

# UROLOGICAL INSTRUMENTS

**CATALOGUE** 

SOUTH INDIA SURGICAL CO. LTD.

**SOUTH INDIA SURGICAL CO.LTD.,** popularly called as **SISCO,** is engaged in manufacturing of qualitative Surgical Instruments for last 6 decades. It has acquired a frontline position in Health Care Industry, particularly in Surgical Industry.

**SISCO** is the firm believer of the Principle that "behind every successful surgery an experienced hand along with appropriate tool is pre - requisite and significance of both are inseparable".

Maintaining consistency in the quality is the prima facie for **SISCO.** It also undertakes modification and alteration of the Instruments according to the need of Surgeons. The R & D dept. Always attenuates its facilities for any suggestion / ideas.

SISCO manufactures extensive range of Surgical Instruments from General Surgery, Cardio - Thoracic, Neuro, Urology, Plastic, Obstetrics and Gynaecology, Tungsten Carbide, ENT, Minimal Invasive Instruments. SISCO envisages its market trend under backdrop of Shushruta's Culture.

These Surgical Instruments are formed out of Japanese Steel under the surveillance of qualified technicians. These Surgical Instruments are made of 4 series AISI 410 & AISI 420 steel, which is composite of carbon and chrome, providing more hardness to the Instruments, causing spring action and augmenting the life Instruments.

The strength of **SISCO** also lies in maintaining its quality, setting standards, uniqueness in its products, Centralised Marketing Systems, full fledged marketing Network, wide accessibility through Branches, Resident Representatives and last but not the least with its dealer Network.

For preserving consistency in the quality SISCO has been awarded ISO 9001:2008 ISO 13485:2003 and its products are CE Certified.

12 Year ago **SISCO** started its full - fledged production of Disposables Syringes and Foley Catheter and has proved its significance notably. **SISCO**'s success story is not restricted only to in INDIA but has also proven about its quality worldwide by exporting the catheter to more than 40 countries.



# **Surgical Instruments Advantages**

# Wide Range of Instruments

SISCO Manufactures a wide range of Surgical Instruments to cater to the requirements of various surgeons. All Instruments are designed as per International Standards.

# Wide Range of Catalogues

Cardio Thoracic, Gynaecology, Urology, Neurology, Tungsten Carbide, Plastic, Obstetrics, ENT, Minimal Invasive Instruments.

# Clear markings

All Instruments are laser marked with respective code numbers and Batch Coded for easy and speedy identification.

# Laser Marked

To avoid Duplicate Instruments

# **High Quality Steel**

High Quality Imported steel used in Manufacture of Surgical Instruments for long life and durable inbuilt quality.

# Warranty

2 years Warranty for Every Surgical Instruments.

# Maintenance and care of Instruments

A very large proportion of Surgical Instruments manufactured today are of stainless steel of the appropriate grade. Though it has definite advantages there is a lot of misconceptions and wrong perception about the very word "Stainless Steel". As a user you may have come across problems with your "Stainless Steel" Instruments Viz. CORROSION, PITTING, SPOTTING, STAINING ETC. Our Ready Reckoner in the following page will answer Cause and Solution to most of these problems.

Apart from "Technical" problems there are various other reason due to which the life of a surgical Instrument is substantially reduced. A little more care at the user end would go a long way in ensuring that an instrument remains as good as new even after years of use. Our guidelines on maintenance is simple to follow and easy to implement in your organization.

It is possible that you have a problem that is different from those identified by us being most common. We would only be happy to hear from you and offer our recommendations.



# UROLOGICAL INSTRUMENTS



# BOOKWALTER RETRACTOR

Oval ring

**Small** - 203mm x 311mm

BRT 950

**Medium -** 267mm x 368mm

**BRT 951** 

**Large** - 300mm x 470mm

**BRT 952** 

# BOOKWALTER RETRACTOR

Universal Machanisms Set of 4

**BRT 964** 

# BOOKWALTER RETRACTOR

BRT 966-Horizontal flex bar

BRT 967-Table post

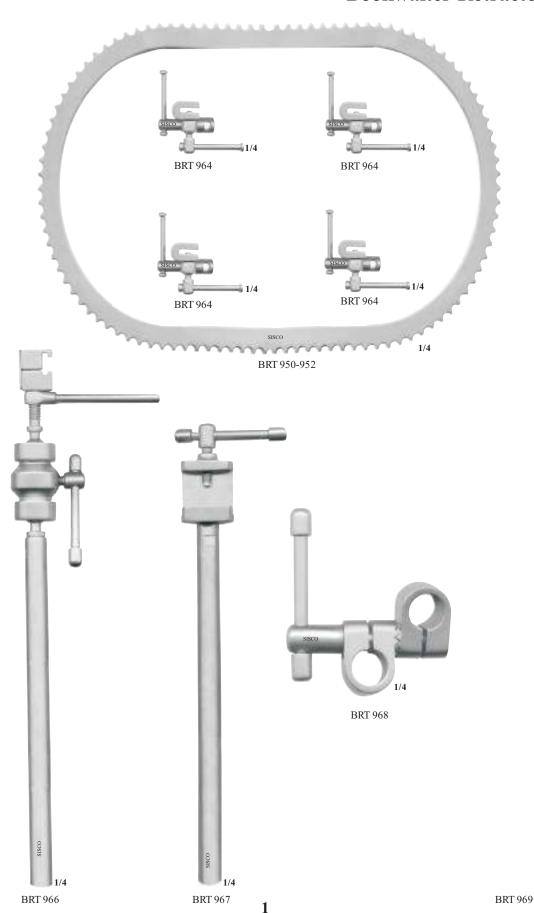
**BRT 968-**Post Coupling

# **BOOKWALTER**

Gelpi Retractor 200mm

**BRT 969** 

# **Bookwalter Retractor**



# SISCO

#### **BOOKWALTER**

Malleable Retractor Blade Width - 38mm Blade Height - 150mm Total Length - 310mm

# **BRT 955**

# Malleable Retractor

Blade Width - 50mm Blade Height - 150mm Total Length - 310mm Set of 2

#### **BRT 956**

### Malleable Retractor

Blade Width - 75mm Blade Height - 150mm Total Length - 310mm

#### **BRT 957**

#### **Balfour Retractor**

Blade Width - 70mm Blade Depth - 85mm

# **BRT 958**

# **Harrington Retractor**

Blade Width - 68mm Blade Depth - 145mm

#### **BRT 963**

# **Kelly Retractor**

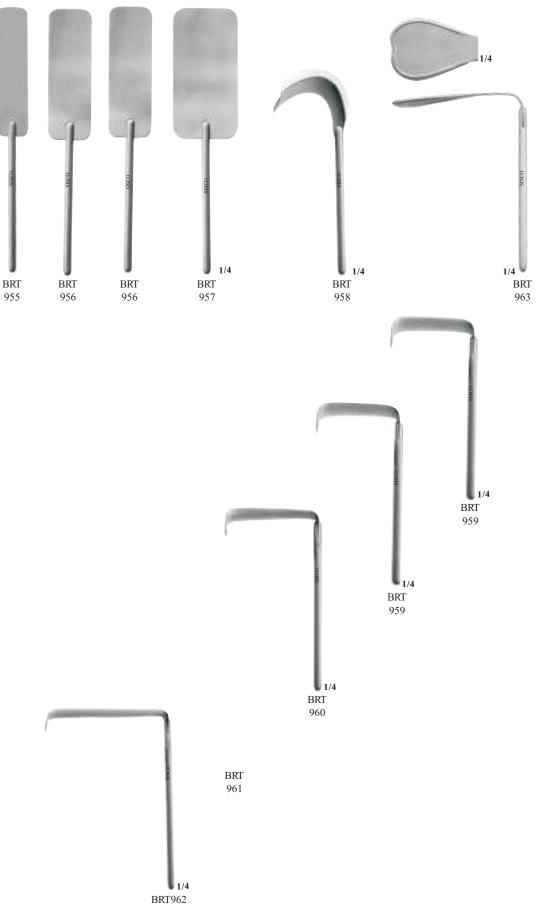
**BRT 959 -** 50mm x 75mm Set of 2

**BRT 960 -** 50mm x 100mm

**BRT 961 -** 50mm x 125mm

**BRT 962 -** 50mm x 150mm

# **Bookwalter Retractor**





# **Bladder Retractors**

MILLIN Bladder Retractor 210mm BSR 660

LEGUEU Bladder Retractor 260mm BGB 928





# TURNER WARWICK

Bladder Retractor Comprising:-Oval Sprocket Frame (180mm x 140mm) with six Blades (Four prongs) BRU 551

BRU 551

# **Bladder Retractors**



# THOMSON WALKER

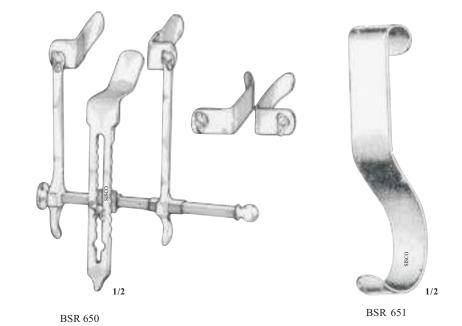
Bladder Retractor With 2 Pairs of Detachable Blades

BSR 650

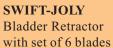
# THOMSON WALKER

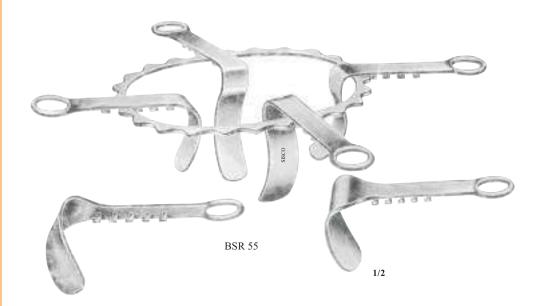
Spatula for lifting anterior wall behind symphysis pubis

