Early Diagnosis

**Examples of Endoscopic Examination** 

LCD Monitor

Video System Center

Supplies light for illumination and

The light guide fiber runs from the light source to the distal end to provide illumination inside the

# Olympus Largest Business Domain: from Early Diagnosis to Minimally Invasive Therapy

#### Minimally Invasive Therapy **Early Diagnosis** Diagnosis Biopsy/Collection Endoscopic therapy > Endoscopic surgery Detection General surgery **Magnifying endoscopes** Video endoscopy **Biopsy forceps** Surgical endoscopy Therapeutic energy **Endotherapy devices Ultrasound endoscopes Cytology brushes** systems systems devices

## Gastrointestinal Endoscopes / Endotherapy Devices

Air/Water Nozzle

Supplies water for cleaning the objective lens and air to

Light Guide Lens

Uses light from the light

source to illuminate the

Instrument Channel Outlet
Instruments for collecting tissue

or performing procedures enter through this channel as well as

- Olympus gastrointestinal endoscopes with 70% global market share can be used for both diagnosis and treatment.
- Olympus strengths lie in its leading-edge technologies and an ability to develop products that meet doctors' needs, such as Narrow Band Imaging (NBI).

Captures color images of the

stomach interior via objective

~ Air/Water Valve

Instrument

Channel Port

Angulation Control Knob

Adjust the angle of the

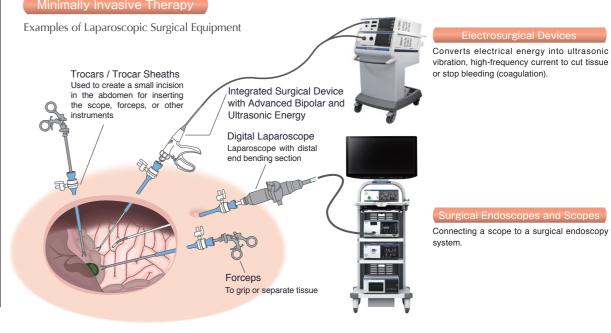
scope tip to view the

# Scope types Flexible Endoscopes Suitable for examination and treatment of Suitable for laparoscopic surgical procedures Minimally Inv Examples of Lapar Trocars / Used to come in the above in the



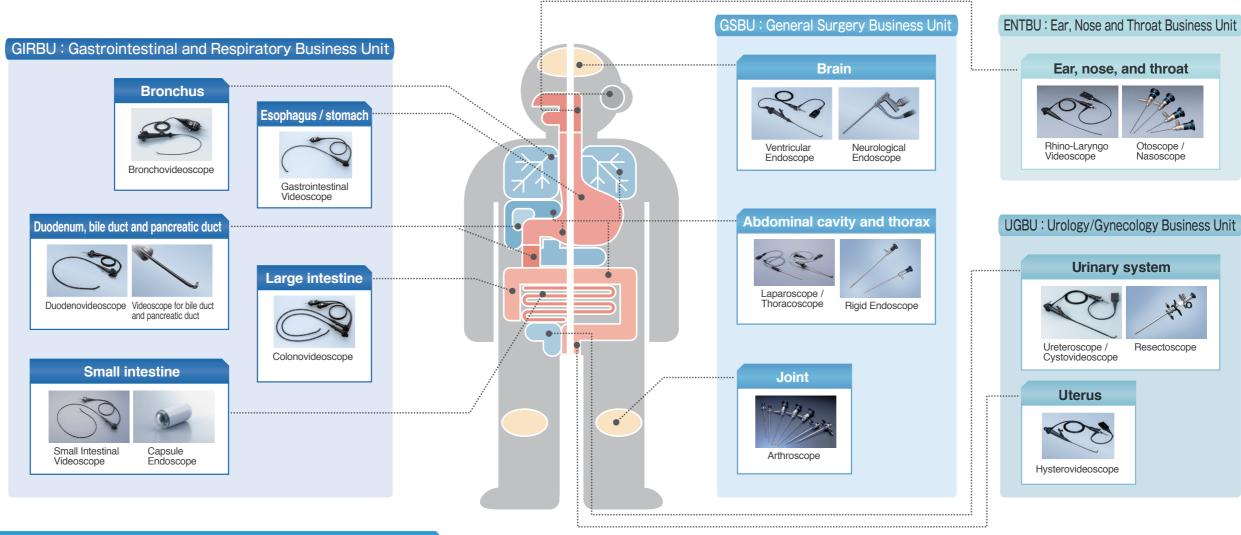
## Surgical devices

- •A comprehensive range of surgical products that extend from diagnosis to therapy based upon the technology for the development of Gastrointestinal Endoscopes.
- · Creating a new market for minimally invasive surgery using our new generation of THUNDERBEAT electrosurgical devices.



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# A range of endoscopes to suit different purposes and parts of the body



### Main scopes, surgical and endotherapy device ranges for each BU

BU	Scopes	Diagnostic Instruments	Clinical Instruments
	Gastrointestinal Colonovideoscope	Tissue Sampling and Spraying of Diagnostic Agents	Lesion Resection, Hemostasis
GIRBU	Videoscope	Biopsy Forceps Spraying tube	Electrosurgical Snare Electrosurgical Hemostasis Clip Fixing Device
	Duodenovideoscope	Bile duct and Pancreatic duct Imaging	Stone Removal, Bile Drainage
		Cannula	Papillotome Mechanical Biliary Stent
			Papillotome Mechanical Biliary Stent Lithotriptor
	Bronchovideoscope	Cell and Tissue Sampling	Lesion Resection
		Cytology Brush	Electrosurgical Snare

BU	Description	Scopes	Surgical Devices
GSBU	Open a small incision in chest or abdomen to remove lesions	Video Laparoscope	Ultrasonic Coagulation and Cutting Devices
UGBU	Diagnosis of urinary system lesions	Cystovideoscope	
	Treatment of prostate, bladder, or kidneys through the urethra	Resectoscope Ureterosc	Electrosurgical Unit
	Diagnosis of lesions in uterus	Hysterovideoscope	
ENTBU	Diagnosis of lesions in ear or nose	Rhino-Laryngo Videoscope	
	Removal of diseased mucosa of paranasal sinuses, resection / suction / cutting of tissue	Camera head Telescop	Handpiece and blades

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