

SITUATION OF GASTROINTESTINAL ENDOSCOPY IN BACH MAI HOSPITAL

Vietnam

Bachmai hospital

Functional Examination Department

Dr. Tran Viet Hung

Bach Mai Hospital

1911 begin



2016 now



1. Total of sick-beds: **2.500**
2. Total of staffs: **3000**
3. Total of outpatient: **500.846**
4. Total of inpatient: **52 130**
5. Rate of using sick-bed: **164,98 %**
6. Average treatment time: **11,46** days

New endoscopy room



Endoscopy Equipment

- Endoscopy system:
 - 10 system Olympus: 14 gastroesophageal scopes, 10 colon scopes
 - 2 system Fujifilm: BLI, LCI
 - 1 system ERCP: 2 duodenum scope
 - 1 single balloon

Functional Examination Dept.

- 16 Doctors, 25 nurses
- 12 endoscopy rooms
- NBI scope.
- Perform 60,000 endoscopy: 50,000 upper, 10,000 colon and 1,000 therapeutic endoscopy.
- EMR 260, ESD 80, Poem 19



Training

- Training endoscopy for about 100 doctors from provinces hospital annually.
- Combine with TDC (training and direction of healthcare activities of BMH) in project of e-learning for satellite hospital
- 1 system simulator for Gastrointestinal Endoscopy



Telemedicine





Telemedicine



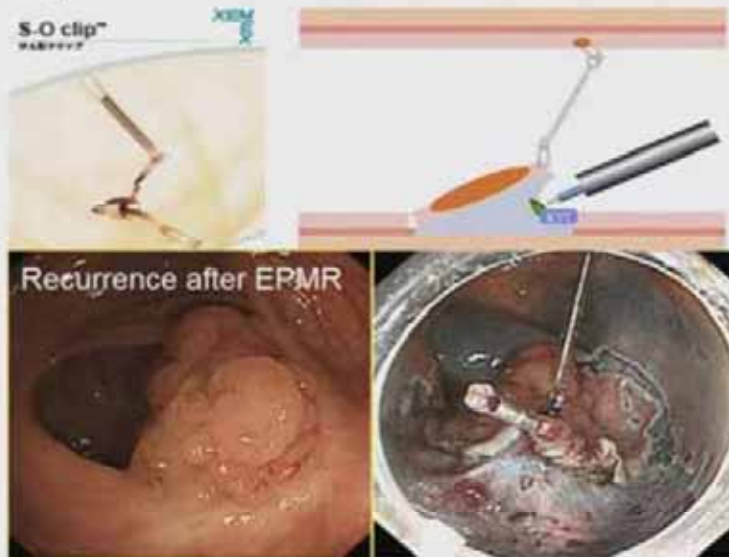


Telemedicine



A recent traction method: S-O clip

The **S-O clip** (Zeon, Tokyo, Japan) is a clip having a small spring. It can pull the lesion up and you can see the cutting line clearly.

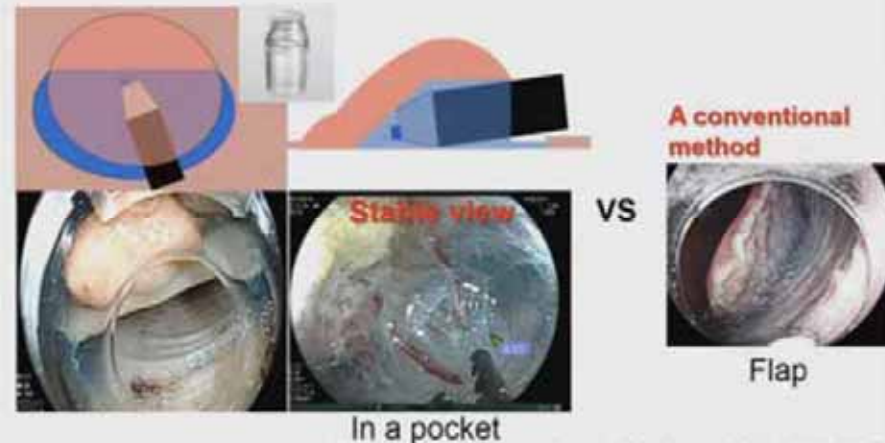


Sakamoto N, et al. Gastrointest Endosc. 2009;69:13

New endoscopy technique from
Telemedicine

Pocket-creation method (PCM)

In PCM, only the submucosa below the center of the tumor is dissected. The endoscope can be stabilized by being 'pocketed' inside the tumor. We previously reported the efficacy of PCM for dissecting severe fibrosis.