**BSR 651** 



BSR 55





# **Micro Suture Forceps**



# **MICRO**

Suture tying forceps 120mm

NDF 280 - Straight NDF 281 - Angled

# **MICRO**

Suture tying forceps 150mm

NDF 284 - Straight NDF 285 - Angled

# **MICRO**

Suture tying forceps 180mm

NDF 286 - Straight NDF 287 - Angled

#### **YASAGRIL**

Micro forceps 180mm

NMF 835 - 0.6mm NMF 836 - 0.9mm NMF 837 - 1 x 2teech

#### **YASAGRIL**

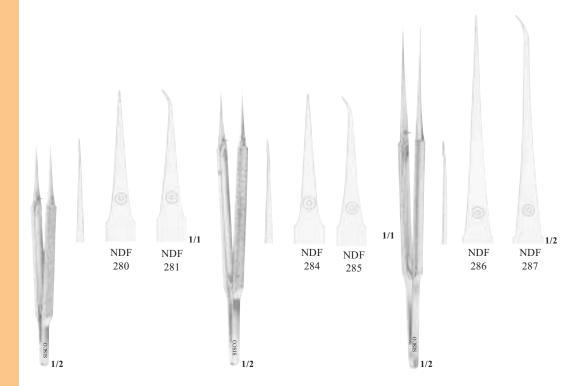
Micro forceps 200mm

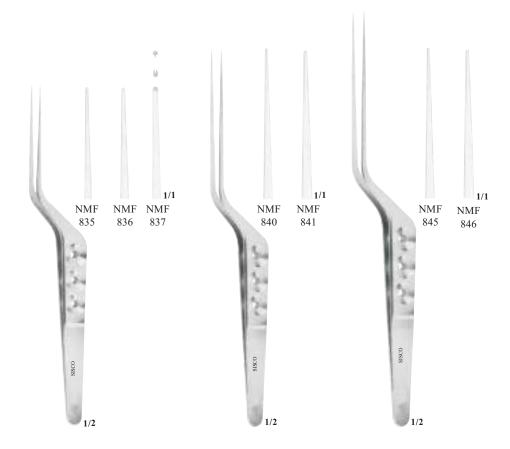
NMF 840 - 0.6mm NMF 841 - 0.9mm

# **YASAGRIL**

Micro forceps 220mm

NMF 845 - 0.6mm NMF 846 - 0.9mm







#### **ADLERKREUTZ**

Dissecting Forceps 200mm

**BDF 230** 

#### **RUSSIAN**

Dissecting Forceps

BDF 253 -160mm BDF 267 -200mm

# **MAYO**

Dissecting Forceps 230mm

**BDF 269** 

# MITCHELL RETROPUBIC

Dissecting Forceps 200mm

**BDF 298** 

### **SEMKEN**

Dissecting Forceps 125mm

**BDF 294** 

# Mc INDOE

Dissecting Forceps 150mm

**BDF 245** 

### **BONNEY**

Dissecting Forceps 175mm

**BDF 247** 

# **CHARNLEY**

Dissecting Forceps 180mm

**BDF 705** 

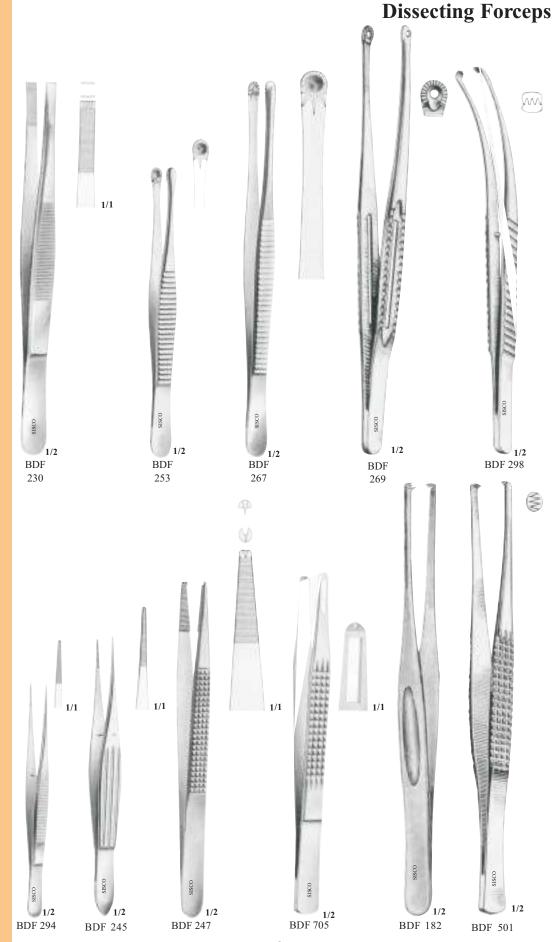
### **MILLINS**

Dissecting Forceps 3 x 4 Teeth 230mm

**BDF 182** 

# **PYRAH**

Dissecting Forceps 3 x 4 Teeth 230mm BDF 501



# **Gall Duct Scissors**



IRIS Scissors 115mm

BSC 338 - straight

BSC 338C - curved

ASH
Gall Blader Scissors
Sharp x Sharp
For Opening the Gall Blader
225mm

**BSC 642** 

DEBAKEY Gallen Duct Scissors 220mm

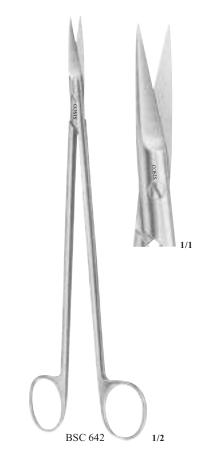
**BSC 245** 

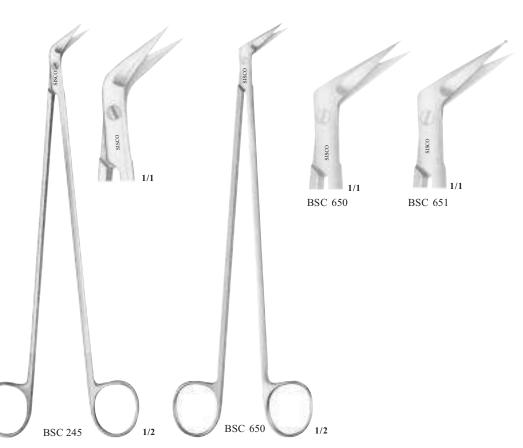
POTTS-DE MARTEL Gallen Duct Scissors 60 deg. 220mm

**BSC 650** 

POTTS-MILLS
Gallen Duct Scissors With
One Blade Ball End
60 deg.
220mm
BSC 651







# **Vessel Scissors**



# **DIETHRITH**

Vessel Scissors

180mm

CSC 25 - 25 Deg.

CSC 26 - 45 Deg.

CSC 27 - 60 Deg.

CSC 28 - 90 Deg.

CSC 29 - 120 Deg.

# POTTS-SMITH

Vessel Scissors 55 Deg.Angled on flat 180mm

**BSC 351** 

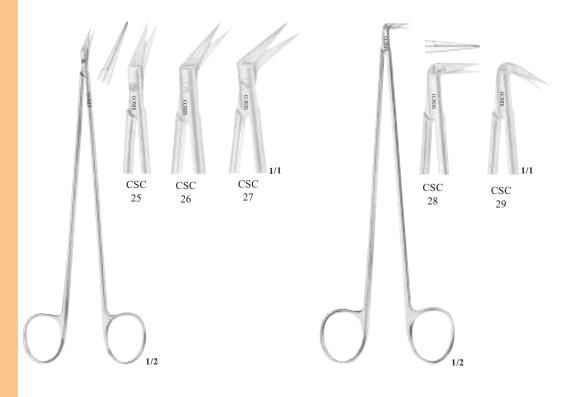
# **POTTS- DE MARTEL** Vessel Scissors

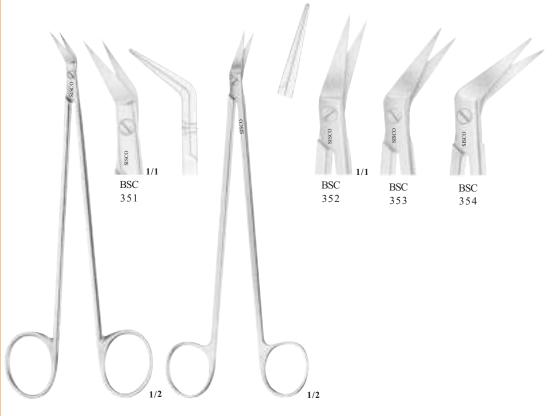
Vessel Scissors 185mm

BSC 352 - 30Deg.

BSC 353 - 45Deg.

BSC 354 - 60Deg.







