

Invent Bio-med Pvt. Ltd.

PRODUCT CATALOGUE



VASCULAR INTERVENTIONAL RETRIEVAL DEVICES



Invent Bio-med Pvt. Ltd.

Invention Enhances Life...

An ISO 9001-2008, ISO 13485-2003 Certified Company

COMPANY INTRODUCTION



◆ Invent Bio-med Pvt. Ltd.

Invent Bio-Med a dream project conceived by group of dedicated people to add feather in acap of India's growing economic boom by inaugurating its state of the art medical device manufacturing facility.

Invent Bio Med is located at Sachin, Near Surat approximately 250 Kilometers from Mumbai, financial capital of India easily approachable by road, rail and air, this area is marked as special economic zone.

Invent Bio-Med has clean room area of three categories viz.

Class 100, Class 10,000, Class 100,000.

This world class facility is capable of producing various medical devices and drug coated stents for Interventional Cardiology.

**CERTIFICATE OF CONFORMITY
WITH EUROPEAN DIRECTIVE**

Nemko
Certificate No.: EU 0801422
Order No.: 100017

CE 0470

Manufacturer: **Invent Bio-Med Pvt. Ltd.**
108, Surat Special Economic Zone,
Diamond Park, G. I. D. C.,
Sachin, Gujarat 394 230
India

Device category: **VASCULAR INTERVENTIONAL MEDICAL DEVICE**

Appendix 1 - Page 1 of 1
This certificate referred to above includes the following devices / models:

	GMDN Code:
* Pressure Monitoring Line	34931
* Angiography / PTCA Guide Wire	38094
* Vascular Retrieval GRASP Snare and Basket	17927
* 52ml Control Device	31667
* Advance Guide Wire Introducer	17849
* 3 way Stopcock & 2 port/3 port manifold	33213

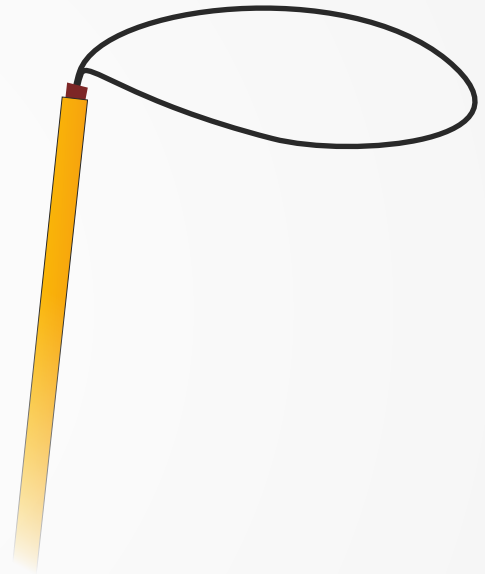
Date of issue: 18th January 2008
Date of Verification: 18th January 2008

Signature: *Sven Gråhnsedt*
Signature: *Frank Skarpeno*

Signature: **Sven Gråhnsedt**
Signature: **Frank Skarpeno**

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GRASP MICROSNARE

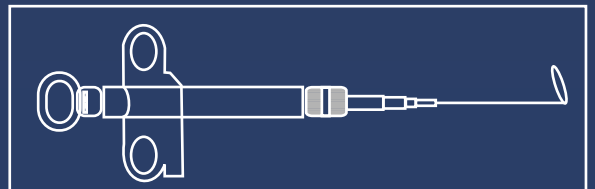


CE
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Features

- Radio Opaque Snare loop, 90° to the shaft
- Shaft Highly Elastic, Flexible, Kink Resistance Nitinol alloy made.
- Coated by smooth and uniform polyamide tubing
- Sheath- Buffered Tip (Atroumatic Tip)
- Snare Nitinol Made
- Wire Stain less steel
- Palm control Plunger poly vinylchloride made.

Illustration



Ordering Information

Cat Code	Loop Dia/Length	Snare length(cm)	Snare Shaft (cm)	Shaft Size
110101	2 mm / 10 mm	150	140	3F
110102	4 mm / 15 mm	150	140	3F
110103	7 mm / 20 mm	150	140	3F
110104	2 mm / 10 mm	150	140	4F
110105	4 mm / 15 mm	150	140	4F
110106	7 mm / 20 mm	150	140	4F





DISTAL WIRE GRAB METHOD

Secondary Method

- Select the appropriate size microsnare for the location in which the stent is located. In general, the microsnare loop should approximate the size of the vessel in which it will be used.
- Assemble the microsnare device, as per “Instructions given”.
- Remove the indwelling balloon or delivery catheter, if present. It may be necessary to change or extend the indwelling guidewire to facilitate balloon removal, and to up-size the indwelling guide catheter/sheath to accommodate the 3 french microsnare catheter.
- Introduce and position a second guidewire adjacent to the stent, and distal to the originally placed guidewire.
- Place the microsnare loop over the proximal end of the second guidewire wire, and clinch until just snug by pulling the proximal end of the microsnare shaft.
- Advance the microsnare, distal end first, into the guide catheter or sheath until the distal end of the microcatheter is positioned distal to the stent and the original guidewire.
- Push the microsnare shaft forward gently to completely open the loop, move the microsnare (shaft and microcatheter as a single unit) proximally to snare the distal end of the original indwelling guidewire.
- By advancing the microcatheter, close the loop of the microsnare to grab the original guidewire.
- Maintain tension on the microcatheter and move the microsnare (shaft and microcatheter as one unit) and both guidewires proximally to or into the guide catheter or sheath. The stent is then withdrawn through or together with the guiding catheter in vascular sheath.