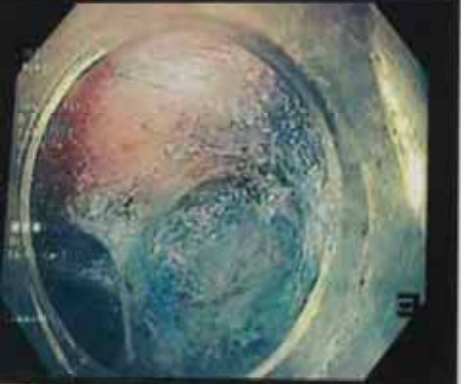
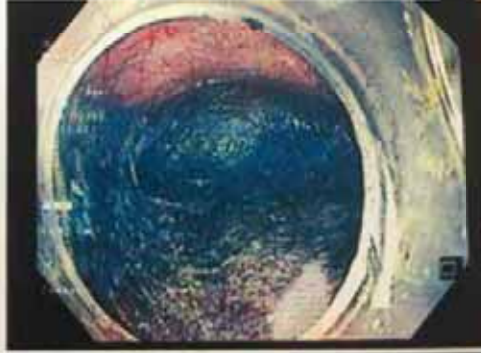
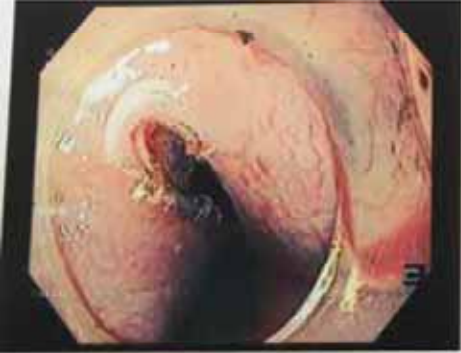
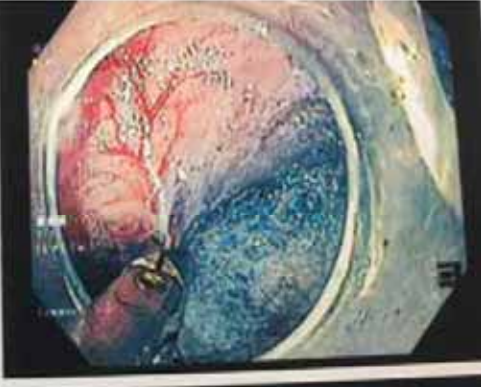
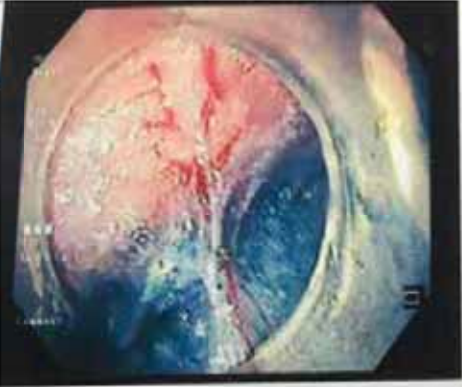
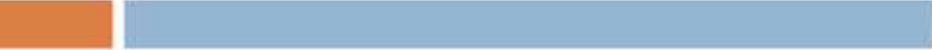
Shinozaki S, Yamamoto H, et al. Dig Endosc 2016; 28: 289-95
Yoshida N et al. Endosc Int Open 2018 Epub ahead of print