# **VANNAS**

Micro Scissors, 160mm

NMS 18 - Straight

NMS 19 - Curved

#### **YASARGIL**

Micro Scissors Straight,185mm

**NMS 22** 

#### **JACOBSON**

Micro Scissors Curved,185mm

**NMS 23** 

#### **POTTS-YASARGIL**

Micro Scissors Angled to side,185mm

**NMS 24** 

#### **MICRO**

Scissors,145mm

NMS 100 - Straight

NMS 101 - Curved

NMS 103 - Curved

Dissecting Scissors Blunt edge

# **YASARGIL**

Micro Scissors

Bayonet shaped,165mm

NMS 30 - Straight

NMS 31 - Curved

# **YASARGIL**

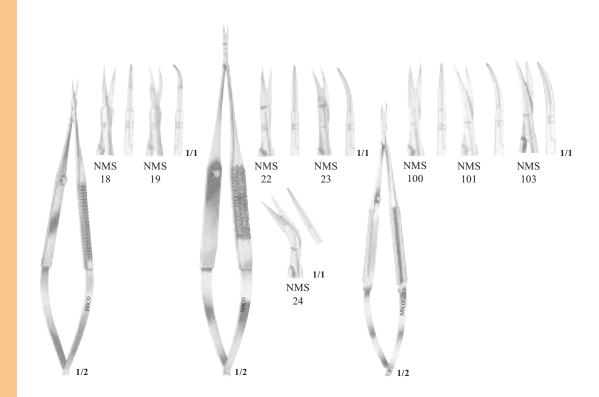
Micro Scissors Bayonet shaped,200mm

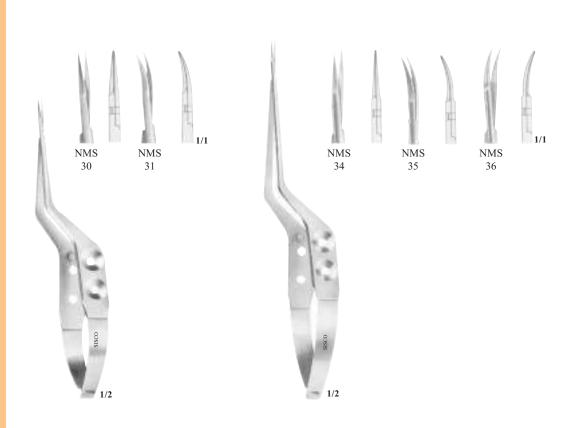
NMS 34 - Straight

NMS 35 - Up

NMS 36 - Down

# **Micro Scissors**





# SISCO

# **BABY METZENBAUM**

Dissecting Scissors 130mm

BSC 348 - Straight BSC 348C - Curved

### **METZENBAUM**

Dissecting Scissors Straight

BSC 340 - 145mm

BSC 341 - 180mm

BSC 342 - 200mm

#### Curved

BSC 340C - 145mm

BSC 341C - 180mm

BSC 342C - 200mm

# **METZENBAUM**

Dissecting Scissors Straight

BSC 343 - 230mm

BSC 344 - 260mm

BSC 345 - 280mm

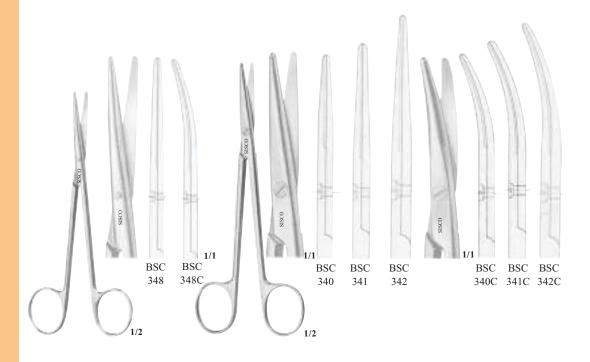
# Curved

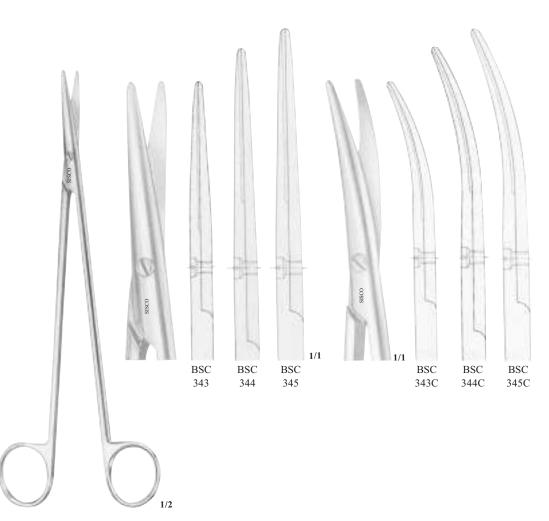
BSC 343C - 230mm

BSC 344C - 260mm

BSC 345C - 280mm

# **Dissecting Scissors**





# **Dissecting Scissors**



**MAYOS** 

DIssecting Scissors

Straight

BSC 330 - 135mm

BSC 331 - 160mm

BSC 332 - 185mm

Curved

BSC 330C - 135mm

BSC 331C - 160mm

BSC 332C - 185mm

MAYOS

DIssecting Scissors **Straight** 

Strutght

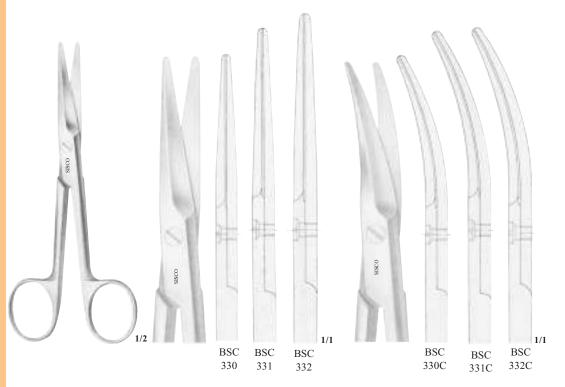
BSC 333 - 205mm

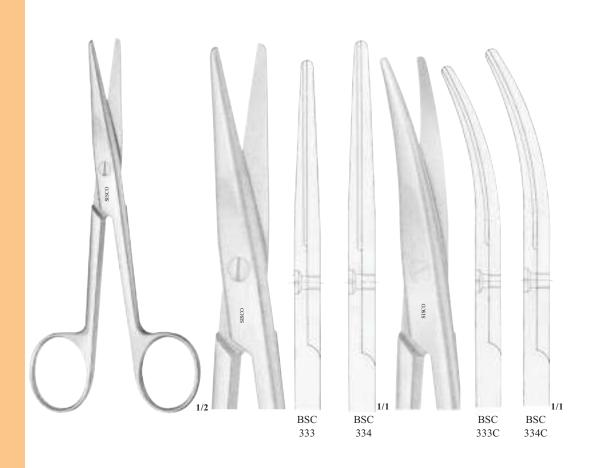
BSC 334 - 230mm

Curved

BSC 333C - 205mm

BSC 334C - 230mm







# DEVINE

Urological Scissors Curved Chisel Ended Blades 180mm

**BSC 206** 

# **PYRAH MAYO**

Urological Scissors Angled On Flat 200mm

**BSC 207** 

# **PYRAH MAYO**

Urological Scissors Angled On Flat Light Weight 200mm

**BSC 208** 

# THOMSON WALKER

Bladder Scissors Curved 200mm

**BSC 209** 

# **MAYO - HARRINGTON**

Dissecting Scissors 230mm

BSC 560 - Straight BSC 560C - Curved



# SISCO

# LEXER

Dissecting Scissors 165mm

BSC 590 -Straight BSC 591 -Curved

# THOREK Vessel Scissors

180mm

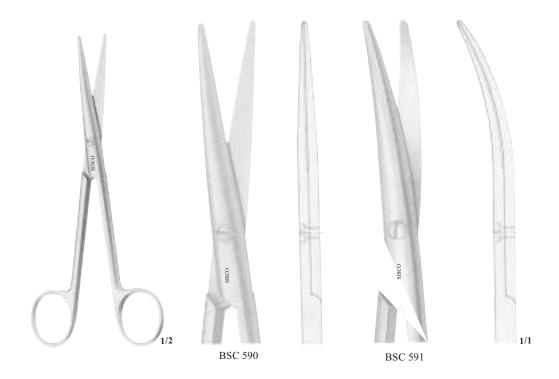
**CSC 40** 

# SATINSKY Vessel Scissors

245mm

**CSC 41** 

# **Urological Scissors**





# Micro Needle Holders



# **BARRAQUER**

Micro Needle Holders Without Catch 120mm

NMH 230 - Straight NMH 231 - Curved

# **BARRAQUER**

Micro Needle Holders With Catch 120mm

NMH 232 - Straight NMH 233 - Curved

# **CASTROVIEJO**

Micro Needle Holders With Catch 145mm

NMH 563 - Straight NMH 564 - Curved

# **CASTROVIEJO**

Micro Needle Holders Without Catch 185mm

NMH 80 - Straight NMH 81 - Curved

#### REILL

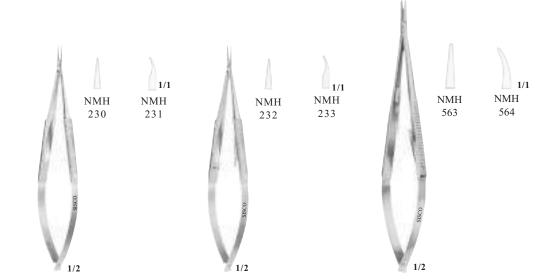
Micro Needle Holders Without Catch 185mm

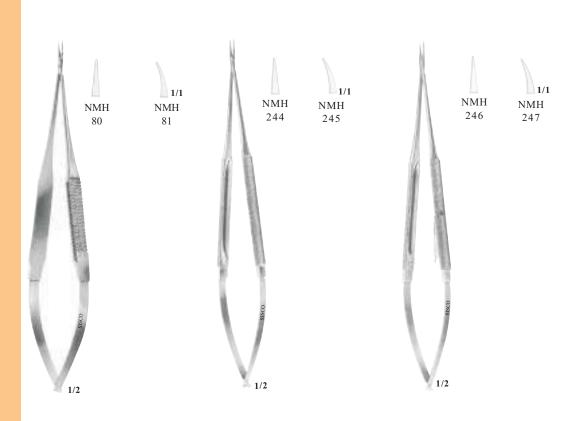
NMH 244 - Straight NMH 245 - Curved

#### REILL

Micro Needle Holders With Catch 185mm

NMH 246 - Straight NMH 247 - Curved





# **Needle Holders**



# **CONVERSE**

Needle Holders 125mm

**BNH 430** 

# WEBSTER

Needle Holders Smooth Jaws 125mm

**BNH 014** 

#### HALSEY

Needle Holders 130mm

BNH 012P - Smooth Jaws BNH 012 - Serreted Jaws

# **LAWRENCE**

Needle Holders 150mm

**BNH 454** 

# MAYO HEGAR

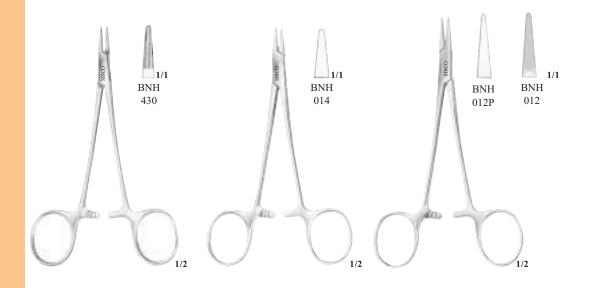
Needle Holders

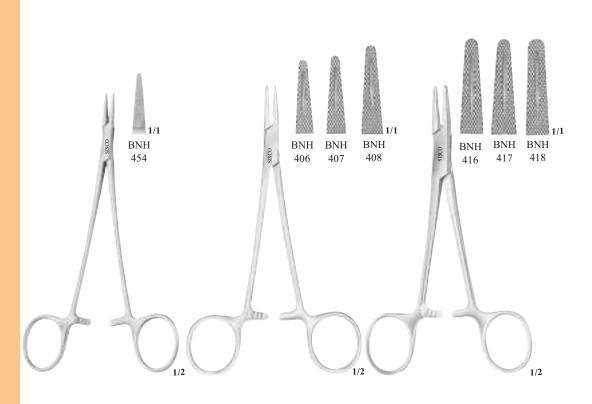
BNH 406 - 150mm BNH 407 - 175mm BNH 408 - 200mm

# **MAYO HEGAR**

Needle Holders Heavy

BNH 416 - 150mm BNH 417 - 175mm BNH 418 - 200mm





# SISCO

# CRILE-WOOD

Needle Holders 150mm

BNH 422

# **KILNER**

Needle Holders 150mm

**BNH 442** 

# **BOZEMANN**

Needle Holders Bayonet shape 200mm

**BNH 448** 

# DE BAKEY

Needle Holders

BNH 457 - 180mm BNH 458 - 200mm

BNH 459 - 230mm

# HEANEY

Needle Holders 200mm

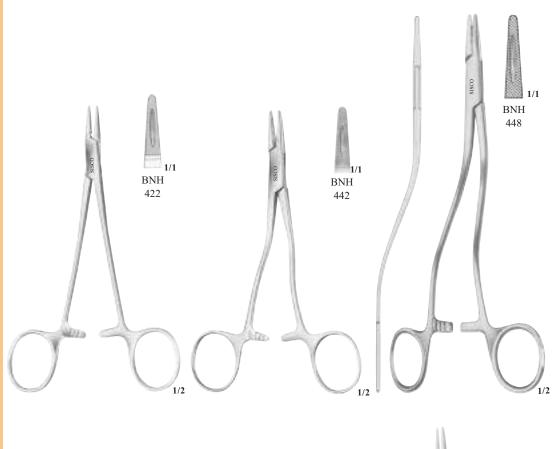
**BNH 259** 

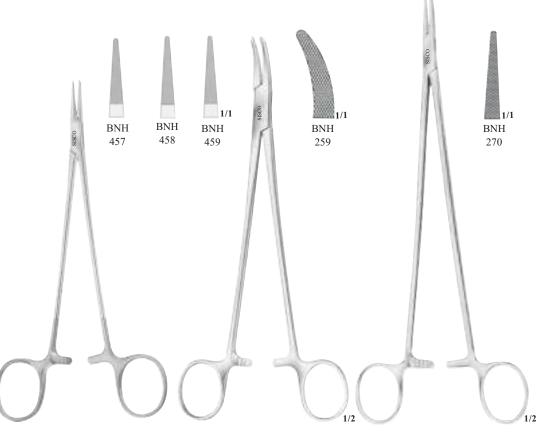
# **JAMESON**

Needle Holders 230mm

**BNH 270** 

# **Needle Holders**





# **Gall Duct Forceps**



**LAHEY** 

Gall Duct Forceps 225mm

BLF 65A

LAHEY (SWEET)

