2-4 screws Should have secure loading Self-tapping or self-Drilling screw option User/Patient friendly shapes and sizes must be available
425.014	Interspinous Spacer- Specifications	The system and implant should allow for the insertion of the device from a unilateral/posterior approach
425.015	DCGI approved artifical cervical disc prosthesis	Modular anatomical design

425.016	Top Loading PreassmbledPolyaxial Pedicle Screw System for Posterior stablization of thoracolumbar spine(Premium)	The system should be Top Loading Preassembled Pedicle Screw System for posterior stabilization of the thoracolumbar spine The system should be low profile The System must have Screw Diameter of 4mm To 8mm,Length from 20mm to 100mm The System must have option of rod diameter 5mm to 6mm The system must have polyaxial pedicle screws with 25 to 50 degree of angulations and also have the option for monoaxial screws. The system must have the option of anterior staples with different sizes The System Should have instrument for Deformity cases The system must have up bifid pedicle hook, up and down multiple lamina hook, up and down tallbody lamina hook, up down- angled lamina hook and up down transverse process hook The system must have the option of transverse connectors and transverse bars with Various lengths
425.017	Cervical Locking Plate	It should be made up of MRI compatible medical grade titanium alloy Width and thickness should be user/patient friendly Should be available in 1, 2, 3 & 4 level Should have blocking mechanism to prevent pull out. Should have premachinedlordotic curve Screw should be made available in 4, 4.5mm dia with length from 10mm to 20mm increment Screw should be selfdrilling, self-tapping, fixed angled and variable angled
425.018	Flexible Rod	Rod with helical which allows motion
425.019	DCGI approved Growth Rod System	All shapes and sizes for patient use
425.020	Magnetic Growth Rod system	For use in children for deformity correction
425.021	Expandable Corpectomy Cage for Cervical, Thoracolumbar (Peek/Titanium)	The implant should be made of Titanium/ PEEK, it should provide ratcheting/non-ratcheting expansion with finite height variability

425.022	Percutaneous Pedicle Screw Fixation and Instrumentation System for Single/Multiulevel	The System Should have Single and Multiple level capability The system should have Monoaxial/Polyaxial/ Reduction screw with top laoding locking Mechanism The system should have 5mm to 6mm Diameter rod Curved/Straight with variable length The system should have cannulated screw 4mm to 8mm diameter with variable length
425.023	C1/C2 TRANSARTICULAR SYSTEM	The system should offer Minimal invasive technique with specific instruments
425.024	SPINE CABLE	The cable must have a diameter of 1 mm with crimp and length of 470 mm
425.025	DCGI approved Vertebroplasty cement	The Cement should have High Viscosity
425.026	VERTEBROPLASTY CEMENT WITH KIT	· DCGI approved High Viscosity Vertebroplasty PMMA cement with CE Mark, registered with DGHS, India.
425.027	Hydroxy-Apetite Coated Screw System- For osteoporotic spine	HA coated Screw Top loading Top Tightening Pedicular Screws for fixation in compromised bone quality to treat trauma, tumour and degenerative pathologies
425.028	Odontoid lag screw size-	With appropriate system for screw insertion. Variable lengths and diameter
425.029	Osteoporotic Thoracolumbar Spine Compression Fracture Management Kit(Kyphoplasty kit)	Balloon placement and cement delivery system with two inflatable balloons for treatment of vertebral compression fractures.

	Leteral Mass	"Three-in-One" set of options that provide
	&Occipitocervical Module	adjustability, flexibility, and adaptability to
		accommodate for anatomical challenges within the
		occipitocervical spine
		System implants should give surgeons choice of
		adjustable OC plate, midlineplates, Clamps, plate/
		rods, and screw connectors
		System should have versatile occipitocervical
		connection options with adjustable and precurved
		rods
		System should have flexible shaft and alternate angle instruments to address anatomical challenges in the
		occipitocervical spine
		System should have an adjustable occipital plate with
		rotating and translating saddles for flexibility in rod
		placement
		System should have low-profile occipitocervical
		fixation options
		System should have adjustable OC plate with multiple
		screw holes for flexible screw placement
		System should have adjustable OC plate with lateral
425.030		screw placement for torsional stability
		System should have 3.5 mm to 5.0 mm diameter occipitocervical bone screws with 6mm to 18mm
		length
		System should have occipitocervical adjustable rods
		with 360 degree flexibility with superior segment of
		3.5 mm diameter and inferior segment of 3.2
		mm/3.5/3.7mm diameter
		System should have occipitocervical adjustable rods
		compatible with occipital midline plates and occipital
		screw connectors
		System should have flexibility in placement on the
		occiput in the cephalad/ caudal directions System should have longer offset connectors for
		flexibility in the medial/lateral plane
		System should have taperd/threaded rod for dorsal
		and cervical fixation
		System should have screw diameter of 3.5mm to
		4.5mm with Different length from 8 mm to 50mm
		System should have shaft screw/partial threaded
		System should have dominos connectors for various
		diameter
		System should have Lamina and sublamina hooks

