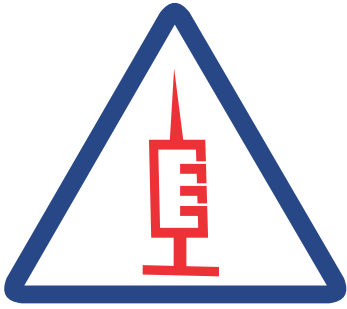


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A SYSMECH - MAIS JOINT VENTURE

# Mais India

*The health care specialist*



*Healing the World with best Medical Products™*

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sales@maisindia.com

www.maisindia.com



“**Mais India Medical Devices Pvt. Ltd.** is an alliance between the multi-million dollar global leader '**Mais Medical**' and the world-wide leader in medical machine manufacturing '**Sysmech Enterprises**'. The motto of this alliance is to ensure that single use medical products reach the globe at affordable prices but at an unbeatable quality conforming to international standards. The company is one of the leading names in the healthcare sector. We use state-of-the art technology with ultra modern manufacturing facilities to manufacture world-class quality products. Our strength lies in our team of enormously experienced (over 3 decades) engineers and trained technocrats totally committed to continuous innovation and cutting edge research.

We are proud to be affiliated with SGS. We comply to the related National and International Standards like India - Medical Devices Regulation (MDR) 2017 , EN ISO 13485:2016, MDD 93/42/EEC as amended, at every stage of production. We have class 10,000 clean rooms for the product assembly and blister packing & class 1,00,000 clean room for injection moulding. We also have an in - house Analytical laboratory for the in process and finished products testing of our entire range of products. We are among the few companies having **fully automatic vision system** for the final assembly.

#### Vision

“We seek to ensure that the benefits of best modern technology in healthcare are available to all at an affordable price.”

#### Mission

“To become a corporation known for its instrumental role in welfare of mankind by producing high quality medical products at lower prices using cutting edge technology and incessant research”

#### Research & Development

We do intensive in-house research and development for all our products and processes & always keep working on the invention of special production machines and processes to enhance the quality of production and products. Constant improvement in the existing designs by using the latest know-how along with the help of intense investments in trials is used by our intellectual capital in designs and teams of highly capable & experienced staff. We always focus on the addition of value to the existing designs our R&D department.



# Products Range

## Infusion Therapy

Safety I.V. Cannula  
I.V. Cannula  
Multi lumen Extension Sets With Needle  
Free Connector / Injection Stopper  
Needle Free Connector  
Three Way Stop Cock Click 45°  
Three Way Stop Cock  
Three Way stop cock with Extension Tube  
Extension Line (High or Low Pressure)  
I.V. Flow Regulator Extension Set  
Disposable Infusion Pump  
Disposable Pressure Transducer

## Anaesthesia & Respiratory Care

Endotracheal Tube (Plain/Cuffed)  
Reinforced Endotracheal Tube (Plain/Cuffed)  
Spinal Needle

## Urology Nephrology

Foley's Catheter

## Renal Care

Hemodialysis Catheter

## Surgery & Drainage System

Yankauer Suction Set  
Skin Stapler

## Endoscopic

Ligation Clips

**“Quality is not an act, it is a habit”**



“Mais India Medical Devices Pvt. Ltd. is among the few medical disposable companies to have **automatic computerised vision inspection system** set up for entire manufacturing facility. Each finished device is inspected against a master by high resolution cameras. This along with our fully automatic production assembly lines and well equipped state-of-the-art R & D capability gives us the confidence to guarantee an unbeatable quality.”

**Zero Manual  
Error**

**Minimal  
Bio-Burden**

**Consistent Quality  
at all Levels**

- Needle Orientation
- Needle Tip Damage
- Trim Distance
- Catheter Tipping Quality
- Needle and Catheter Length Variation
- Needle Burr

## Technical Specifications

Size	Colour Code	Ext. Dia. mm	Catheter Length mm	Flow Rate ml./min
14G	Orange	2.1	45	300
16G	Grey	1.7	45	200
17G	White	1.5	45	140
18G	Green	1.3	45	95
18G	Green	1.3	32	95
20G	Pink	1.1	32	62
22G	Blue	0.9	25	33
24G	Yellow	0.7	19	20
26G	Violet	0.6	19	15



# Infusion Therapy



Product Code:  
I1070101XX\* (FEP R/O, MGP)  
I1070105XX\* (PUR R/O, MGP)



Product Code:  
I1060309XX\* (FEP R/O, MGP)  
I1060310XX\* (PUR R/O, MGP)