Gall Duct Forceps 200mm

**BLF 62** 

LOWER

Gall Duct Forceps 180mm

**BLF 70** 

**OLD FIELD** 

Adrenalectomy Forceps Curved 265mm

**BGB 20** 

**DESJARDINS** 

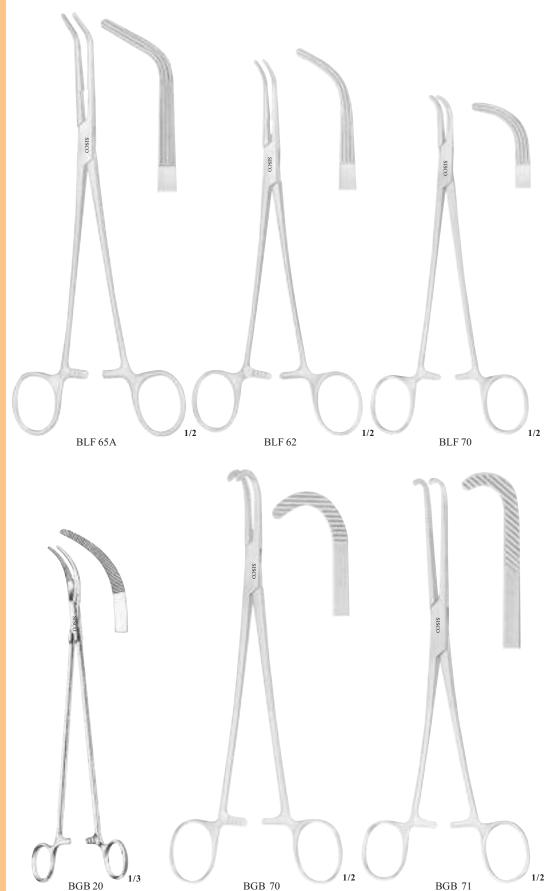
Gall Duct and cystic Forceps 220mm

**BGB 70** 

**NISSEN** 

Gall Duct and cystic Forceps 215mm

**BGB 71** 





FOERSTER Gall Bladder Forceps 240mm

**BFD 87- Straight** 

**BFD 87C- Curved** 

HEYWOOD- SMITH Gall Bladder Forceps 215mm

**BFD 71** 

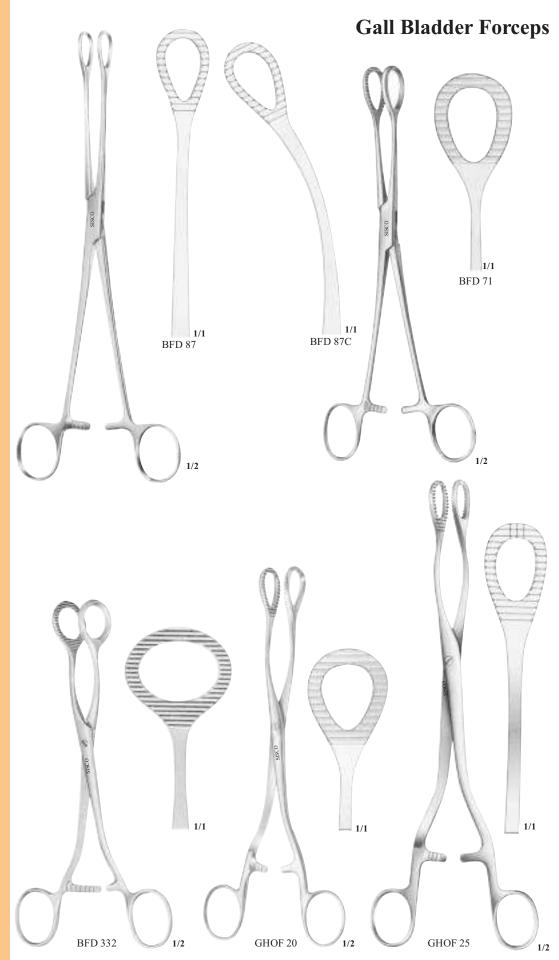
DOYEN Gall Bladder Forceps 185mm

**BFD 332** 

HEYWOOD- SMITH Gall Bladder Forceps 200mm GHOF 20

HEYWOOD- SMITH Gall Bladder Forceps 250mm

**GHOF 25** 



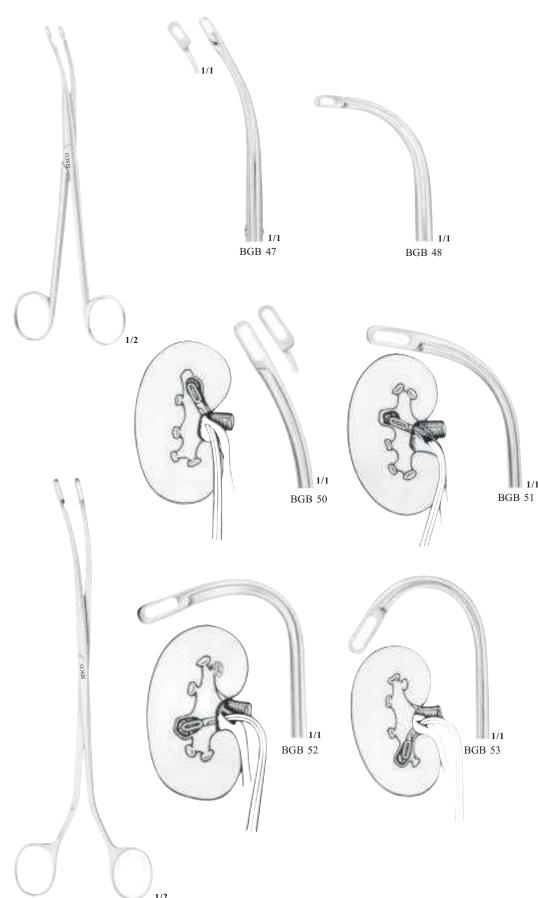
# **Kidney Stone Forceps**



HEIMING
Kidney Stone Forceps
BGB 47-170mm
BGB 48-160mm

RANDAL Kidney Stone Forceps 225mm

**BGB 50-53** 



# SISCO

# **TUBINGER MODEL**

Gall Stone Forceps 255mm

**BGB 239** 

# VASECTOMY

Dissection Forceps 125mm

**BFU 105** 

# **VASECTOMY**

Fixation Forceps For grasping the glans and the foreskin Ring dia. 4.8mm 140mm

**BFU 101** 

# **DESJARDINS**

Gall Stone Forceps

**BGB 58-**240mm

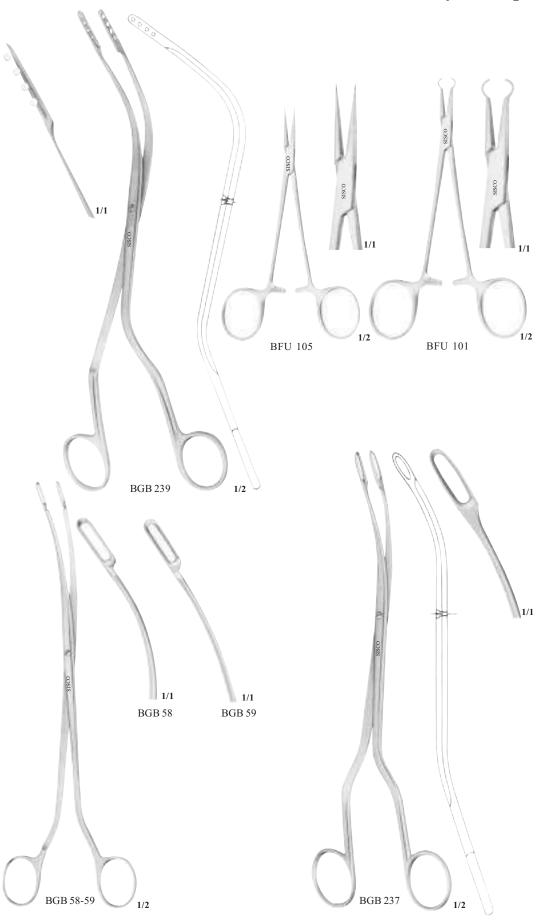
**BGB 59-**225mm

# **STILLE**

Gall Stone Forceps 245mm

**BGB 237** 

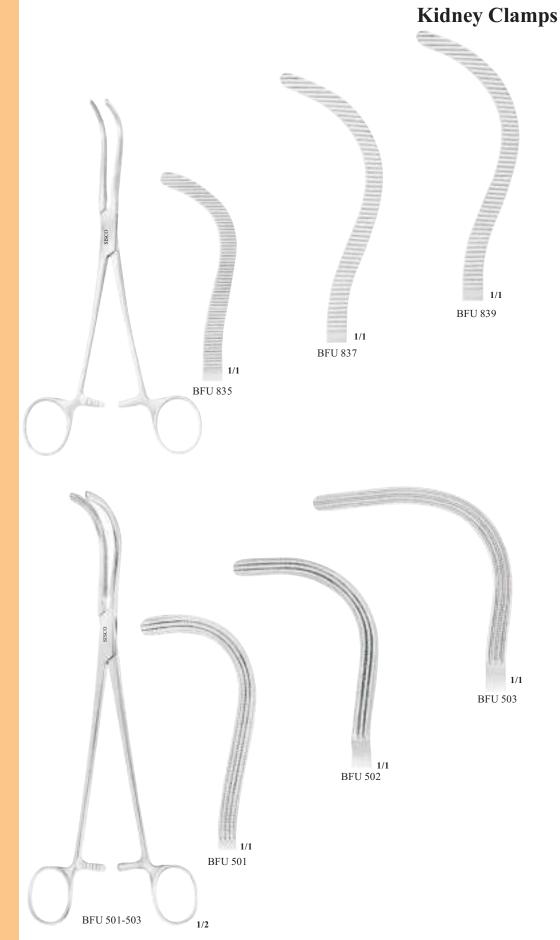
# **Gall Stone, Vasectomy Forceps**





PEAN Kidney Clamp BFU 835-195mm BFU 837-220mm BFU 839-230mm

GUYON Kidney Clamps BFU 501-240mm BFU 502-230mm BFU 503-230mm





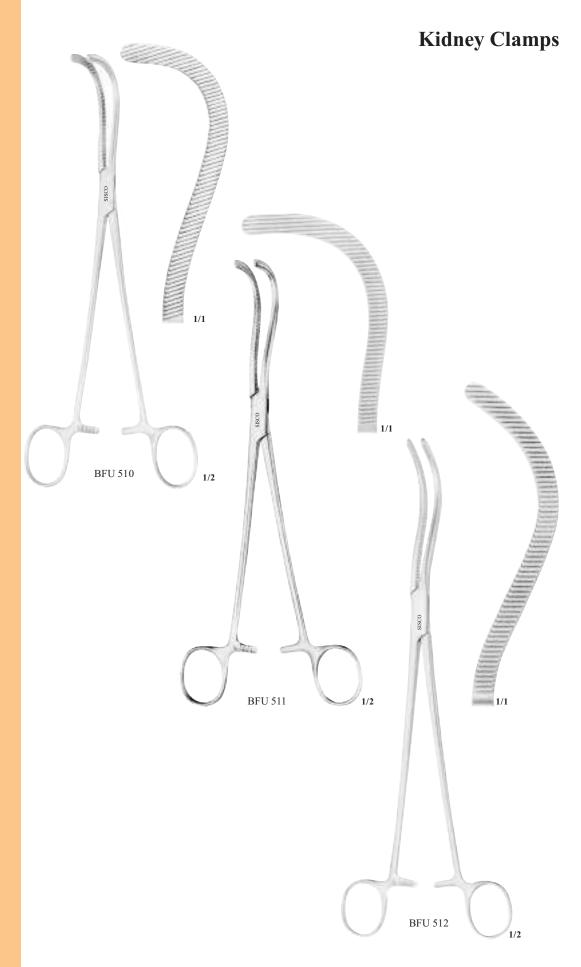
**GUYON** Kidney Clamps 235mm

BFU 510

**GUYON** Kidney Clamps 230mm

BFU 511

GUYON Kidney Clamps 265mm



# **Kidney Clamps & Kidney Pedicle Clamps**



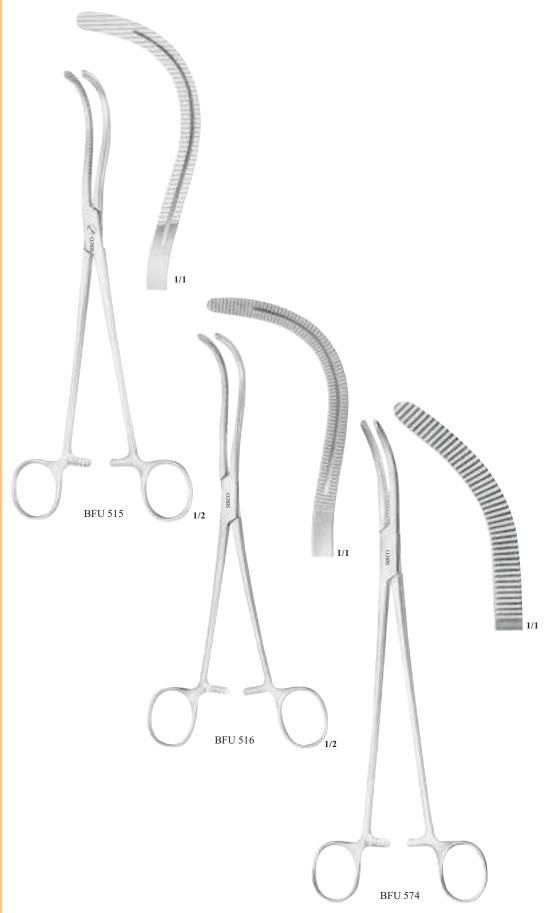
**STILLE**Kidney Clamps
240mm

BFU 515

STILLE Kidney Clamps 220mm

**BFU 516** 

**WERTHEIM**Kidney Pedicle Clamp
255mm





WERTHIEM-CULLEN Kidney Pedicle Clamp 215mm

BFU 579

**WERTHIEM**Kidney Pedicle Clamp
250mm

**BFU 581** 

**HERRICK** Kidney Pedicle Clamp 225mm







**DARTIGUES**Kidney Elevating Forceps
255mm

GUHF 33



**COLLIN**Kidney Elevating Forceps

**GUHF 34** 

285mm



# **Cord, Penil, Resection Clamps**



# **SPERMATIC**

Cord Clamp 145mm

**BGB 25** 

# THOMSON WALKER

Penile Clamp 115mm

**BFU 177** 

# **EINSELL FOSS COLON**

Resection Clamp Atraumatic jaw 305mm

**BFR 540** 

# **HAYES LOW**

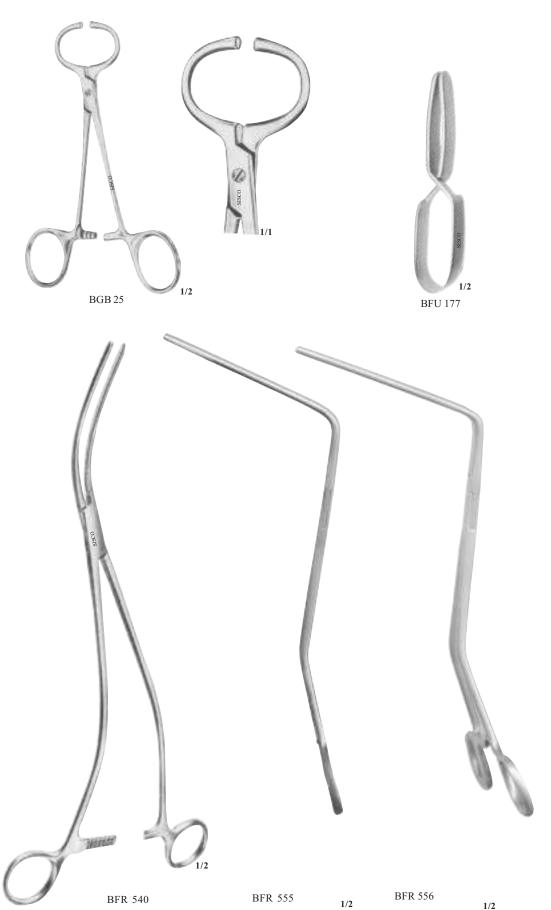
Resection Clamp Atraumatic jaw Jaw 95mm Length 255mm

