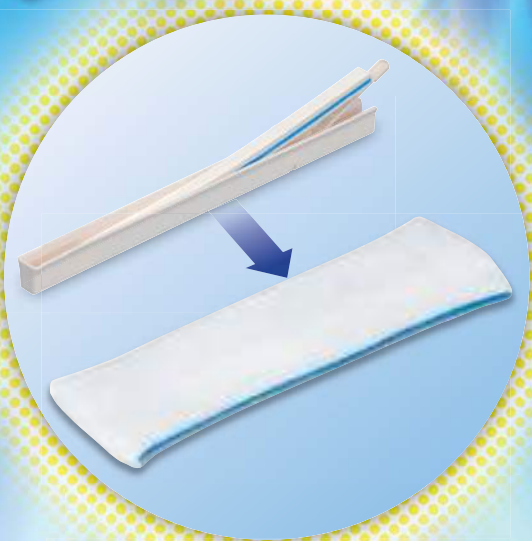
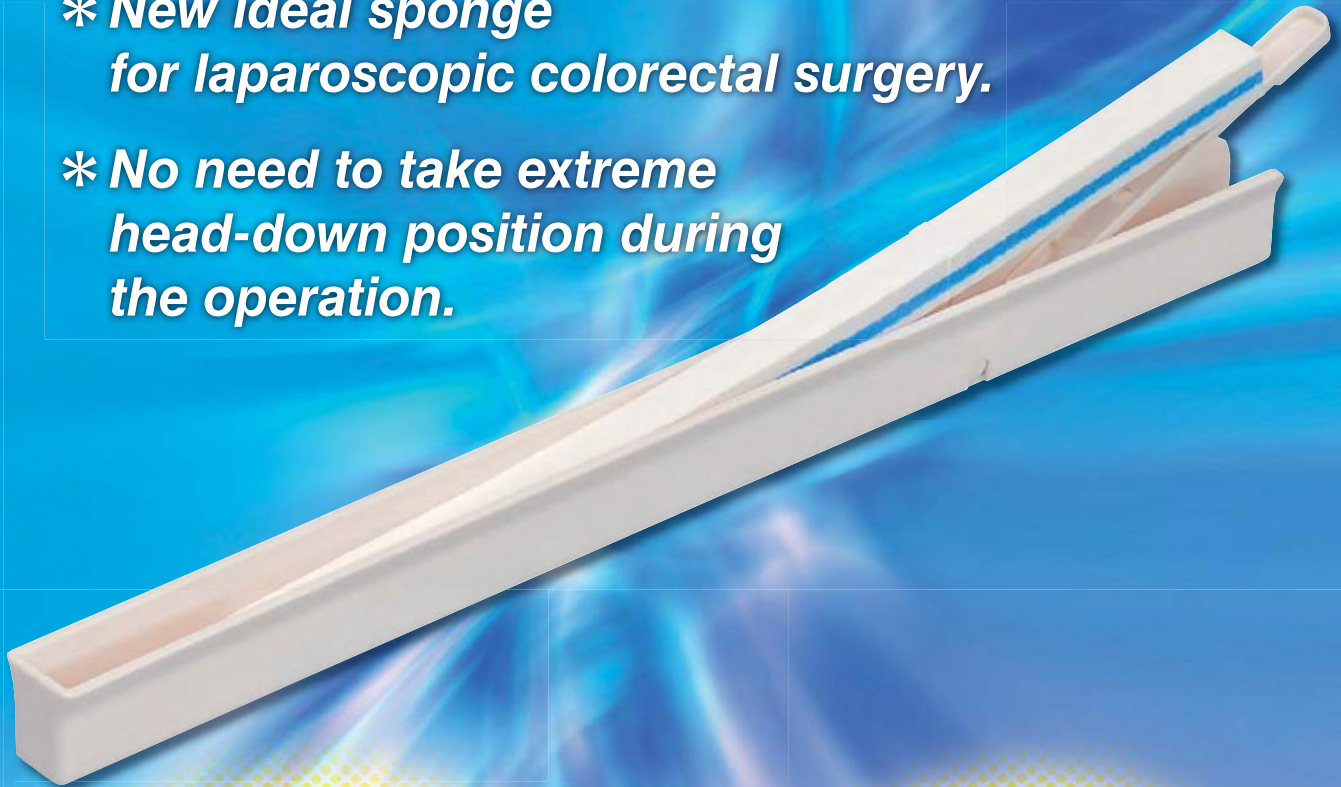