## MaisSafe™

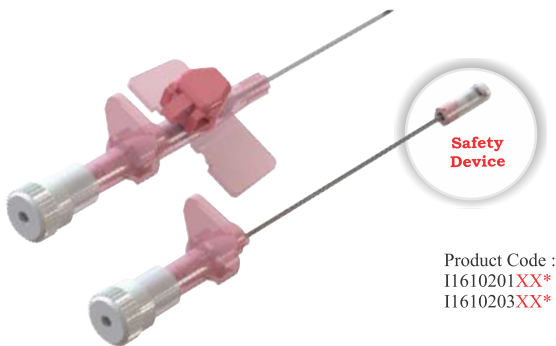
### Safety I.V. Cannula with Injection Port & Wings

- Added safety feature for prevention of needle stick injury
- Irreversible activation of safety mechanism
- Colour wings body
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G

## Maiswin Safe™

### Safety I.V. Cannula without Injection Port & Wings

- Added safety feature for prevention of needle stick injury
- Irreversible activation of safety mechanism
- Colour body
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G



Product Code :  
I1610201XX\* (PUR R/O, MGP)  
I1610203XX\* (FEP R/O, MGP)



Product Code :  
I1520201XX\* (PUR R/O, MGP)  
I1520203XX\* (FEP R/O, MGP)

## Mais Protect™

### Safety I.V. Cannula with Injection Port & Wings

- Added safety feature for prevention of needle stick injury
- Irreversible activation of safety mechanism
- Colour wings body
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G

## Maiswin Safe Clip™

### Safety I.V. Cannula without Injection Port & Wings

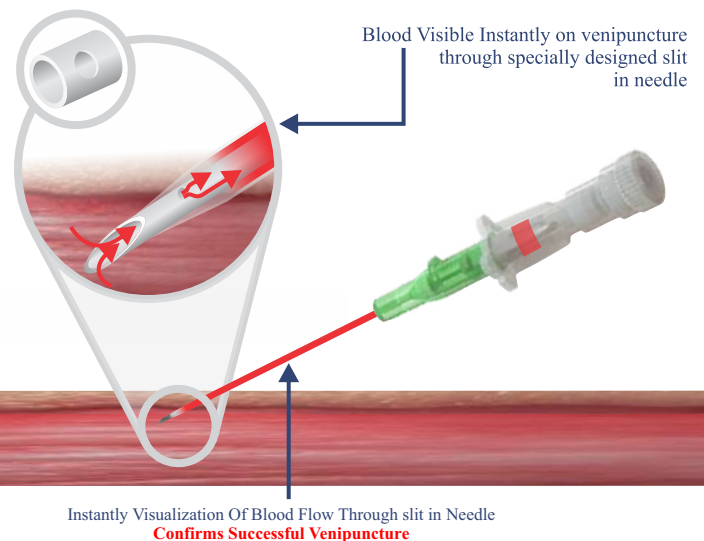
- Added safety feature for prevention of needle stick injury
- Irreversible activation of safety mechanism
- Colour body
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G

## Maiswin™

### I.V. Cannula without Injection Port & Wings (Instant Flashback)

- Instant conformation of successful venipuncture
- Quick visualization blood flow along catheter body, enhance clinician's ability to successfully access the vein
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G

Product Code : I01813XXXX\*



# Infusion Therapy



Product Code : I01703XXXX\*

## Maisflon Premium™

### I.V. Cannula with Flip Top Injection Port Cap & Color Wings

- Injection port with one way silicon injection valve
- 6% luer taper for compatibility with all standard devices
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G

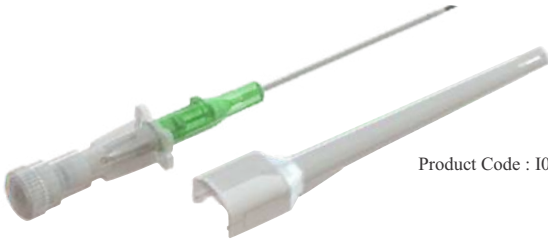


Product Code : I01101XXXX\*

## Maisflon™

### I.V. Cannula with Injection Port & Wings

- Injection port with one way silicon injection valve
- 6% luer taper for compatibility with all standard devices
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes: 14G to 26G



Product Code : I01613XXXX\*

## Maiswin™

### I.V. Cannula without Injection Port & Wings

- Colour body
- Main body specially designed with projection for low point gap to facilitate better maneuvering
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes : 14G to 26G



