

## SHARP INNOVATION INJECTION NEEDLE

A simple, elegant solution, the 5 mm and 3 mm long lancet Injection Needles are offered in 22 and 25 gauge. Designed for single-handed operation, the innovative design limits accidental needle deployment during insertion and removal. The patented ratchet mechanism provides audible confirmation of deployment and minimizes needle bounce. A quick release button returns the needle fully into the sheath. The recessed metal end cap and firm catheter aid in tissue puncture and ensure needle performance through various scope positions.



## KEY BENEFITS

### PATENTED RATCHET DESIGN

Provides audible confirmation and secure locking of the deployed needle during use. As the needle is advanced, the ratchet gives tactile feedback and helps to reduce needle bounce.

### TARGET TISSUE DEPTH

With the shorter needle tip, PinPoint helps to consistently target the submucosal space. The 3 mm projection is sufficient to reach the submucosa in even the thickest intestinal tissue.

### SHORT BEVEL TIP

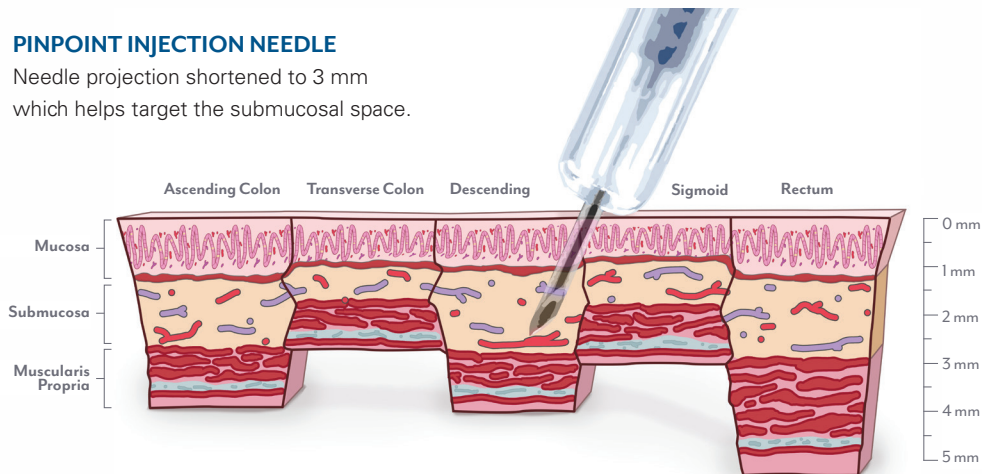
Both the 5 mm and 3 mm needles feature a shorter three-bevel tip, designed to improve accuracy. The 3 mm PinPoint needle was designed to help target the submucosal space while the 5 mm allows for greater flexibility in therapeutic use.

### ONE-HANDED OPERATION

Ergonomically designed one-handed operation enables confident needle deployment and rapid needle retraction.

### PINPOINT INJECTION NEEDLE

Needle projection shortened to 3 mm which helps target the submucosal space.



\*Tissue depth representative of thickest tissue recored in study, *Echoendoscopic characterization of the human colon*, Fernando M. Castro-Poças, Mário Dinis-Ribeiro, Tarcisio P. Araújo and Isabel Pedroto

## SPECIFICATIONS

### INJECTION NEEDLES STERILE ②

Order Number	Description	Needles Gauge/ Length (mm)	Sheath Diameter (mm)	Working Length (cm)	Minimum Channel Size (mm)	Package Units
IN33131	Injection Needle Upper	22/5	2.3	180	2.8	10/Box
IN33221	Injection Needle Upper	25/5	2.3	180	2.8	10/Box
IN33151	Injection Needle Lower	22/5	2.3	230	2.8	10/Box
IN33241	Injection Needle Lower	25/5	2.3	230	2.8	10/Box
IN33301	PinPoint Injection Needle Lower	22/3	2.3	230	2.8	10/Box
IN33331	PinPoint Injection Needle Lower	25/3	2.3	230	2.8	10/Box

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Ann Arbor, MI 48104  
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