Captivator™ EMR Device



The Captivator EMR Device is specifically designed for ligation-assisted Endoscopic Mucosal Resection (EMR) of the Upper Gastrointestinal (GI) tract



"A device specifically designed for EMR may lead to greater overall efficiency in regards to optimal visualization and device exchange as well as providing a way to consistently handle tissue."

Dr. Ram Chuttani,
 Beth Israel Deaconess Medical Center

This is EMR.



Kit Components

Captivator™**EMR**

Endoscopic Mucosal Resection Device



Captivator EMR Band Ligator

Designed to achieve 360 degree peripheral viewing without obstructions due to the ligator bands, includes 6 bands





better specimen handling

Importance of EMR

Captivator™**EMR**

Endoscopic Mucosal Resection Device

Endoscopic management of Barrett's Esophagus may help reduce the potential for an invasive and costly surgical esophagectomy.

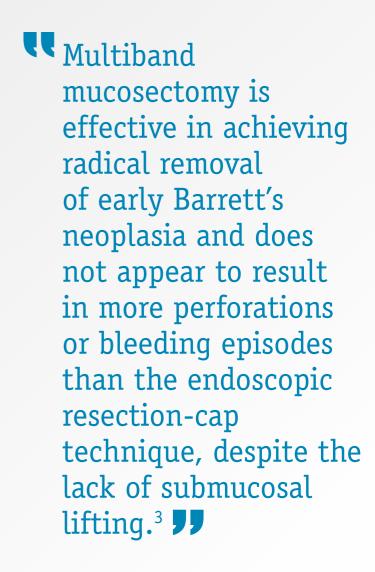
The Captivator EMR Device provides potential clinical, economic, efficiency, and patient satisfaction benefits for EMR procedures:

- Delivers a minimally invasive device, for use in the treatment of patients requiring EMR, including Barrett's Esophagus and Esophegeal Adenocarcinoma
- Offers significant visualization improvements over other EMR devices with 360 degree unobstructed peripheral viewing
- Designed to help improve physician control in band deployment, tissue capture and complication management with device in place.
- Offers potential for improved pathology handling, with included pathology kit, which may provide the user with greater convenience.
- May help to generate time savings in both establishing visualization and managing complications

The EMR procedure is the only endoscopic modality which serves the dual function of curative potential and provision of more accurate histological staging.¹

Endoscopic management strategies for Barrett's esophagus²

| <u>'</u> | | | | | |
|---|--|--|--|--|--|
| Histology | Intervention Options | | | | |
| Non-Dysplastic Barrett's Esophagus (NDBE) | Consider no surveillance. If surveillance is elected, perform EGD every 3-5 years with 4-quadrant biopsies every 2 cm. Consider endoscopic ablation in select cases. | | | | |
| Indeterminate Grade Dysplasia (IGD) | Clarify presence and grade of dysplasia with expert GI pathologist. Increase antisecretory therapy to eliminate esophageal inflammation. Repeat EGD and biopsy to clarify dysplasia status. | | | | |
| Low Grade Dysplasia (LGD) | Confirm with expert GI pathologist. Repeat EGD in 6 months to confirm LGD. Surveillance EGD every year, 4-quadrant biopsies every 1-2 cm. Consider EMR or ablation. | | | | |
| High Grade Dysplasia (HGD) | Confirm with expert GI pathologist. Consider surveillance EGD every 3 months in select patients, 4-quadrant biopsies every 1 cm. Consider EMR or RFA ablation. Consider EUS for local staging and lymphadenopathy. Consider surgical consultation. | | | | |
| "A distinct advantage of EMR over ablative therapy is the availability of large tissue specimens for pathologic examination and cancer staging." ² | | | | | |
| Esophageal Adenocarcinoma (EAC) | EMR is indicated for shorter segment dysplastic BE, nodular dysplasia, superficial (T1a) EAC, and esophageal squamous cell carcinoma (ESC). EMR as an eradication technique for HGD and EAC is successful in 91% to 98% of T1a cancers. | | | | |





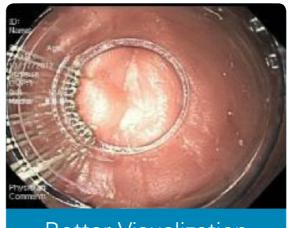
Endoscopic Mucosal Resection Device

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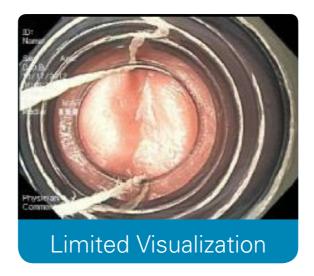
Optimal Visualization

The Captivator EMR Band Ligator cap is designed to achieve 360 degree peripheral viewing without obstructions due to the ligator bands

