



### OLYMPUS 3. Milestone



### OLYMPUS 4. Business Overview



### OLYMPUS Medical Business (1)

Medical

<Gastrointestinal and Respiratory Business Unit>

- Gastrointestinal Video Endoscopes
- Bronchoscopes
- Endotherapy devices

### OLYMPUS Medical Business (2)

Medical

<General Surgery Business Unit>

- 4K Surgical Video Scope System
- 3D Surgical Videoscope
- Energy Device

### OLYMPUS Medical Business (3)

Medical

<Urology / Gynecology Business Unit>

- Flexible scopes
- Resectoscopes

<Ear, Nose and Throat Business Unit>

- Debridors

### OLYMPUS Scientific Solutions Business (1)

Life Science

<Life Science Field>

- Microscope System "BX3 Series"
- Research Inverted Microscope System "IX3 Series"
- Confocal Laser Scanning Microscopes "FLUOVIEW FV3000 Series"

**OLYMPUS** Scientific Solutions Business (2)

**Industrial**

- <Industrial Field>
  - Opto-digital Microscope  
"DSX Series"
  - Industrial Videoscope  
"IPLEX NX"
  - Ultrasonic Flaw Detector  
"EPOCH650"
  - Portable XRF Analyzers  
"DELTA Series"



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**OLYMPUS** Imaging Business (1)

**Imaging**

<Mirrorless Interchangeable-Lens Camera>



OM-D E-M1      OM-D E-M5 Mark II      PEN-F

OM-D E-M1 Mark 2

**OLYMPUS** Imaging Business (2)

**Imaging**

<Compact Digital Camera>

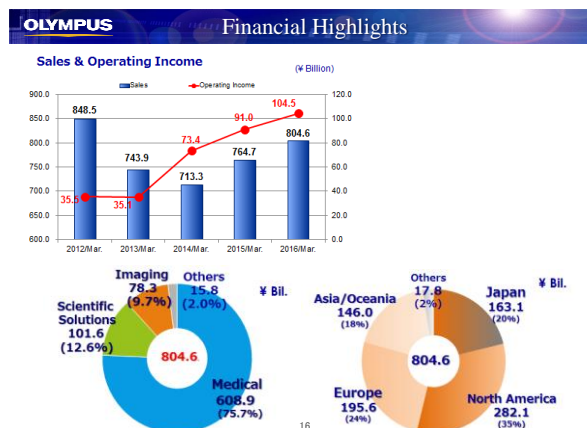


TG-4      TG-Tracker      SH-3

<IC Recorder>



LS-P2      DM-720      V-843



**OLYMPUS** 5. INNOVATION

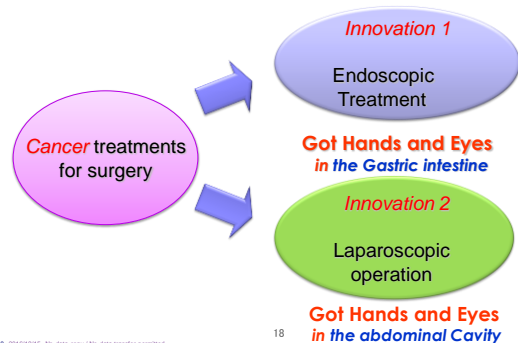
—内視鏡が起した消化管治療のイノベーション—

Development of Medical Devices  
-Innovation in the Digestive Tract Treatment realized by our Endoscope-

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**OLYMPUS** 5. INNOVATION

Two big innovations for Cancer Treatment



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## OLYMPUS 5. INNOVATION

### Innovation 1 Got Hands and Eyes in the Gastric intestine

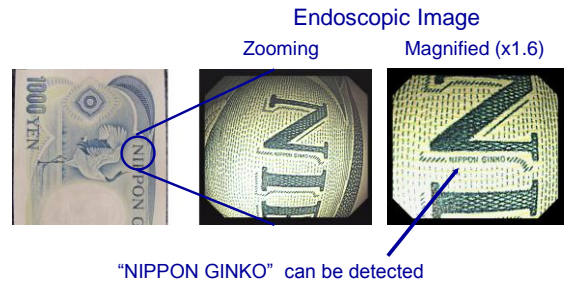
*Got Hands and Eyes in the GI area for contributing on finding the abnormality (cancer) and treatment in the earlier stage, without open the Gastric intestine.*