**BFR 555** 

# **HAYES LOW**

Resection Clamp Atraumatic jaw Jaw 102mm Length 250mm

BFR 556



# **Genito-Urinary Instruments-Prostatectomy**



**MILLIN** 

Lobe Grasping Forceps 245mm

**BFU 163** 

**MILLIN** 

Lobe Grasping Forceps 235mm

**BFU 164** 

**MILLIN** 

Ligature Holding Forceps 245mm

**BLI 885** 

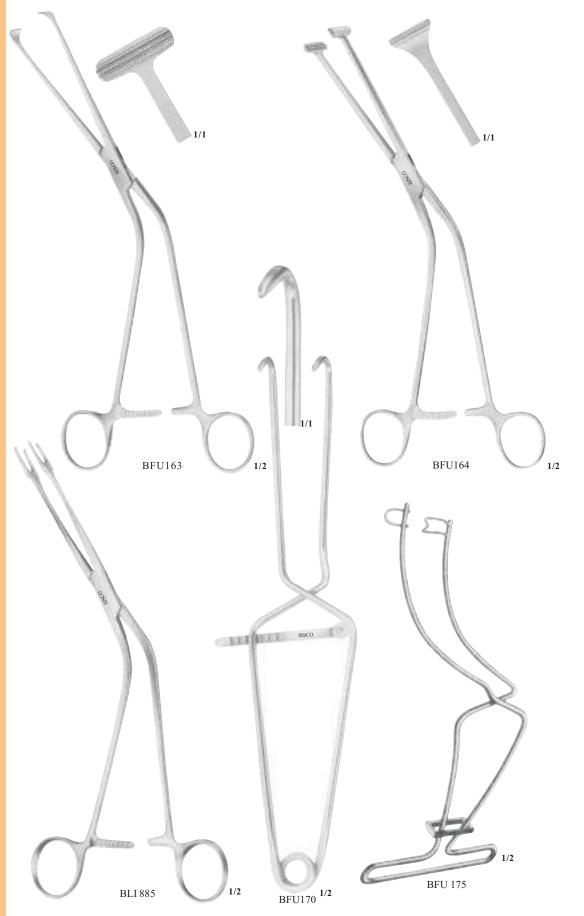
**MILLIN** 

Bladder Neck Spreader 285mm

**BFU 170** 

**TUNER WARWICK** 

Bladder Neck Spreader 240mm





**LEWKOWITZ** 

Lithotomy Forceps 245mm

BFU 180 - 181

**PITHA** 

Foreign Body forceps 220mm

**BFU 921** 

**MILLIN** 

Vulsellum Forceps 245mm

**BFU 185** 

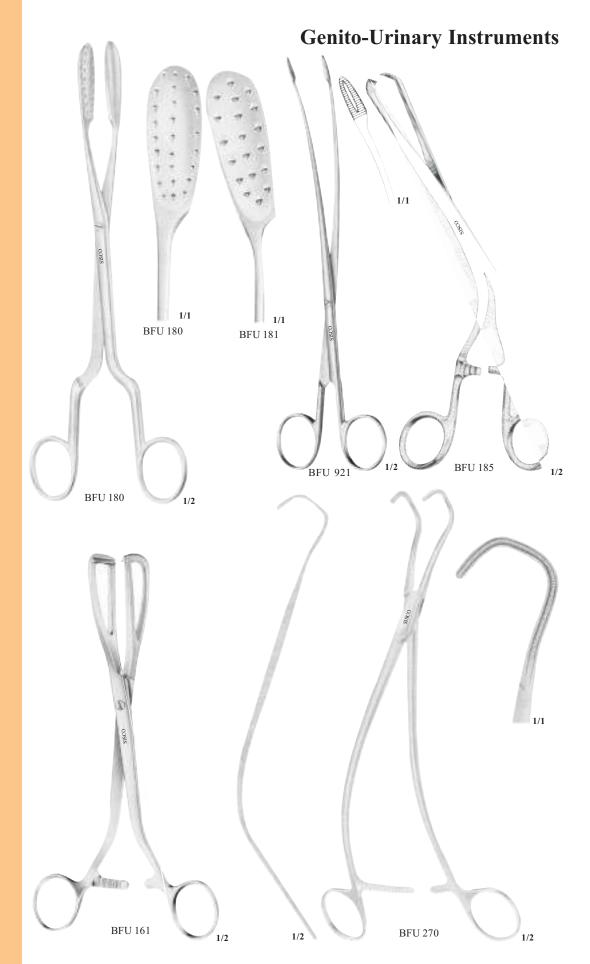
**YOUNG** 

Prostatic Lobe Forceps 205mm

**BFU 161** 

**ASH** 

Ureter Forceps 240mm





NELSON

Hydrocele Trocar 170mm

**BTR 510** 

TILLEY

Harpoon Trocar 170mm

**BTR 320** 

UNIVERSAL
Trocar(Set Of 4)

**BTR 126** 

**SUPRAPUBIC** 

Trocar & Cannula Without Groove 210mm

BTR 530-6mm

BTR 530S-8mm

BTR 530M-10mm

BTR 530L-12mm

**SUPRAPUBIC** 

Trocar & Cannula With Groove 210mm

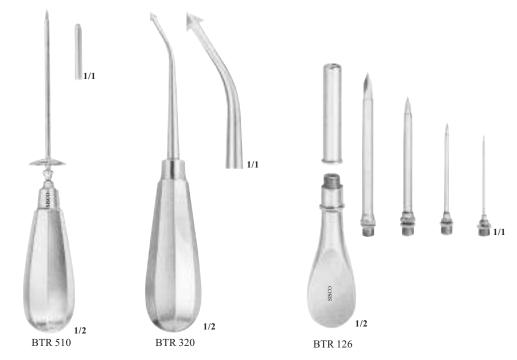
BTR 520-6mm

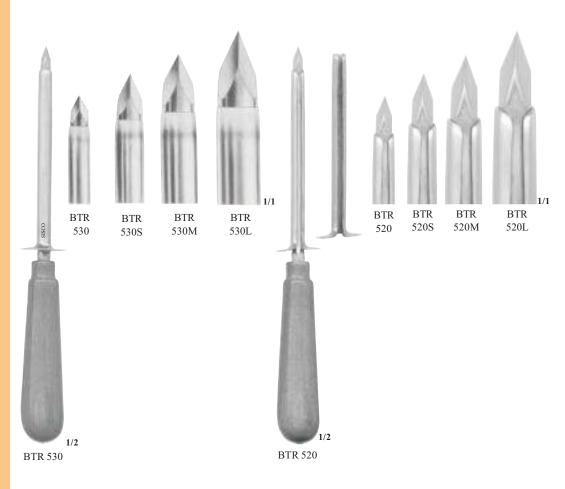
BTR 520S-8mm

BTR 520M-10mm

BTR 520L-12mm

# **Trocars**





# **Urethral Dilators**



# Dr.DORAIRAJAN'S

Pediatric Uretheral Dilators Set Of 7 - 218mm (4/6/8/10/12/14/16 F.G.)

**BDL 965** 

# **CLUTTON**

Uretheral Dilators Set Of 12 - 260mm (6/10,8/12,10/14,12/16, 14/18,16/20,18/22, 20/24,22/26,24/28, 26/30,28/32.F.G.)

**BDL 970** 

#### LISTER

Uretheral Dilators Set Of 12 - 280mm (6,8,9,10,12,14,15,16,18, 20,21,22.F.G.)

**BDL 770** 

# **TURNER WARWICK**

Retrograde boegie 180mm BDL 790



# **Gall Duct Dilators**



# BAKES

Common Bile Duct Dilators Malleable 300mm

BDL 901 - 1mm

BDL 902 - 2mm

BDL 903 - 3mm

BDL 904 - 4mm

BDL 905 - 5mm

BDL 906 - 6mm

**BDL 907 - 7mm** 

BDL 908 - 8mm

BDL 909 - 9mm

BDL 910 - 10mm

BDL 911 - 11mm

BDL 912 - 12mm

BDL 913 - 13mm



# **Gall Duct Probes**



#### **MOYNIHAN**

Gall Stone Probe Malleable 365mm

**BGB 150** 

#### **MAYO**

Gall Duct Probe Malleable 330mm

**GUP 805** 

#### **DESJARDINS**

Gall Duct Probe Flexible 285mm

**BGB 101-3.8mm** 

BGB 102-4.3mm

BGB 103-6.8mm

#### **STUCKER**

Bile Duct Dilators Malleable 325mm

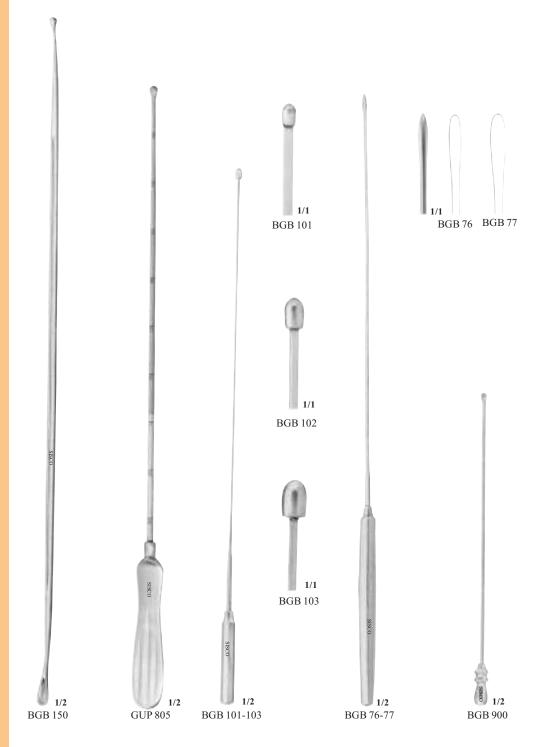
**BGB 76-3mm** 

**BGB 77-4mm** 

#### **HAJEK**

Irrigating Cannulae Silver 165mm

**BGB 900** 



# **Gall Stone Scoops**



#### **GALL STONE SCOOPS**

malleable 270mm

**BGB 109** 

#### **DESJARDINS**

Probe and catch with flexible shaft 300mm

BGB 111 - 6 mm

BGB 112 - 8 mm

BGB 113 - 10 mm

BGB 114 - 12 mm

#### **LUER-KORTE**

Gall stone scoops With malleble shaft 310mm

BGB 168 - 2.8mm

BGB 169 - 3.4mm

BGB 170 - 4.3mm

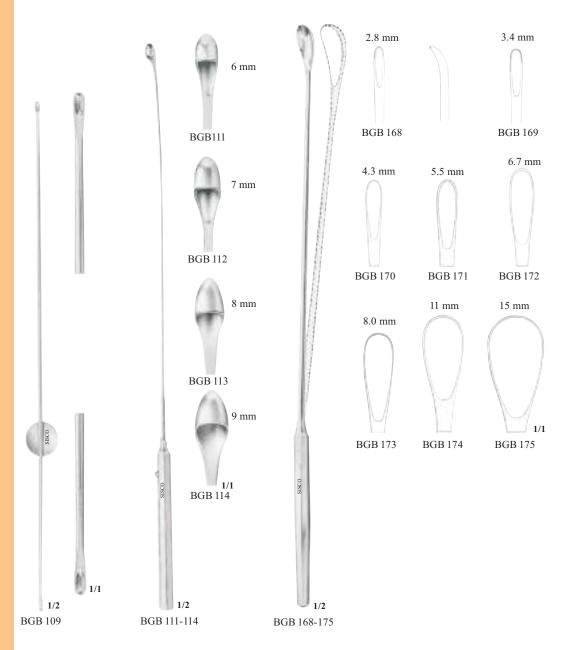
BGB 171 - 5.5mm

BGB 172 - 6.7mm

BGB 173 - 8.0mm

BGB 174 - 11mm

**BGB 175 - 15mm** 



# **Genito - Urinary Instruments**



**ASH** 

Secretion Scoop 200mm

**GCR 105** 

**ASH** 

Secretion Curette 270mm

**GCR 109** 

**MALE** 

Metal Catheters 290mm

GMC 214 - 14FR.

GMC 216 - 16FR.

**FEMALE** 

Metal Catheters 160mm

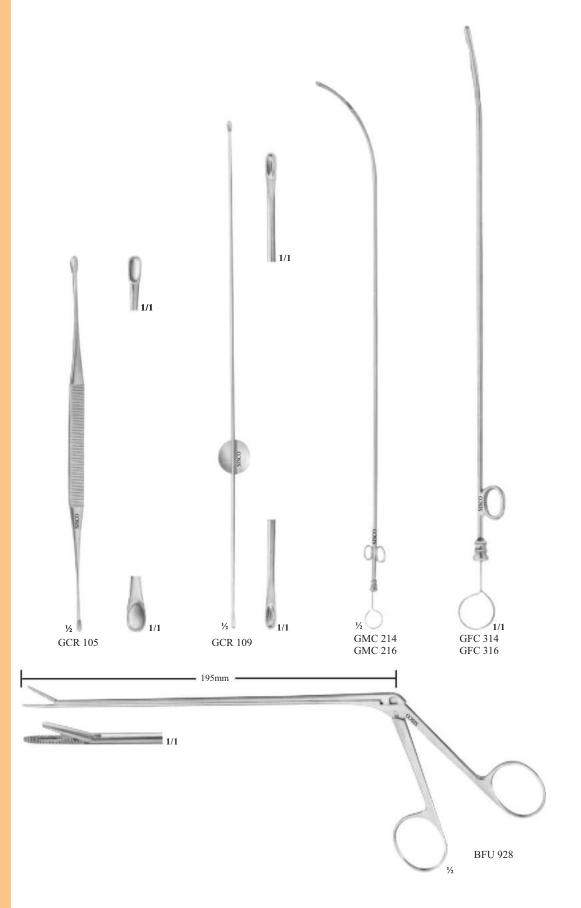
GFC 314 - 14 FR.