- Clear visualization plays an important role in the procedure
- Captivator EMR Device allows the physician to see and assess the tissue/lesion when the EMR device is in place and to see tissue during suction



Better Visualization



When combining the visualization through the opening and the plastic of the cap, the Captivator **EMR Device allows** visualization of 90% of the endoscopic view directly after mounting the device.4

With Cook Duette® Multi-Band Mucosectomy device, visualization of 90% is not reached until releasing 4 of the 6 rubber bands.4

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Complication Management

The Captivator EMR Device offers the ability to manage complications with the device in place

- The types of potential complications during an EMR procedure may include both bleeding and perforation.*
- About 40% of patients who undergo EMR have minor interprocedural bleeding that can be treated endoscopically.3
- Injection needle can be used for submucosal injection, which may help the physician to assess signs of non-lifting, or to help assess invasion and/or fibrosis

[†]The Captivator EMR device is compatible with 7Fr devices such as the Interject[™] Injection Therapy Needle Catheter and the Resolution[™] Clip



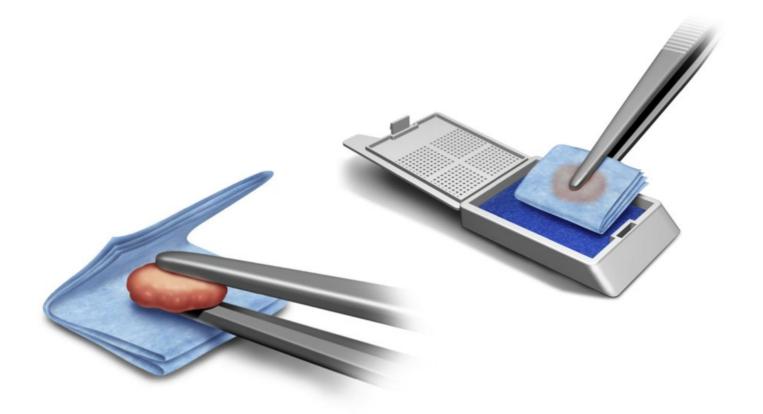




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Consistent and Optimal Tissue Handling

The Captivator EMR pathology kit is included to aid in histological processing of retrieved tissue samples which may allow for better specimen handling.



Because EMR specimens are larger than biopsy samples, it is helpful for pathologic interpretation to orient and mount the specimen before submerging it in fixative.⁵

Economic Value

The Captivator EMR device offers clinicians the ability to manage complications with the device in place

Less time spent switching out devices and less likelihood of needing a 2nd scope and device during the procedure.
 A potential cost savings of \$290 per case*

The Captivator EMR device is designed to achieve 360° peripheral viewing without obstructions

 Offers an efficient way to visualize a complication and may allow more rapid treatment of the complication during the same procedure.

Includes a pathology kit, to incorporate the latest clinical thinking in the handling of specimens and may provide added convenience for endoscopists and pathologists

| | Esophagectomy | EMR |
|-----------------------------------|---------------|------------|
| 2012 Mean Medicare Hospital Costs | \$49,792 | \$2,297 |
| 2012 Mean Medicare Payment | \$30,040 | \$1,776 |
| Length of Stay (days) | 12.9 | Outpatient |

Delivers a minimally invasive treatment option for patients with Barrett's Esophagus and appears to be less costly to the hospital on a per procedure basis and may be associated with a shorter length of stay versus esophagectomy.⁶

^{*}Assumes \$250 replacement device cost and \$40 scope reprocessing cost



Ordering Information - Captivator EMR

Captivator™ **EMR**Endoscopic Mucosal Resection Device

Scope Compatibility

1 of 3

Our Standard Kit (M00561600) is designed to be compatible with gastroscopes with a physical dimension at the distal end of 9.0mm – 9.9mm. While most diagnostic gastroscopes (2.8mm working channel) will fit these dimensions, it is important to verify with the scopes at your hospital.

Our Large Kit (M00561610) is designed to be compatible with gastroscopes with a physical dimension at the distal end of 11.3mm – 11.6mm. While most therapeutic gastroscopes (3.7mm working channel) will fit these dimensions, it is important to verify with the scopes at your hospital.

Captivator EMR Product Codes

| Captivator EMR Device | | | | | | |
|-----------------------|----------------|---|-------|--|--|--|
| Order Number | GTIN | Product Description | Unit | | | |
| M005 6160 0 | 08714729842675 | Captivator EMR Device for Standard Gastroscopes | Box 1 | | | |
| M005 6160 1 | 08714729842682 | Captivator EMR Device for Standard Gastroscopes | Box 5 | | | |
| M005 6161 0 | 08714729842699 | Captivator EMR Device for Large Gastroscopes | Box 1 | | | |
| M005 6161 1 | 08714729842705 | Captivator EMR Device for Large Gastroscopes | Box 5 | | | |



Reimbursement and Ordering Information

| Resolution™ Clip | |
|------------------|---|
| CPT Code | Code Description |
| 43254 | EGD, Endoscopic Mucosal Resection (EMR) |
| 43211 | Esophagoscopy, Endoscopic Mucosal Resection (EMR) |

Note: Payer policies will vary and should be verified to treatment for limitations on diagnosis, coding or site of service requirements. The coding option listed within this guide is commonly used but is not intended to be all inclusive. We recommend consulting your relevant manuals for appropriate coding options.