Product Code : I0161428XX\*

## Maispen™

### I.V. Cannula without Injection Port & Wings (Pen Type)

- Colour body & Cap
- Main body specially designed with projection for low point gap to facilitate better maneuvering
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes : 14G to 26G



Product Code : I01206XXXX\*

## Maiscan™

### I.V. Cannula without Injection Port & With Wings

- Colour wing body
- Main body specially designed with projection for low point gap to facilitate better maneuvering
- Available in PUR/FEP variants
- Available in MGP packing
- Sizes : 14G to 26G



DEHP Free

Latex Free

Product Code :  
I112000201

## Needle Free Connector

### Needle Free Connector / Needle Free Injection Stopper

- The housing is impregnated with PC which helps to lower infection.
- Smooth top can be effectively swabbed with standard, acceptable disinfection practice
- Straight-through fluid path helps improve the ability to flush
- Zero dead space helps prevent issues caused by blood clotting, difficulty in flushing fluid pathway or interactions with incompatible drugs
- Split septum valve technology
- It allows multiple usages, preventing spillage of blood / fluid

## Extension Sets

### Multi lumen Extension Sets

#### With Needle Free Connector / Injection Stopper

- Male luer connector at one end and female Needle free connector / Injection stopper other end.
- High quality kink resistant tube that provides smooth flow.
- Smooth internal surface to minimize variation of flow.
- Slide clamp for immediately stop the flow.
- Available : Single lumen, Double lumen, Triple lumen
- Length of tubes : 10-30cm



Latex Free

Product Code :  
I123000200 (Single lumen)  
I123000201 (Double lumen)  
I123000202 (Triple lumen)

# Infusion Therapy



\*XX= 01-Blue  
02-Red  
03-White

Product Code :  
I0281101XX\*  
I0281201XX\* (Lipid Resistant)

## Maisway Click™

### Three Way Stop Cock Click 45°

- Can Sustain Pressure up to 4.5 bar (65 psi)
- Smooth movement
- Minimum priming volume for accurate drug administration
- Highly transparent (free from blue tinge)
- Rotating male luer and two female luer connectors
- Arrow indication on the handle to indicate the direction of flow
- Connection meets 6% taper to ensure leakage free fitment



Product Code :  
I0310101XX

## Maisway Extn.™

### Three Way Stop Cock with Extension Tube

- Three Way Stop Cock at one end & male luer lock at the other end of extension tube.
- High quality kink resistant tube that provides smooth flow. Universal 6% taper to make it compatible with wide range of other medical equipment.
- Arrow symbols to indicate the direction of flow.
- Minimum priming volume required for correct drug administration.
- The integrated 3-Way stop cock offers multiple infusion line.
- Tube length available (cm): 10, 25, 50, 80, 100, 150, 200



Product Code :  
I0700000XX (High Pressure)  
I0710000XX (High Pressure-S)

01-10cm  
02-25cm  
03-50cm  
04-100cm  
05-150cm  
06-200cm  
07-300cm  
08-400cm

## High Pressure Extension Line

### Extension Line Low or High Pressure (Plain & Spiral)

- Transparent Extension Line (with colour coded stickers)
- 6% male & female luer locks.
- Kink resistant PVC tubing.
- Tube dia : Int : (1.0mm) Ext.(3.0mm) & pressure handling capacity : 800 psi
- Smooth internal surface to minimize variation of flow.
- Sizes (Plain) : 25, 50, 100, 150, 200 cm
- Sizes (Spiral) : 100, 150, 200, 300, 400 cm



\*XX= 01-Blue  
02-Red  
03-White

Product Code :  
I0210101XX\*  
I0220101XX\* (Lipid Resistant)

## Maisway™

### Three Way Stop Cock

- Pressure handling capability : up to 10 bar
- Universal 6% taper to make it compatible with wide range of other medical equipment.
- Arrow indication mark on handle to indicate the direction of flow.
- Design with minimum priming volume to ensure correct drug administration.
- Available in Lipid Resistant / BPA Free.
- Available : Blue, Red & White