Note: Only the loop of the microsnare is placed over the wire.

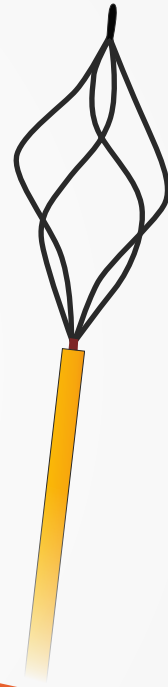
PROXIMAL GRAB METHOD



Primary Method

- Select the appropriate size microsnare for the location in which the stent is located. In general, the microsnare loop should approximate the size of the vessel in which it will be used.
 - Assemble the microsnare device, as per “Instructions given”.
 - Remove the indwelling balloon or delivery catheter, if present. It may be necessary to change or extend the indwelling guidewire to facilitate balloon removal, and to size the indwelling guide catheter/sheath to accommodate the 3 french microsnare catheter.
 - Place the microsnare loop over the proximal end of the second guidewire and clinch until just snug by pulling the proximal end of the microsnare shaft.
 - Push the microsnare shaft forward gently to completely open the loop, Move the microsnare (shaft and microcatheter as a single unit) proximally to snare the distal end of the original indwelling guidewire.
 - By advancing the microcatheter, the loop of the microsnare is closed to grab the stent.
Note: Attempting to close the loop by pulling the microsnare within the microcatheter will move the loop from its position around the stent
 - Maintain tension on the microcatheter and move the microsnare and microcatheter together (proximally) to or into the guide catheter or sheath. The stent is then withdrawn through or together with the guiding catheter in vascular sheath.
 - Note: Wire coil stents will likely unravel during retrieval.
 - If no guidewire is present, steps three and four may not be appropriate
- Note: Only the loop of the microsnare is placed over the wire.
- Advance the microsnare, distal end first, into the guide catheter or sheath until the distal end of the microcatheter is positioned distal to the stent and the original guidewire.

GRASP BASKET

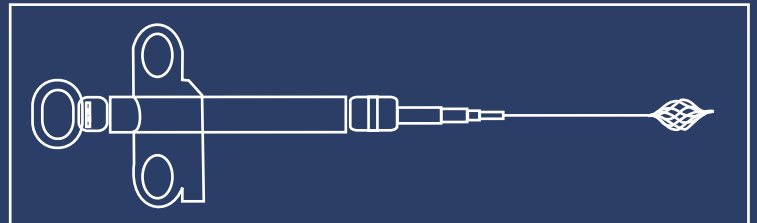


Features

- Radio opaque helical loop Basket 3F/4F.
- Easy manoeuvrability.
- Kink Resistant Shaft.
- Palm & Finger Control Grip.
- Excellent Shape memory.
- Super elastic property of nitinol.
- Sheath- Buffered Tip (Atraumatic Tip)
- Palm control Plunger poly vinylchloride made.



illustration



Ordering Information

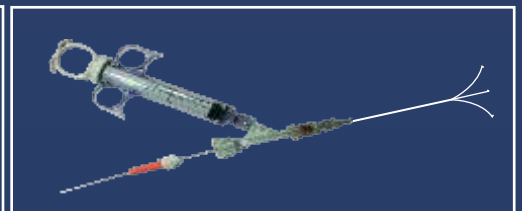
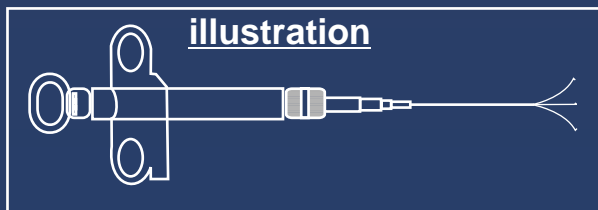
Cat Code	Loop Dia/Length	Basket length(cm)	Basket Shaft (cm)	Shaft Size
110201	4 / 20 mm	150	140	3F
110202	6 / 29 mm	150	140	3F
110203	8 / 29 mm	150	140	3F
110204	4 / 20 mm	150	140	4F
110205	6 / 29 mm	150	140	4F
110206	8 / 29 mm	150	140	4F

GRASP MICROGRAPER

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Features

- Radio opaque snare loop 90° to the Shaft.
- Coated by smooth and uniform polyamide tubing
- Sheath- Buffed Tip (Atroumatic Tip)
- Shape memory, super elastic properties , kink resistant.
- Best retrieval of a free particle with thin end by side grap technique



Ordering Information

Cat Code	Loop Dia/Length	Snare length(cm)	Snare Shaft (cm)	Shaft Size
220101	2 mm / 10 mm	150	140	3F
220102	4 mm / 15 mm	150	140	3F
220103	7 mm / 20 mm	150	140	3F
220104	2 mm / 10 mm	150	140	4F
220105	4 mm / 15 mm	150	140	4F
220106	7 mm / 20 mm	150	140	4F

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Invent Bio-ed Pvt. Ltd.

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Not available for sale in United States

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