425.031	Top Loading PreassmbledPolyaxial Pedicle Screw System for Posterior stablization of thoracolumbar spine(Basic)	The system should be Top Loading Preassembled Pedicle Screw System for posterior stabilization of the thoracolumbar spineThe System must have Screw Diameter of 5mm To 7mm, Length from 30mm to 60mmThe System must have option of rod diameter 5mm to 6mmThe system must have polyaxial pedicle screws with 20 to 30 degree of angulations and also have the option for monoaxial screws. The system must have the option of transverse connectors and transverse bars with Various lengths
425.032	Laminoplasty Spacer for open door Technique	Cage/ Staples (PEEK/ Titanium) All Sizes
425.033	Cervical PEEK/Carbon/Titanium Corpectomy Spacer Non Expanding	Available in different Diameters and Different Heights with user friendly instrumentation set
425.034	Sturdy Miniplates and screws for spinal use (specially for laminoplasty)	The titanium miniplates should be of various configurations e.g. two hole plates, four hole plates, 16 hole plates, square, T configuration etc. All miniplates should be made of various lengths and profiles. Both standard and low profile miniplates should be quoted. The miniplates and screws should be able to fix Craniotomes flaps, Cranioplasty flaps, skull base and facial skeletal Fractures
425.035	Cobalt chromium pedicle screw and rod system	Pedicle screw and rod system for thoracolumbar use with variable lengths and diameter screws.
425.036	Aritifical lumbar disc prosthesis USFDA approved	
425.037	Synthetic bone substitute containing Beta tricalcium phosphate in different forms and sizes (USFDA approved)	
425.038	Percutaneous Discetomy Probe with Motor	For MIS dissectomy
425.039	PEDICLE SCREW SYSTEM with SIDE LOADING DUAL OPENINF FOR THORACOLUMAR REGION	
425.040	C1-C2 Cage (PEEK/Carbon/Titanium)	All sizes, along with holding screws if available.
425.041	Bone Grafting Substitute Specification Demineralized Bone Matrix (DBM)	Should be having the capability for both osteoconduction and osteoinduction
425.042	Recombinant human bone morphogenic protein	Should be available in different sizes based on volume of graft

425.043	Fenestrated pedicle screws for cement augumentation for osteoporotic spine	Screws should allow usage in open as well as MIS surgery
425.044	Bone Harvesting guide/Tool	· The system should be completely reusable
425.045	Deformity correction pedicle Screw fixation system	The system should have single and multi level capability of deformity applications and should adapt to surgeon needs. All polyaxial/monoaxial screws should be available Sophisticated instrumentation set should be available for complex deformity correction.
425.046	DUAL OUTER DIAMETER SCREWS FOR OSTEOPOROTIC FRACTURE FIXATION SET	The poly axial pedicular screw system should be designed exclusively for added fixation / stability in the Sacrum and fixation to Illium. The system should consist of Poly axial screws with a lesser distal diameter and larger proximal diameter with a difference in diameter of 1.5mmThe screw should be able to optimize purchase both on the Cortical and the cancellous bone – the nominal diameter at the distal end should allow for deeper insertion into sacrum without perforating the cortical wall. The larger proximal diameter should maintain optimum purchase in the cancellous bone. The core diameter should be constant throughout the screw. The neck size of the screw should be larger than normal poly axial screws giving additional strength. The screws should be colour coded for easier identification. Screws/rods should be available in variable sizes and shapes Screws should be available upto 100mm in length for use in Illium.
425.047	LUMBOSACRAL TRANSPEDICULAR DYNAMIC FLEXIBLE PAIR ROD FIXATION SYSTEM	All components should be MRI compatible
425.048	PATIENT SPECIFIC 3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS :	All components should be MRI compatible
425.049	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR CERVICAL SPINE	All components should be MRI compatible
425.050	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR CERVICAL SPINE	All components should be MRI compatible

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425.051	3D PRINTED SPECIAL POROUS TITANIUM IMPLANTS FOR LUMBAR SPINE	All components should be MRI compatible
425.052	3D PRINTED SPECIAL POROUS TITANIUM EXPANDABLE IMPLANTS FOR CERVICAL SPINE	All components should be MRI compatible
425.053	TOP LOADING PEDICLE SCREWS for LUMBAR ILIO SACRAL fixation	All components should be MRI compatible
425.054	TOP LOADING PEDICLE SCREWS WITH BIGGER DIA FOR REVISION SPINE SURGERIES	All components should be MRI compatible
425.055	MIS Discectomy and Endplate preparation device	
425.056	MIS Pedicle screw system with for single or multiple levels	System should have user friendly and sophistacted insturmentation set which should allow insertion in as few steps as possible.
425.057	Percutaneous Discectomy Probe	Probe used to remove pressure on spinal cord and nerve roots by removing disc herniation by minimal invasive procedure
426.001	raney clips Disposable 1packet 50 clips	
426.002	raney clips resuble 1packet 10 clips	