GFC 316 - 16FR.

**MATHIEU** 

Foreign Body Forceps 190mm

**BFC 928** 



# **Folley Catheter Introducer**



#### **MARYFEILD**

Pediatric Folley Catheter Introducer Grooved 215mm

BPR 814 - 6 - 10 FG

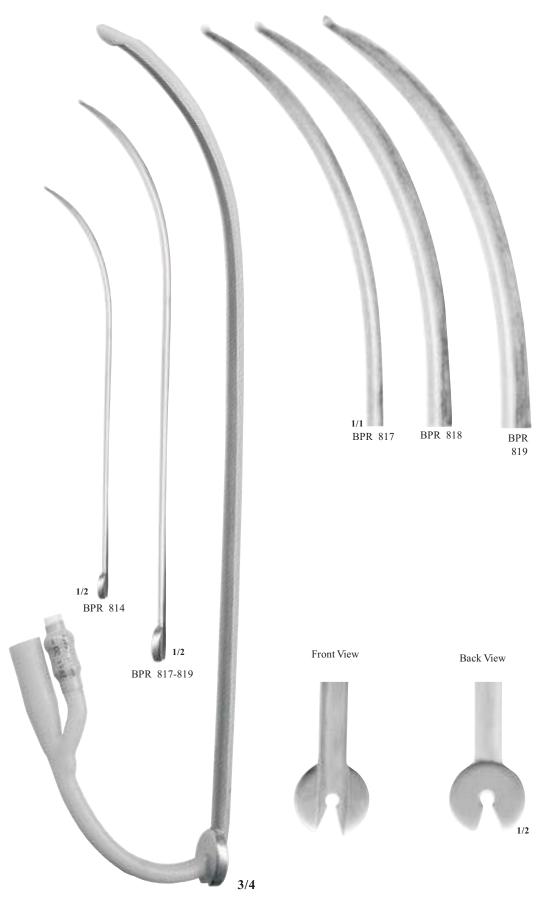
#### **MARYFIELD**

Folley Catheter Introducer Grooved 300mm

BPR 817 - 12 - 14 FG

BPR 818 - 16 - 18 FG

BPR 819 - 24 - 26 FG



# Gall Stone Scoops, Cord Hook & Catheter Introducer



GALL STONE SCOOPS 340mm

**BCR 361** 

MAYO
Gall stone scoops

**BCR 358** 

280mm

**FERGUSSON**Gall stone scoops

BCR 362 - 215mm BCR 363 - 220mm BCR 364 - 235mm

**SPERMATIC** 

Cord Hook Blunt 160mm

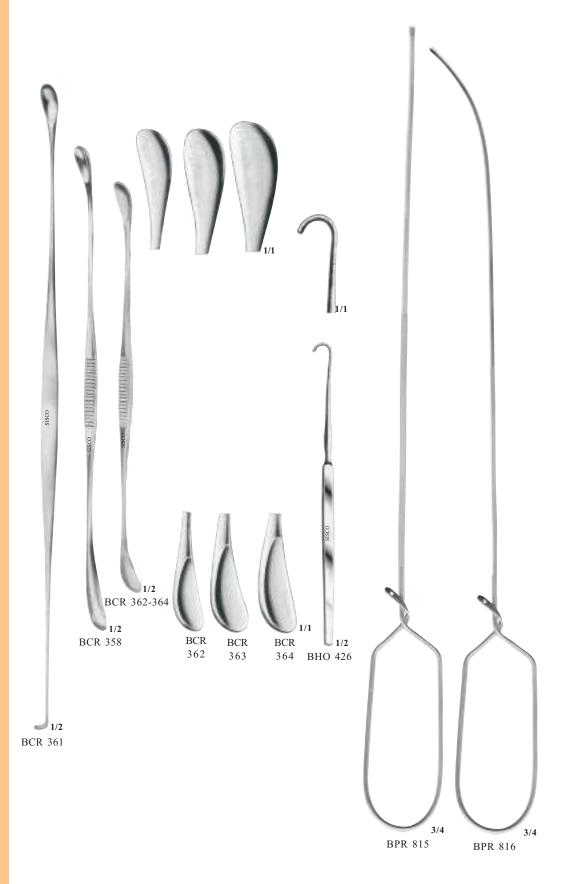
**BHO 426** 

**SISCO** 

Catheter Introducer 365mm

BPR 815 - Straight

BPR 816 - Curved



# **Ligeture Needles**



## REVERDIN

Ligature Needles 195mm

BLI 880 - BLI 883

#### TURNER-WARWICK

Urethroplasty Needles Set of 3 195mm

**BLI 890** 

#### DESCHAMPS

Ligature Needles Right, Blunt 215mm

**BLI 870** 

#### **DESCHAMPS**

Ligature Needles Left, Blunt 215mm

**BLI 871** 

### **DESCHAMPS**

Ligature Needles Right, Sharp 215mm

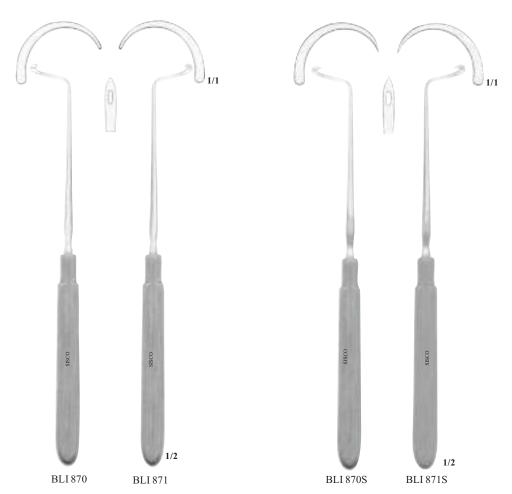
**BLI 870S** 

#### **DESCHAMPS**

Ligature Needles Left, Sharp 215mm

**BLI 871S** 





# **Kidney Transplant Instruments**



**GLOVER** 

Vessel Clamp 210mm

**CMP 458** 

**GLOVER** 

Vessel Clamp Spoon - Shaped 220mm

**CMP 460** 

**DE BAKEY** 

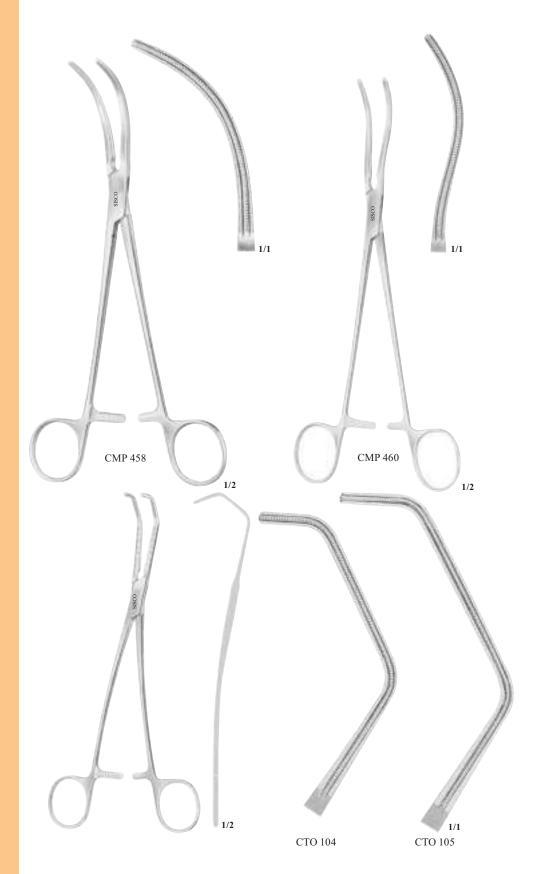
Vessel Clamp Jaw 58mm 270mm

**CTO 104** 

**DE BAKEY** 

Vessel Clamp Jaw 75mm 280mm

**CTO 105** 





**DE BAKEY**Aorta Cross Clamp
240mm

**CAA 12** 

# **GLOVER**

Bulldog Clamp Non - Traumatic 57mm

CBD 25A

MIKULICZ Peritonium Forceps 205mm

**BPF 313** 





#### **DE BAKEY**

Multi - Purpose Clamp Non - Traumatic 240mm

#### **CMP 80D**

#### **DE BAKEY**

Multi - Purpose Clamp Non - Traumatic 210mm

#### **CMP 90B**

#### **KOEINIG**

Guiding Probe Narrow,Flat 200mm

#### **BGP 902**

#### **ABDOMINAL**

Spatula 30 X 330mm

#### **BNR 761**

#### **SISCO**

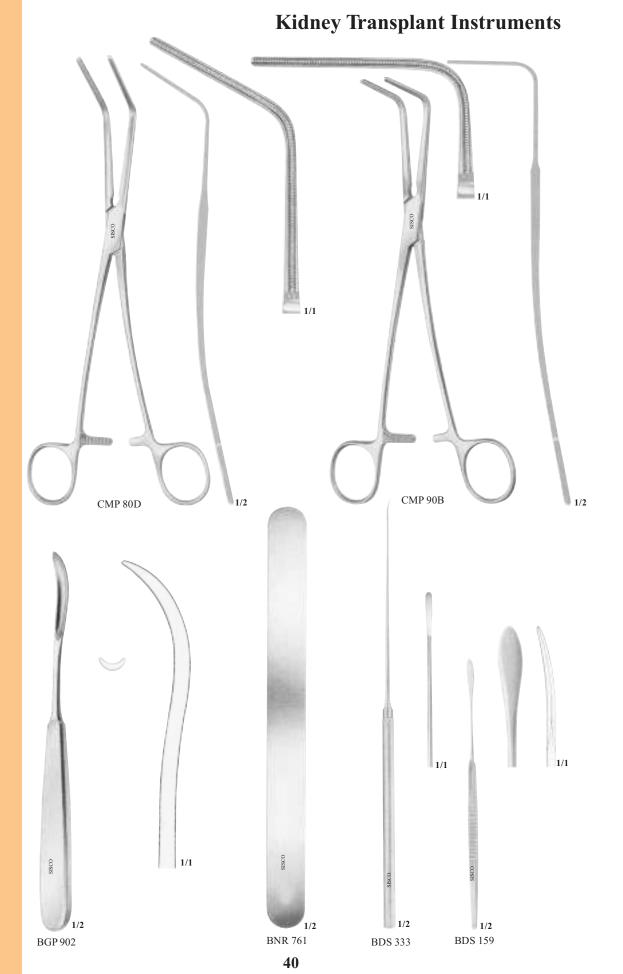
Vascular Dissector Straight 230mm

#### **BDS 333**

#### **SCHMID**

Vessel Dissector 235mm

#### **BDS 159**





#### **HARRINGTON**

Retractors Flexible 295mm

BRT 551 - 123 x 45mm

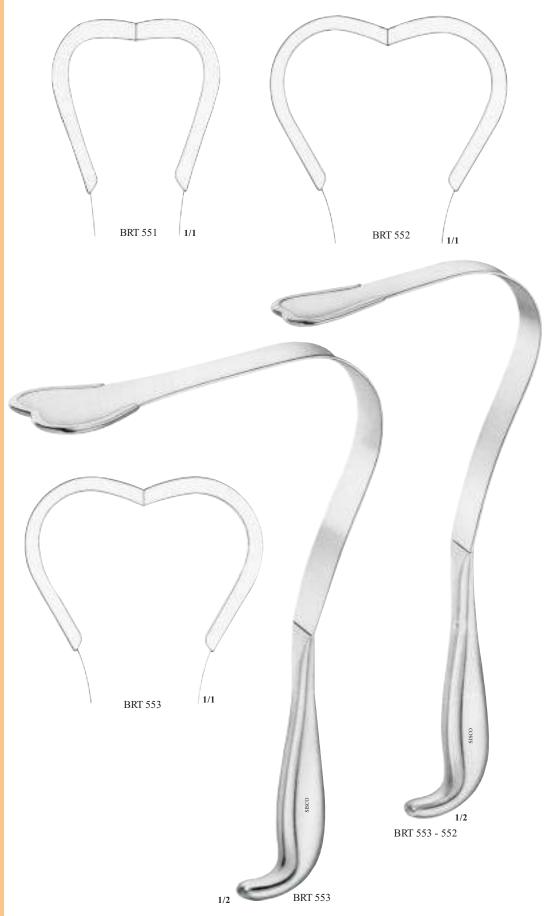
BRT 552 - 123 x 64mm

#### **HARRINGTON**

Retractors Flexible 295mm

BRT 553 - 175 x 64mm

# **Harrington Retractor**





# KIDNEY TRANSPLANT SET CONSISTING OF:

CODE NUMBER	<b>DESCRIPTION</b> QUA	NTITY
BNR 761 ABD	OOMINAL SPATULA MALLEBLE 330mm	1
BGF 148 ALL	LIS - THOMS INTESTINAL FORCEPS 200mm	4
BBP 103 B.P.I	HANDLE NO:3	1
BBP 104 B.P.I	HANDLE NO:4	1
BBP 107 B.P.I	HANDLE NO:7	1
BLF 56 BAB	BY - MIXTER LIGETURE FORCRPS 180mm	1
BTC 174 BAC	CKHAUS TOWEL HOLDING FORCEPS 90mm	8
BAR 608 BAI	LFOUR ABDOMINAL RETRACTOR	1
BHF 12 CRI	LE ARTERY FORCEPS STRAIGHT 140mm	8
BRT 083 CUS	SHING NERVE HOOK PROBE POINTED LARGE	1
CRT 13 CUS	SHING VEIN - AND WOUND RETRACTOR 14 X 18mm	1
CTO 104 DE -	BAKEY VESSEL CLAMP 270mm	1
CTO 105 DE -	BAKEY VESSEL CLAMP 280mm	1
CAA 12 DE I	BAKEY AORTA CROSS CLAMP 240mm DULL	1
CMP 90B DE 1	BAKEY NON - TRAUM. MULTI - PURP.CLAMP	2
CMP 80D DE 1	BAKEY NON - TRAUM. MULTI - PURP.CLAMP	2
BRT 792 DEA	VER RETRACTOR 300 X 25mm	1
BRT 794 DEA	VER RETRACTOR 300 X 38mm	1
BRT 792 DEA	VER RETRACTOR 315 X 25mm	2
BLI 871 DES	CHAMPS NEEDLE BLUNT CVD TO LEFT 215mm	1
BSC 305C DRF	ESSING SCISSORS BL X SH CURVED 145mm	1
BSC 305 DRF	ESSING SCISSORS BL X SH STRAIGHT 145mm	1
TNH 458 DUF	ROGRIP NEEDLE HOLDER DE BAKEY DEL 210mm	1
TNH 020 DUF	ROGRIP SAROT NEEDLE HOLDER 175mm	1
BDF 223 FIN	E DISSECTING FORCEPS PLAIN 200mm	2
BRT 767 FRI	TSCH ABDOMINAL RETRACTOR 75mm WIDE	2
CBD 25 A GLC	OVER NON - TRAUMATIC BULLDOG CLAMP 57mm	2
CMP 460 GLC	OVER VESSEL CLAMP SPOON - SHAPED 220mm	1
CMP 458 GLC	OVER VESSEL CLAMP 210mm	1
BGP 901 GUI	DE PROBE,4.5mm BROAD 195mm	1
BHF 10C HAI	LSTEAD MOSQUITO FORCRPS CURVED 120.5mm	6
BRT 551 HAF	RRINGTON RETRACTOR FLEXIBLE 123 X 45mm	1
BRT 552 HAF	RRINGTON RETRACTOR FLEXIBLE 123 X 45mm	1
BRT 552 HAF	RRINGTON RETRACTOR FLEXIBLE 123 X 64mm	1
BNH 408 HEC	GAR NEEDLE HOLDER WITH GOOVE 205mm	2
BNH 270 JAM	1ESON NEEDLE HOLDER STR - SLENDER 230mm	1
BRT 780 KEI	LLY RETRACTOR	1
BHF 40C KOO	CHER HYSTERECTOMY FORCRPS CURVED 260mm	2
BRT 759 KOC	CHER RETRACTOR,60 X 25mm	2
BGP 902 KOI	ENIG GUIDING PROBE NARROW FLAT 200mm	1
BLF 64 LAF	IEY TISSUE GRASPING FORCRPS 150.5mm	2
BSC D91 LEX	<b>XER DISSECTING SCISSORS CURVED 165mm</b>	1
BSC 561 MAY	YO HARRINGTON SCISSORS CURVED 230mm	1
BSC 341C MET	TZENBAUM SCISSORS CURVED 180mm	1
GPF 313 MIK	XULICZ PERITONEUM FORCEPS 205mm	2
BLF 58 MIX	TTER LIGETURE FORCRPS DELICATE TYPE 230mm	2
BRT 084 NER	RVE HOOK 280mm	1
CSC 21 POT	TTS DE - MARTEL SCISSORS 60 Deg ANGLED	1



# KIDNEY TRANSPLANT SET CONSISTING OF:

CODE NUMBE	ER DESCRIPTION	QUANTITY
BPR 823	PROBE DOUBLE ENDED 145mm DIAM 1.0mm	1
BPR 823	PROBE DOUBLE ENDED 145mm DIAM 1.5mm	1
BRT 749	RICHARDSON RETRACTOR LARGE 37 X 27mm	2
BDS 159	SCHMIDT DISSECTOR 235mm	1
BDS 333	SISCO VAS.DISSECTOR STRAIGHT 230mm	2
<b>BDF 87</b>	SPONGE HOLDING FORCEPS 250mm	2
BDF 201T	STANDARD DISSECTING FORCEPS 1 X 2 160mm	2
BDF 211T	TISSUE FORCEPS 1 X 2 (FINE) 160mm	2
BRT 802S	VOLKMANN RETRACTOR SHARP 4PRONGS	2
BDF 228	WAUGH DISSECTING FORCEPS PLAIN 200mm	2

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# **SISCOCATH: LATEX FOLEY CATHETERS:**

# Introduction:

**SISCO** Latex Pvt. Ltd., a **SISCO** group company set up to manufacture latex foley balloon catheters in 1993, through continuous research & development and close association with the surgeons & urologists developed a foley catheter of superior quality. The state of the art foley catheter manufacturing plant is located in Pondicherry, India.

To keep abreast with the continuous progress in the medical sciences, the company has set up a Research & Development department which maintains a continuous interaction with the leading medical research scientists, medical institutions and hospitals to update with the latest trend in surgical techniques.

# **Quality Management Systems.**

Our company has received ISO 9002 certification for our quality system and CE certification for product safety as early as 1998 and the same has been renewed in the year 2004 for the ISO 9001-2000 standards and CE.

With a passion for continuous improvement in quality management the company updates itself continuously with the latest techniques and received the certification for ISO 13485:2003 in the year 2005.