Product Code : I01505XXXX\*

## Maiscath™

### I.V. Cannula with Integrated Three Way Stop Cock

- Colour wing body
- 360° rotation of the tap without limitation
- Available in PUR/PEP/PTFE variants
- Available in Tyvek/MGP packing
- Sizes: 14G to 26G



latex Free

Product Code : I090010000

## Maisflow™

### I.V. Flow Regulator Extension Set

- Precise flow rate control of IV fluids with range of 5 to 250 ml/hr
- With "Y" injection port (latex or ) for intermittent medication
- Also available with thumb support "Y" injection port and Needle free "Y"-Site
- Soft & kink resistant PVC tubing
- Male luer connector at one end and female luer connector at other end
- Standard tube length : 20 cm without "Y" site & 40 cm with "Y" site
- Tube dia : I Ø 3.0 mm, O Ø 4.1 mm

# Infusion Therapy

## UV Mais Protect Line™

### High Pressure Extension Line with UV Protection

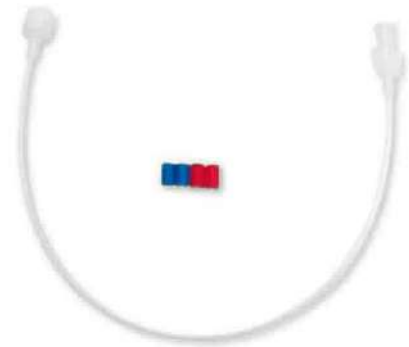
- All light sensitive drugs are protected due to light protection up to 520 nm
- Translucent orange tube
- Easier identification of light protected disposables because of characteristic orange color coding
- Available in different lengths (150 cm and 200 cm)
- Pressure proof up to 2 bar
- The tube is made of PE (Polyethylene), PVC Free, DEHP Free & Latex Free
- Small tube diameter (1.0 x 2.0 mm) to reduce residual volume
- Low absorption characteristics for the use with high potent drugs
- Excellent start-up characteristics
- Kink resistant



Product Code :  
I0700207XX

## PE Extension Line

- Polyethylene extension tube for intravenous or arterial catheters with a male Luer-lock connector at the distal end and a female Luer-lock connector at the proximal end.
- It is supplied in a double packaging with colour-coded clip: blue for venous lines and red for arterial lines.
- The polyethylene material of the tube confers excellent chemical inertness limiting the interactions (adsorption, absorption) with infused drugs.
- UOI Units: Each
- UOI: 1
- Contains Latex: No
- Contains DEHP: No
- Pyrogen Free: Yes
- Sterile Medical Device: Yes



Product Code :  
I0700008XX

## Elastomeric Infusion Pump

### Disposable Infusion Pump

- Elastomeric Infusion pump for single-use for the infusion of cytostatics, antibiotics, analgesics, anaesthetics and more. The pump offers patients a very high mobility during treatment and is a safe and simple alternative to electronic devices.
- Simple application, function without external energy sources
- Wide range of flow rates, filling volumes and special models, perfectly adapted to application needs
- Comfortable and discreet for the patient
- High delivery accuracy
- Air and particle filter as well as kink-resistant infusion line ensure maximum safety
- Enables outpatient treatment and early discharge
- cost-effective
- Latex- and DEHP-free
- Available in 50ml, 100ml, 250ml, with PCA & without PCA



Product Code :  
I1910001XX

## Disposable Pressure Transducer

- Medical pressure transducers are specialized medical transducers that can sense pressure and convert it into digital or other types of output signals.
- Compatible with wide range of monitors in a simple way: the variety is complete and can be used in conjunction with various monitors at home and abroad (including Mindray, Philips, etc.)
- Applicable to multiple clinical departments: anesthesiology, ICU, cardiology, catheterization laboratory, etc.
- Accurate and consistent real-time invasive blood pressure measurement;
- Clear fluid pathway enables priming during monitoring;
- Versatile and easy to use Snap-Tab flush device, which is very friendly to nurses who are the device operators usually
- The amount of blood required to measure blood pressure is 20%-30% of that of the ordinary type.
- Available in single lumen and double lumen



Product Code :  
I2010001XX



# Anaesthesia & Respiratory Care

## Endotracheal Tube (Plain/Cuffed)

- Made from non-toxic, clear, transparent, thermoresistant medical grade PVC (Polyvinyl Chloride).
- High volume, low pressure, evenly shaped cuff with a pilot balloon integrated to the tube for secure positioning inside the trachea
- Fitted with standard 15 mm connector for attachments to all standard ventilatory circuits in operation theaters or intensive care units.
- Graduated markings to display distance from the tip.
- Well marked to indicate the internal/external diameter.
- Nasoral tip suitable for both nasal and oral intubation.
- Full length radio-opaque lines to assess position of the tube radiographically.
- Murphy's eye near the tip to circumvent any obstruction.