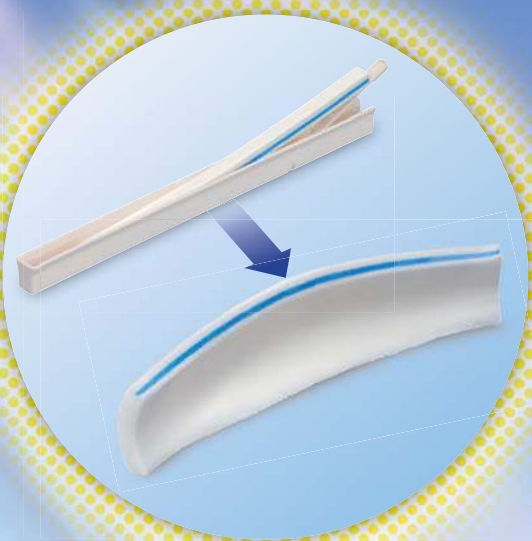
**Brand New Retractor**

# ENDORACTOR®

- \* New ideal sponge for laparoscopic colorectal surgery.
- \* No need to take extreme head-down position during the operation.



**ENDORACTOR.**  
24cm



**ENDORACTOR.**  
**Type J** 20cm

## Features

### No need of removing organs by an extreme head down position

"ENDORACTOR<sup>®</sup>" enables the surgery in a nearly horizontal position and reduce the risk.

### Reduce stress of surgeons from descent of organs

Using "ENDORACTOR<sup>®</sup>" secures a good surgical field during operation once excluded and reduce the stress of surgeons.

### Enables wide range exclusion of organs

Swells approximately 9 times.

### Reduce risk of damage of organs

Less tissue trauma made from cellulose material and reduce risk of damage of organs compared to other retractors.

### X-ray detectable

Reduce risk of internal residue.



### Wide center & curvature design makes effective exclusion of the small intestine. (for Type J 20cm)

## Description

### ENDORACTOR<sup>®</sup> 24cm

Size : 240mm×8mm×8mm



Before swelling



Size : 260mm×72mm×8mm



After swelling

### ENDORACTOR<sup>®</sup> Type J 20cm

Size : 200mm×8mm×8mm

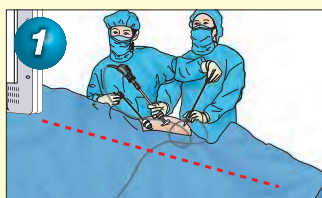


Size : 210mm×(60/40)mm×8mm

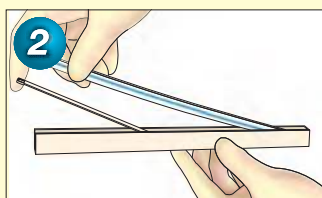


Material : Sponge (Cellulose 100%), X ray detectable agent (Polypropylene, Polyester, Barium Sulfate, Blue pigment)

## Use Procedure



1 Place a patient in a head-down position or other necessary position to exclude organs other than the target.



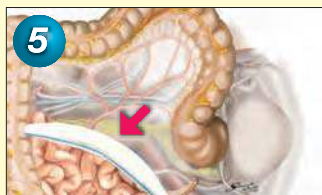
2 Take out the product from the sheath.



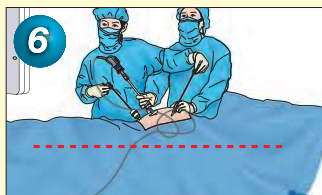
3 Insert the product from a trocar with diameter not less than 12mm.



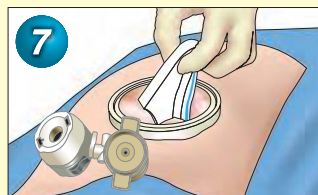
4 Place the product at an appropriate location.



5 Spray physiological saline to the product to swell, and exclude organs other than the target to secure the surgical field.



6 Return the patient's position to a nearly horizontal position and conduct a surgery.



7 Make a small incision and take out the product from the body cavity.

Code No.	Item	Spec.	Packing
088-480000-00	ENDORACTOR	24cm	1 pc/pack, 6 packs/box, 2 boxes/carton
088-480010-00	ENDORACTOR	Type J 20cm	1 pc/pack, 6 packs/box, 2 boxes/carton

MADE IN JAPAN

## KAWAMOTO CORPORATION

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