# 2 Way Standard Foley Catheters :

The accurately designed 2 way SISCOCATH latex foley catheters ensure high level of confidence while performing urethral catheterisation by providing:-



Fitted with Hard Plastic Valve Size range: 12-30 FR/CH Balloon Capacity range: 5-15 ml/cc (12-24 FR) 15-30ml/cc (12-30 FR) 30ml/cc (12-30 FR)

- Smooth tapered tip facilitates for easy introduction thereby reducing urethral trauma.
- Symmetrical shaped balloon which expands equally in all directions.
- Accurately formed drainage eye to permit effective urine drainage.
- Larger circular drainage lumen for efficient flow of urine
- Smooth flexible siliconsied catheter shaft to provide patient comfort.
- Integrally bonded Reinforced junction between the inflation funnel and the catheter shaft to ensure reliability thus preventing detachment during use.
- Consistent shaft gauge.
- Plastic valves or rubber valves fitted as per the convenience of the customers.
- Colour circular sleeves for easy identification of size.
- Lateral opposing eyes (If requested by the customer).

# 2 Way Paediatric Foley Catheters:

The SISCOCATH latex paediatric foley catheters are made with special attention to precision and accuracy by adopting exact standards and specifications.

High level of consistency ensured in the extremely small shaft guage.

Supplied with stiff nylon stilette for controlled insertion of catheter.

Fitted with Hard Plastic Valve Size range: 1.5ml/cc - 6FR 3-5ml/cc - 8 FR & 10 FR



# **OTHER PRODUCTS:**

# Tiemann Foley Catheters:

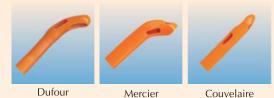
SISCOCATH Tiemann foley catheters are available with ball end or with tapered end and with angled tip. It is used for Specialised purposes Eg. Prior to prostatectomy or post operatively.

Fitted with Hard Plastic Valve Size range : 20 - 26 FR/CH Balloon Capacity range : 80 ml/cc



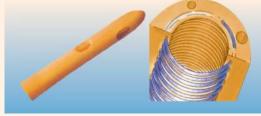
# > Special Tip Catheters :

Dufour, Mercier and Couvelaire



# Haematuria Foley Catheters:

SISCOCATH Haematuria Catheter has been reinforced without changing the dimensions to give improved flow. This reduces the risk of clogging after surgical procedure due to blood and other fragments.



# Uterine Balloon Therapy Catheters (UBT)

We have developed a specially designed balloon catheter used for thermal ablation a technique where the catheter is passed through vagina in to the uterine cavity. Hot water is passed through a balloon catheter at fixed temperature (around 85°C) at controlled pressure (200 - 250 mm Hg) for a duration of 10 - 5 minutes. This procedure ensures removal of endometrial tissue by heat necrosis. Due to the removal of the endometrial tissue, the bleeding can be controlled. For this purpose only our the thermal balloon technique has been developed by a simple, effective and economic method.

Sisco also markets the machine for performing UBT procedure.



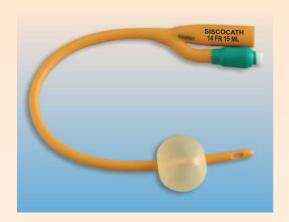


# 2 Way Female Foley Catheters:

Similar in design to the 2 way standard foley catheters the SISCOCATH latex female foleys are of a shorter length (Approximately 260 mm)

It is preferred for comfortable and convenient catheterisation of female patients.

Fitted with Hard Plastic Valve Size range : 12 - 24FR/CH Balloon Capacity range : 5 - 15ml/cc





# 3 Way Foley Catheters:

SISCOCATH latex 3 way foley catheters has been designed to irrigate the bladder continuously without disconnecting the catheter from a closed drainage system.

SISCOCATH latest 3 way foley catheters are manufactured with highly advanced techniques to ensure:

- Maximum Patient Comfort
- Minimising Infection thus increasing the confidence level of the customers.
- Saving Of Valuable Nursing Time.

Opposed Eyes for irrigation eye and drainage eye for efficient irrigation.

The drainage eyes are also staggered and bigger for effective drainage (after TURP, the blood clots removal can be effective).

Large circular drainage lumen for effective flow of urine.

Larger circular irrigation lumen for effective flow of irrigation fluids.

SISCOCATH 3 way foley catheters are adequately stiffer in order to withstand traction.

SISCOCATH 3 way foley catheters can also be supplied with 4 eyes with extra stiff tip upon demand.



Fitted with Hard Plastic Valve Size range : 14 - 26 FR/CH Balloon Capacity range : 30 - 50 ml/cc



# SILICONE ELASTOMER COATED FOLEY CATHETER

When it comes to the manufacture of urinary catheters, finding a reliable, cost-effective solution and maximizing a patient's comfort are difficult to achieve at the same time. While materials such as PVC and latex have traditionally been used because of the lower price, the skin sensitivities and latex allergies they can cause discomfort for many patients.

# -

#### Now a better solution:

We at SISCO LATEX have developed a reliable and cost effective special silicone elastomer coated foley catheter, which maximises patient comfort.

# **>**

# A Summary of silicone Chemistry

The chemical structure of silicones leads to a number of useful properties. The molecular structure of these material is based on a silicon and oxygen backbone to which pendant methyl groups are attached Figure-1 shows the basic structure for polydimethyl siloxane (PDMS).

PDMS has a unique structure, with the nonpolar organic methyl groups forming a "cloud" that surrounds the highly flexible inorganic siloxane liquids at room temperature with very low glass transition temperatures (Tg) and high permeability gas, including water vapor.

Me Me Me
I I I
Me— Si — O — (Si — O), — Si — Me
I Me Me Me Me
Or

Me<sub>3</sub>SiO (SiMe<sub>2</sub>O)<sub>n</sub> SiMe<sub>3</sub>

Figure 1. Structure of polydimethylsiloxane

Figure 2 is a structural representation of a typical linear PDMS. Orange portions of the molecule represent silicon atoms. With the red oxygen atoms, they form the flexible silicone backbone. Methyl group are represented by black (carbon) and blue (hydrogen).

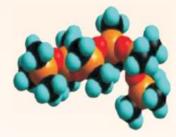


Figure 2. Three-dimensional representation of tetradecamethylhexasiloxane, Me<sub>3</sub>SiO(SiMe<sub>2</sub>O)<sub>3</sub>SiMe<sub>4</sub>

# **Manufacturing Process:**

Silicone Elastomer Coated catheters are made by successive dipping of preformed latex foley catheters in a silicone elastomer dispersant, and cured.