Product Ref. No.					
Size	Plain	Cuffed	Size	Plain	Cuffed
2.0	A091000100	-	6.5	A091000109	A090000109
2.5	A091000101	-	7.0	A091000110	A090000110
3.0	A091000102	-	7.5	A091000111	A090000111
3.5	A091000103	A090000103	8.0	A091000112	A090000112
4.0	A091000104	A090000104	8.5	A091000113	A090000113
4.5	A091000105	A090000105	9.0	A091000114	A090000114
5.0	A091000106	A090000106	9.5	A091000115	A090000115
5.5	A091000107	A090000107	10.0	A091000116	A090000116
6.0	A091000108	A090000108			

## Reinforced Endotracheal Tube (Plain/Cuffed)

- Used to maintain a patent airway and mechanically ventilate patients
- Made from non-toxic, non-irritant medical grade PVC
- Uniform spiral metal-reinforced tube wall to prevent the tube from kinking
- Reinforcement supports tube position and verification during X-ray
- Accurate and safe positioning ensured by graduation marks and tip-to-tip radiopaque line
- High volume / low pressure cuff ensures efficient low pressure cuff seal (For cuffed tubes)
- Universal 15 mm connector at proximal end
- Recommended use of bite block / Guedel airway
- E.T.O sterile and pyrogen free. For single patient use



## Spinal Needle

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- Aggressive anaesthetic distribution upon injection
- Available in Quincke Point & Pencil Point
- Sizes: – 16 G to 27 G x 3.5”(90 mm) needle length



Pencil Point



Quincke Point



# Surgery & Drainage System

## Yankauer Suction Set

- Moulded Yankauer suction handle with flexible kink resistant tube.
- Used for removal of secretions and blood peri-operatively by providing unobstructed suction during prolonged use.
- Soft flexible adaptors at both ends of the tube provide safe grip to the handle as well as suction source.
- Suitable for use with or without vent control facility.
- Vent port is closed with tight fit sleeve, which can be removed by small incision to shift to vent control system.
- Tube Length 250 cm (2.5 meter).
- Available in Standard Tip & Crown Tip.



Standard Tip Crown Tip

Product Code :  
S010000100 (Standard Tip)  
S011000100 (Crown Tip)

## Ma skin Stapler

### Skin Stapler

- Simple and reasonable design, easy to operate. Staples are made of High Quality Stainless Steel for medical use.
- High sewing up and stapling speed help to shorten the time of sewing and avoid the cross infection of many contagious diseases.
- Angled head design provides a clear view to ensure precise staple placement. Also angle head design helps the staple to enter easily into the tissues.
- Painless and convenient while removing staples after the operation incision healed up.
- Be applicable for closing skin wounds
- Stapler handle design gives good texture to the product and provides good comfort to the surgeons hand
- Lesser Trauma to the patients
- Better cosmetic effect



Product Code :  
S020010100

# Urology

## Foley Catheter

- Used for short/long term urine drainage
- Made up of latex bonded with silicone elastomer which eliminates the risk of encrustation
- Distal end is coned, smooth, and burr free eyes for a traumatic intubation.
- Provided with symmetrical large capacity balloon that ensures straight tip for proper urine flow and good sphincter action, preventing bladder leakage.
- High strength polymer layer in the middle of the catheter ensures wider inner diameter and hence high flow rate
- Smooth eye, ultra thin highly elastic balloon and hard non-return valve for trouble free inflation and deflation
- Valve is colour coded for instant size identification.



Specifications							
Type	Ch/FR	Colour	Outer Dia (mm) ±0.33mm	Capacity of balloon (ml)	Total Length (mm) Minimum	Flow Rate (ml/min.) Minimum	Product Ref. No.
2-Way (Pediatrics)	6	Blue	2.0	1.5-3	220	10	U031030106
	8	Black	2.7	3-5	220	15	U031030108
	10	Grey	3.3		220	30	U031030110
	12	White	4.0	5-15	360	50	U031030112
2-Way (Adult)	14	Green	4.7	15-30	360	70	U031030114
	16	Orange	5.3		360	100	U031030116
	18	Red	6.0	30-50	360	100	U031030118
	20	Yellow	6.7		360	100	U031030120
	22	Purple	7.3		360	100	U031030122
	24	Sky Blue	8.0		360	100	U031030124
	26	Pink	8.7		360	100	U031030126
	28	Brown	9.7		360	100	U031030128
	30	Grey	10		360	100	U031030130
	16	Orange	5.3		360	100	U032030116
	18	Red	6.0		360	100	U032030118
	20	Yellow	6.7		360	100	U032030120
	22	Purple	7.3		360	100	U032030122
3-Way (Adult)	24	Sky Blue	8.0		360	100	U032030124
	26	Pink	8.7		360	100	U032030126
	28	Brown	9.7		360	100	U032030128
	30	Grey	10		360	100	U032030130