Ordering Information - Complementary Devices

Captivator™**EMR**

Endoscopic Mucosal Resection Device

Resolution[™] Clip Product Codes

| 2 | of | 3 | |
|---|----|---|--|
| | | | |

| Resolution Clip | | | | | |
|--------------------|----------------|---------------------|---------------------------------|----------------------|--------|
| Order Number | GTIN | Working Length (cm) | Minimum Working Channel (mm) | Clip Opening (mm) | Unit |
| M005 2260 0 | 08714729504764 | 155 | 2.8 | 11 | Each |
| M005 2260 1 | 08714729504771 | 155 | 2.8 | 11 | Box 10 |
| M005 2260 2 | 08714729504788 | 155 | 2.8 | 11 | Box 20 |
| M005 2261 0 | 08714729504795 | 235 | 2.8 | 11 | Each |
| M005 2261 1 | 08714729504801 | 235 | 2.8 | 11 | Box 10 |
| M005 2261 2 | 08714729504818 | 235 | 2.8 | 11 | Box 20 |



Ordering Information -Complementary Devices

Captivator™**EMR Endoscopic Mucosal Resection Device**

Interject™ Injection Therapy Needle Catheter Product Codes

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| Interject Contrast Single-Use Injection Therapy Needle Catheters* | | | | | | | | |
|---|----------------|------------------|-----------------|---|---------------------|---------------------|-------|--|
| Order Number | GTIN | Sheath Design | Needle Gauge | Maximum Needle Extension Length (mm) | Sheath O.D. (mm) | Working Length (cm) | Unit | |
| M005 1815 1 | 08714729296430 | Contrast | 23 | 4 | 1.8 | 200 | Box 5 | |
| M005 1816 1 | 08714729296447 | Contrast | 25 | 4 | 1.8 | 200 | Box 5 | |
| M005 1825 1 | 08714729296478 | Contrast | 23 | 6 | 1.8 | 200 | Box 5 | |
| M005 1826 1 | 08714729296485 | Contrast | 25 | 6 | 1.8 | 200 | Box 5 | |
| M005 1835 1 | 08714729296522 | Contrast | 23 | 4 | 2.3 | 240 | Box 5 | |
| M005 1836 1 | 08714729296539 | Contrast | 25 | 4 | 2.3 | 240 | Box 5 | |

^{*}With Star Catheter™ Technology.



| Interject Clear Single-Use Injection Therapy Needle Catheters* | | | | | | | |
|--|----------------|-------|----|---|-----|-----|-------|
| M005 1810 1 | 08714729296416 | Clear | 23 | 4 | 1.8 | 200 | Box 5 |
| M005 1811 1 | 08714729296423 | Clear | 25 | 4 | 1.8 | 200 | Box 5 |
| M005 1830 1 | 08714729296508 | Clear | 23 | 4 | 2.3 | 240 | Box 5 |
| M005 1831 1 | 08714729296515 | Clear | 25 | 4 | 2.3 | 240 | Box 5 |

^{*}With Star Catheter™ Technology.



Endoscopic Mucosal Resection Device









Features



References

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- 2. ASGE, The role of endoscopy in Barrett's esophagus and other premalignant conditions of the esophagus. *Gastrointestinal Endoscopy*, 2012 76(6)
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- 4. Schölvinck, D.W., Belghazi, K., Pouw, R.E., Curvers, W.L., Wuesten, B.L.A.M., Bergman, J.J.G.H.M., In vitro assessment of the performance of a new multiband mucosectomy device for endoscopic resection of early upper gastrointestinal neoplasia. *Surg Endosc*, 2015
- 5. ASGE Technology Committee, Hwang, J.H. MD, PhD, FASGE, et al. Endoscopic mucosal resection. *Gastrointestinal Endoscopy*, 2015; 82 (2)
- 6. 1 Datasource: Medicare's MedPar 2012 and Medicare's OPPS 2012 (Outpatient Prospective Payment System) files

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Indications, Contraindications, Warnings and Instructions for Use can be found in the product labeling supplied with each device.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.



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Boston Scientific Corporation 300 Boston Scientific Way Marlborough, MA 01752-1234 www.bostonscientific.com/gastro

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