# **▶** Advantages of silicone elastomer coated foley catheters :

- Smooth silicone coated surface reduces friction and increases ease of insertion.
- Help in reducing bacterial risks, necrosis and incrustation from deposition of salts, thereby increased duration of implantation.
- ♦ Avoids blockage of catheter eyes, due to salt incrustation. This also reduces pain on extraction.
- Improved patient comfort due to more resilience and less irritation (UTI)
- Durable coating, resistance to ageing. Resistant to oxygen, ozone and UV light.
- It is non-toxic and does not contain any substance which can be extracted by water or tissue fluids.
- Its strong tissue and water repellent property virtually eliminates incrustation with blood or tissue.
- Eliminates allergic reaction associated with latex.

# Comparison between a silicone elastomer coated latex catheter and a latex catheter on salt incrustation and Urethral irritation



Silicone coating may help reduce incrustation from deposition of salts on the tip or within the lumen of a catheter. Salt incrustation can cause pain on extraction or blockage of the catheter eye.





Figure 4.Urethrobulbar section of penis photographed after Foley catheter removal. Silicone-coated latex on left; all latex on right.

# Test report on Silicone Elastomer Coated Foley Catheters by external lab

#### Client

#### SISCO LATEX PVT. LTD.

No.33, Gopalankadai Road Kurumbapet, Pondicherry, India - 605 009

#### **►** Sample Received :

Silicone Elastomer Coated Latex Catheters x 10

#### ► Performance Testing (Coating integrity Test):

To Check if Silicone elastomer coating can be peeled/rubbed off on inflated balloon at 30ml air injection.



No.1 Pass



No.6 Pass



No.2 Pass



No.7 Pass



No.3 Pass



No.8 Pass



No.4 Pass



No.9 Pass



No.5 Pass



No.10 Pass

# **SISCOCATH - 100% SILICONE FOLEY CATHETERS (Latex free)**

- SISCOCATH 100% SILICONE FOLEY CATHETERS are made of highly biocompatible Silicone elastomer, ideal for creating a safe, dependable Foley catheter for very long term implantation.
- The non-tacky surface of Silicone makes it highly resistant to Urinary salt encrustation.
- Due to the inertness of Silicone, it does not leach chemicals, does not irritate Urethral Mucosa and also does not lead to Urethral stricture formation.
- The smooth and longer eyes allow non-traumatic insertion and maximum drainage.
- The ribbed funnel ensures an easy, leak-proof connection while the clear connector and shaft allow visual examination of drainage.
- The drainage lumen is comparatively bigger and thus allows better drainage of Urine and blood clots.



## **OUR PRODUCTS RANGES - 100% SILICONE FOLEY CATHETERS**

Туре	Shaft Gauge	Balloon Capacity (cc/ml)
2way Paediatric	6 fr	1.5 cc/ml
2way Paediatric	8 & 10 fr	3 cc/ml
2way Standard	12 & 24 fr	5-15 cc/ml
2way Standard	16 & 26 fr	30 cc/ml
3way Standard	16 & 26 fr	5-15 cc/ml
3way Standard	16 & 26 fr	30 cc/ml



# **OUR MANUFACTURING FACILITY**

Modern clean rooms with micro - organism controlled environment.

Well established procedures to ensure manufacture as per cGMP (Current Good Manufacturing Practices).

Modern laboratory with technological advancements for ensuring the quality of incoming raw materials right up to the finished products.

Highly restricted entry procedures.

Inspection and packaging area are maintained with "Class 10,000" air conditioning facilities (with hepa filters) to eliminate micro organisms.



Strict quality control at laboratory



**Leaching Process** 



**Process Control In Detail** 

Highest grade of raw materials are carefully selected and tested to ensure compliance with standards required for use in medical devices.

Strict in-process and quality control tests are conducted at every stage of compounding, dipping, leaching and packing.

# Every individual catheter is subjected to 100% inspection for the following:



**Balloon** inspection

- **Surface Smoothness**
- Smooth And Evenly Formed Drainage Eye
- Rounded And Smooth Tip
- Funnel Strength At Bifurcation
- Gauge (dimensional Specification)
- **Balloon Symmetricity**

The following biological reactivity tests are conducted from renowned laboratories for ensuring the complete elimination of Urinary Track Infections (UTI):

- Bio-compatibility tests
- b) Sterility tests

- Cyto-toxicity tests
- d) Intracutaneous irritation tests (The reports will be made available on request)

Siscocath latex foley catheters are tested as per British standard BS EN 1616: 1997 and ASTM F623

# **INSTRUCTIONS FOR USE**

- 1) Carefully controlled and fully aseptic techniques are absolutely essential to minimize the risk of infection.
- 2) Peel the pouch open, then "snap-off" along the perforations of the inner bag to expose tip-end of the catheter.
- 3) Carefully insert the catheter shaft until its tip and balloon are suitably located in the Bladder, normally indicated by urine flow. Then inflate the balloon and gently pull the catheter shaft backwards ensuring that the balloon is correctly 'seated' at the neck of the bladder.
- 4) Inflation Procedure:

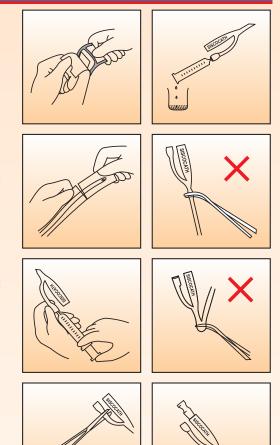
Use the sterile distilled water or physiological saline solution. The syringe nozzle should be seated in the valve orifice and the plunger depressed to effect inflation.

#### Do Not Use Needle

- 5) Deflation Procedure Either cut off the inflation funnel slightly above the valve or use a syringe nozzle without the plunger.
- 6) Discard after single use.



- 1) Do not clamp or kink the catheter shaft. Use of catheter spigot is recommended to stop urine flow.
- 2) Avoid using oil, petroleum derivatives (liquid paraffin) or petroleum jelly as lubricants.





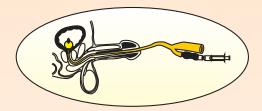
### STORAGE RECOMMENDATIONS

- 1) Protect from direct sunlight or UV-rays.
- 2) Store in a clean and dry environment at a temperature of 15-25° C (60-80° F)
- 3) Do not store in such manner, which may cause deformation of the catheter or damage to the sterile-proof pack.
- 4) Ozone is deleterious to rubber
  - The storage rooms should not contain any equipment that either generates ozone, or equipment such as mercury vapour lamps, high voltage electrical appliances or others that give rise to electric sparks or silent electrical discharges.
- 5) Avoid any contact with oil-based antiseptic phenols or their derivatives, greases, petroleum jelly, petroleum spirit, paraffin or other related compounds.
- 6) The catheters should be protected from metals such as Copper, Manganese and Iron.

# **▶ Effective Methods For Catheter Removal During Balloon Non-deflation Problem:**

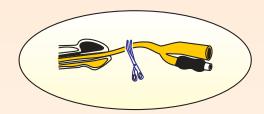
#### ► BY ASPIRATION METHOD:

Aspirate gently with syringe tip by pulling on the catheter end with alternating left-right rotation to remove adhesions in the inflating lumen.



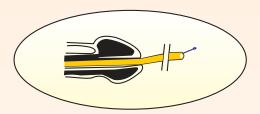
#### ► BY CUTTING OPTIMUM LENGTH:

First cut the funnel portion slightly above the valve. If this is unsuccessful, cut the shaft of the catheter by maintaining a safety margin of minimum of 60 mm beyond the tip of urethra.



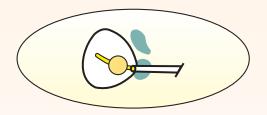
#### **▶** BY INSERTING PROBE:

Insert a thin probe or ureter stylet (approximately 0.6 to 0.7 mm dia) into the inflating lumen to remove any blocks. If this is unsuccessful, try to puncture the balloon with the probe. (Caution: Ensure all the fragments have been removed from the patient).



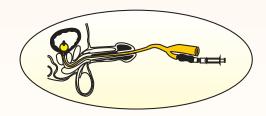
#### ► BY HARPOON METHOD:

Apply lubricant on cystoscope and pass over the cut end of the catheter tip up to the balloon. Then insert a thin probe between shaft and the scope to perforate the balloon. (Caution: Ensure all the fragments have been removed from the patient).



#### ► PARAFFIN OIL INDUCED RUPTURE:

Inject 10 ml of Paraffin oil through the inflating lumen. Before doing this technique it is important to prefill the bladder with 100 to 200ml solution though drainage lumen for dilution. (Caution: Ensure all the fragments have been removed from the patient).



# **OUR PRODUCT RANGES - LATEX FOLEY CATHETER**

Туре	Length (mm)	Shaft Gauge	Designated Optimal Balloon Capacity (ml/cc)	Balloon Capacity Range (ml/cc)	Coating as per Customer's Choice	Valve as per Customer's Choice
2 way Paediatric Special	305 <u>+</u> 10	6 fr	1.5	1.5		
2 way Paediatric	305 <u>+</u> 10	8 - 10 fr	3	3-5	No Coating	Hard Valve
Jugay Standard	398 <u>+</u> 10	12 fr	15	5-15, 15,		
2way Standard	395 <u>+</u> 10	14 - 24 fr	19	15-30,	Siliconised	
2way Standard	395 <u>+</u> 10	16 - 24 fr	30	15-30, 30,	or Silicone Coated	
2way Standard	390 <u>+</u> 10	26 - 30 fr	30	30-50,	Coulcu	
2way Female	260 <u>+</u> 10	12 - 24 fr	15	5-15 <i>,</i> 15-30	Silicone	Or
3way Standard	395 <u>±</u> 10 390 <u>±</u> 10	14 - 24 fr 26 fr	30	30, 30-50	Elastomer Coated	01
		LABLE ON DEA	MAND			
Uterine Balloon Therapy Catheter (UBT)	420 <u>+</u> 20	16 fr	20	20	Hydrogel Coated	
3way Tiemann Tip	405 <u>+</u> 10	20 - 26 fr	80	30,30 - 50		
2 way Haematuria	395 <u>+</u> 10	20 - 26 fr	30	30 - 50	Siliver Oxide Coated	Soft Valve
3 way Haematuria	395 <u>+</u> 10	20 - 26 fr	30	30,30 - 50		

# **Size colour code**

6Ch/Fr 8Ch/Fr	10Ch/Fr 12Ch/F	r 14Ch/Fr 16Ch/Fr	18Ch/Fr 20Ch/Fr	r 22Ch/Fr 24Ch/Fr	26Ch/Fr 28Ch/Fr 30Ch/Fr
	Grey White	r 14Ch/Fr 16Ch/Fr Green Orange	Red Yellow	22Ch/Fr 24Ch/Fr Purple Blue	26Ch/Fr 28Ch/Fr 30Ch/Fr Pink Brown Black

# Packing Performance

All **SISCOCATH** Latex Foley Catheters are double packed in a polyethylene inner cover and an outer pouch of paper / blister film type. Polyethylene inner cover is specially serrated latitudinally at both ends to ensure convenient removal without physical contact. The pouch is tested for microbial barrier and then only used.

The outer pouch reveals the following details for the end user:

- a) Catheter size & Balloon Capacity.
- b) Lot number (Batch Coding)
- c) Usage instructions
- d) Balloon inflation capacities
- e) Storage instructions

10 Numbers of packed catheters are kept inside a neatly designed, thick and aesthetic carton box.



# SISCOCATH Intermittent Self Clean Catheters (ISC)

# ISC Catheters, Otherwise Known as single lumen catheters

# **SELF CATHETERISATION:**

- **→** Catheterisation to drain off the Urine from Bladder.
- Intermittent Self Catheterisation.
- Used For Urethral Caliberation.
- → In comparison to the stiffer PVC catheter generally available for such use, the Latex Catheters are soft, tissue friendly and easier for the patient to use and remove.
- → Soft round and stiffer tip helps in easy insertion without kinking during insertion and avoids damaging urethra.
- Evenly formed drainage eyes by special treatment process to avoid pain during insertion.
- Irritation will be minimum because of special leaching.
- → Smooth product surface ( due to special surface treatment process ) avoids pain during insertion.
- → 100% inspection on gauge size of ISC catheter avoids sizing problem.
- Products are sterilized with ethylene oxide gas and packaged single in peclable bags.
- → Available Size: 6FR 24FR

# OTHER POSSIBLE USES OF THE CATHETER SINGLE LUMEN:

- ← Can be used as Nephrostomy Tube at the end of PCNL procedure, as it is devoid of the Balloon Channel, the tube can be inserted through the amplatz tube. As it is soft, the patient comfort is more.
- → Can be used as drainage tube after abdominal surgery / Laparoscopy.

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