# Renal Care

## Hemodialysis Catheter

### Features

1. Flexible polyurethane material
2. Rotatable suture hub
3. Single dilator with gradually varied O.D
- 4 Anti Kink, Leakage Proof
5. Sterile, individually packed

### Kit Contents

- Radio-opaque polyurethane Hemodialysis catheter
- J/St tip ninitol guide wire with advancer & extra soft tip
- Disposable Syringe 5ml with extra clear visibility
- Guiding Syringes 5ml allows insertion through syringe plunger
- Injection Caps
- Easy to use 11# scalpel blade
- Drape Sheet
- Introducer needle that offers Quick & smooth insertion
- Long tapered tip dilator with stopper to avoid over insertion
- Surgical Suture
- Patient ID card

### Specifications

Double Lumen	11.5Fr x 13cm (Curved)
	11.5Fr x 15cm (Straight)
Triple Lumen	12Fr x 13cm (Curved)
	12Fr x 15cm (Straight)



# Endoscopic

## Mais Ligation Clips

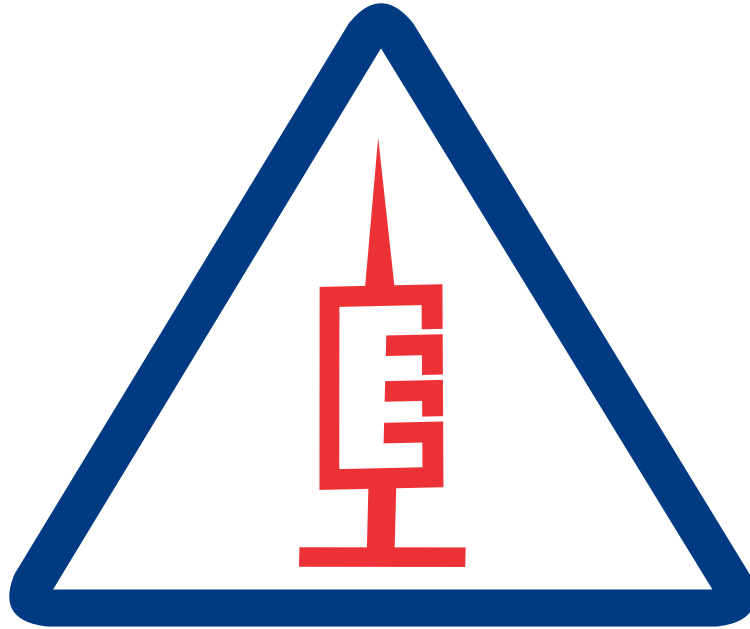
### Endoscopic Ligation Clips (Titanium)

- Mais Ligation Clips are Sterile, single-patient-use clips manufactured from high quality titanium.
- The V-shaped clip designed for ligation of tubular structures.
- Supplied sterile and are used for ligation of organs and vessels in laparoscopic as well as open surgery.
- Appliers are available in a wide variety of jaw types and Applier lengths.
- Pure Titanium providing maximum vessel occlusion and zero memory preventing tip opening after application.
- Biologically inert radiolucent and non-magnetic for use with MRI scanning equipment.
- Open Appliers colour coded for ease of identification 45cm Endoscopic Appliers for Bariatric surgery offering extended reach

### Endoscopic Ligation Clips (Polymer)

- Ligation Clips are made of non-absorbable polymer, inert, non-toxic and well tolerated by the body, highly resistant in time.
- Flexible design of the arms to allow 'optimal fit on vessels.
- Flexible hinge that allows easy opening and closing.
- Integrated teeth to ensure greater stability and prevent slippage on the tissue.
- Distinct tactile feedback confirms jaw seating and secure vessel placement.
- Bosses are designed to securely retain clip in applier jaws.
- Applicators for open and endoscopic surgery equipped with precision anchoring system that allows clips to remain stable without risk of accidental loss.
- Loaders and applicators with code colour for easy identification.
- Non-Absorbable polymer is inert, nonconductive, radiolucent and does not interfere with CT, MRI, or X-ray diagnostics.





A SYSMECH - MAIS JOINT VENTURE

# **Mais India**

*The health care specialist*

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