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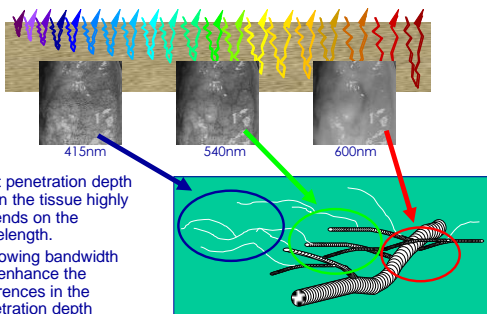
## OLYMPUS Improving the detection capability

How much detail, Endoscope can see (HD-TV System, 4K )



## OLYMPUS Improving the detection capability

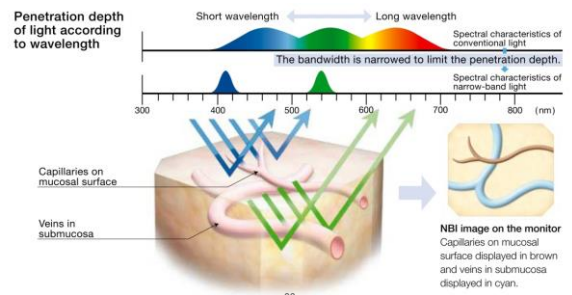
By using **the special light**, it could be more easy to detect the abnormalities.



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## OLYMPUS Improving the detection capability

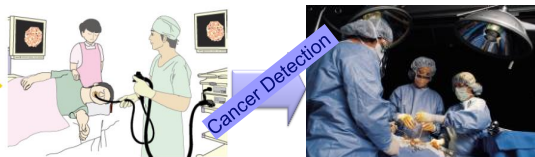
By using **the special light**, it could be more easy to detect the abnormalities.



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## OLYMPUS Minimally invasive procedure

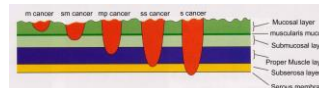
Open Surgery has needed for the abnormality, when it found.



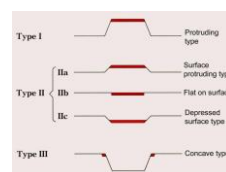
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## OLYMPUS Minimally invasive procedure

### Depth of cancer

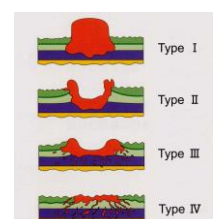


### Early stage cancer classification



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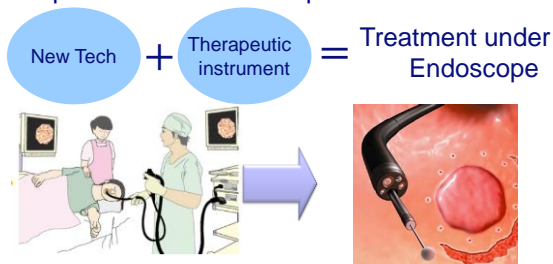
### Borrmann Classification





## OLYMPUS Minimally invasive procedure

### New procedure and technique



Without Open surgery, the early cancer can be removed by the Endoscopic procedure.

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## OLYMPUS Minimally invasive procedure

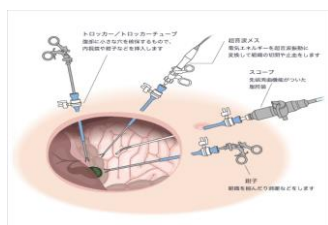


## OLYMPUS 5. INNOVATION

### Innovation 2 Got Hands and Eyes in the abdominal Cavity

#### Laparoscopic Surgery :

*Got Hands and Eyes in the abdominal Cavity for the operation (surgery) , without open the cavity.*

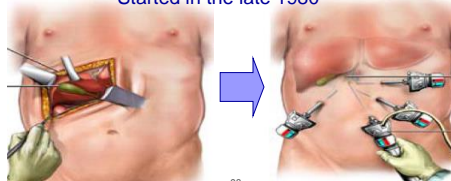


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## OLYMPUS Laparoscopic surgery

- ◆ Laparoscopic surgery, also called minimally invasive surgery (MIS), band-aid surgery, keyhole surgery is a modern surgical technique in which operations in the abdomen are performed through small incisions (usually 0.5–1.5 cm) as compared to the larger incisions needed in laparotomy.

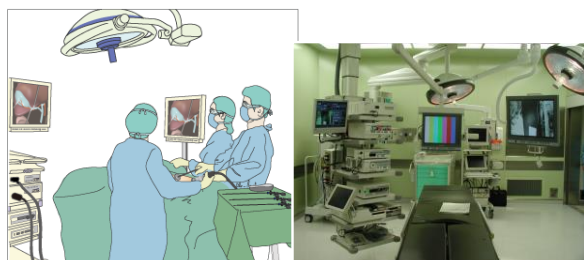
Started in the late 1980



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## OLYMPUS Laparoscopic surgery

### Operation theater



Drはモニターを見ながら鉗子を操作する手術

内視鏡下外科手術専用手術室

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## OLYMPUS Laparoscopic surgery

### Procedures are increasing

Through 2014, the number of laparoscopic procedures performed in the US will increase at a CAGR of about 5.1%. Patients prefer laparoscopy because the recovery time is shorter and pain and postoperative complications are reduced compared to open surgery.

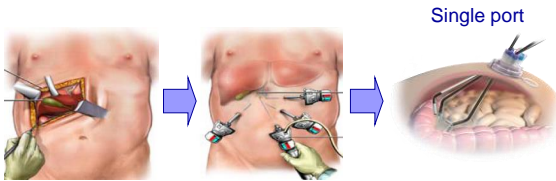


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## OLYMPUS Laparoscopic surgery

An advancement in Laparoscopic surgery

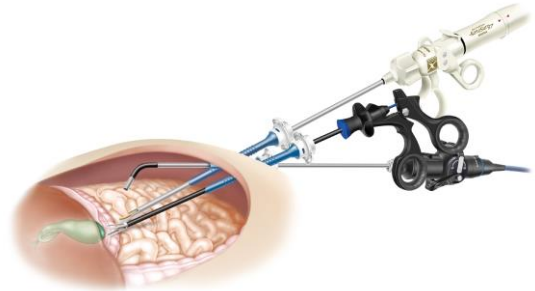
Reduce the incision is also our next target. LESS (Laparo Endoscopic Singlesite Surgery) is one idea



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## OLYMPUS Laparoscopic surgery

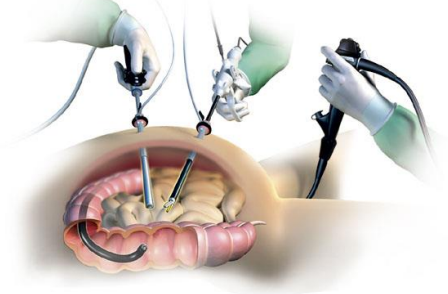
LESS (Single site Surgery)



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## OLYMPUS Laparoscopic surgery

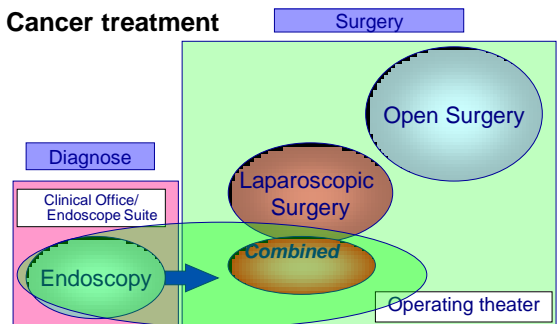
Combined Surgery



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## OLYMPUS 6. FUTURE

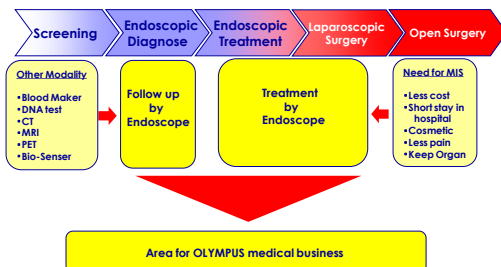
Cancer treatment



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## OLYMPUS 6. FUTURE

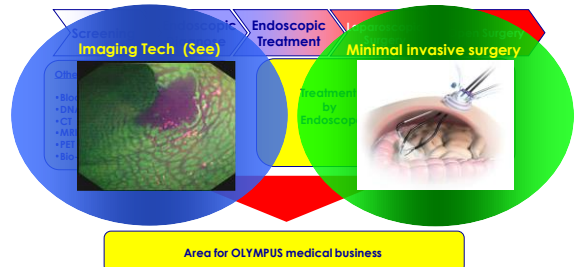
● Endoscope will remain as important medical device.



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## OLYMPUS 6. FUTURE

● Endoscope will remain as important medical device.



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