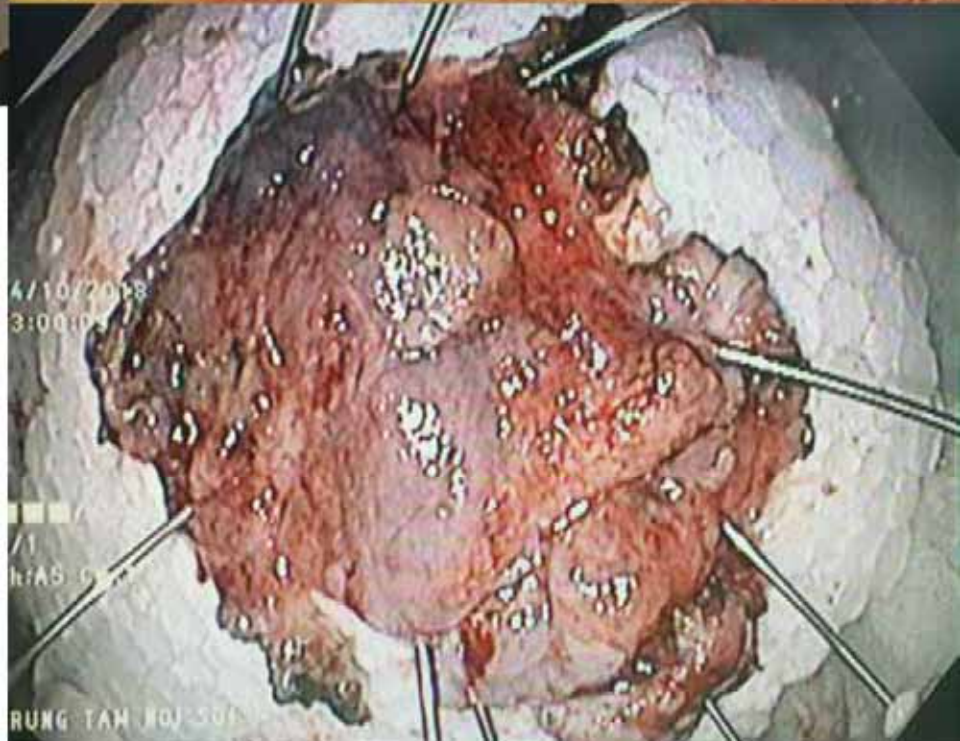
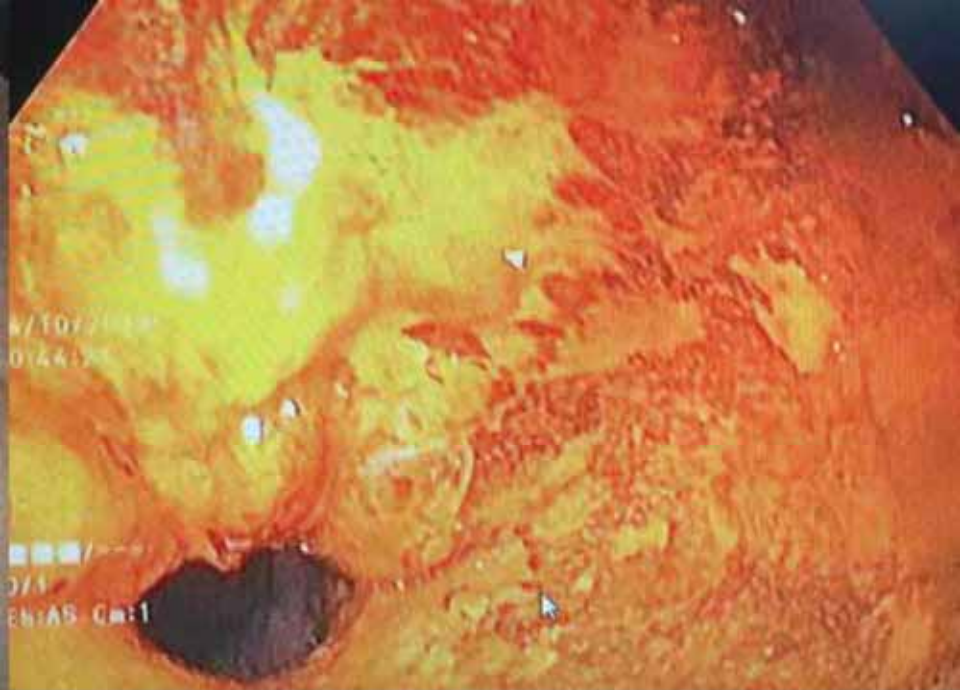


E-learning

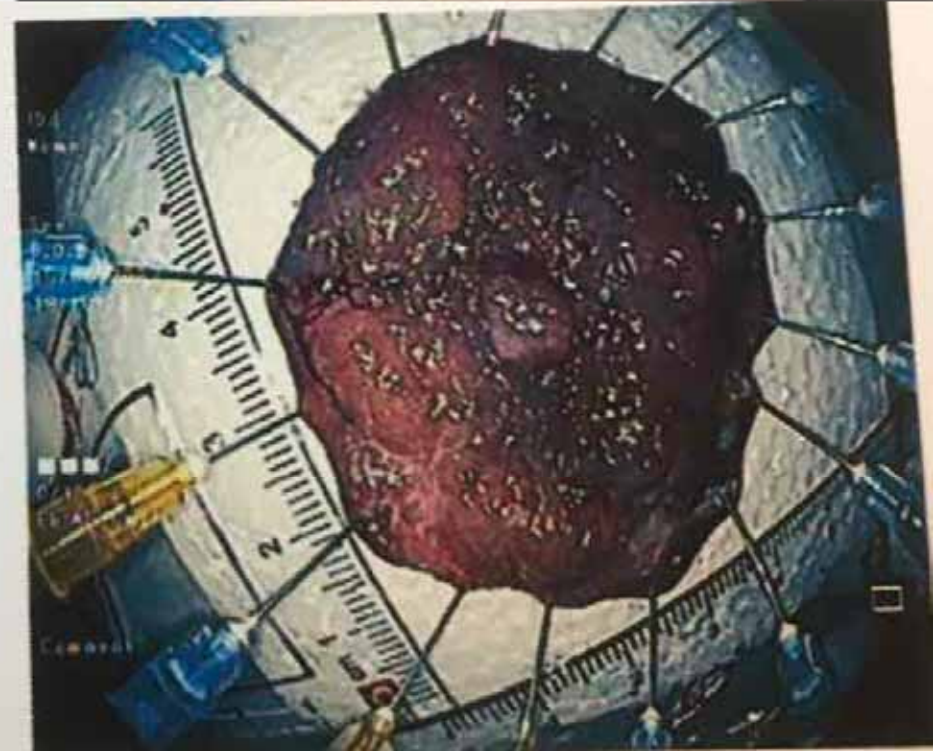
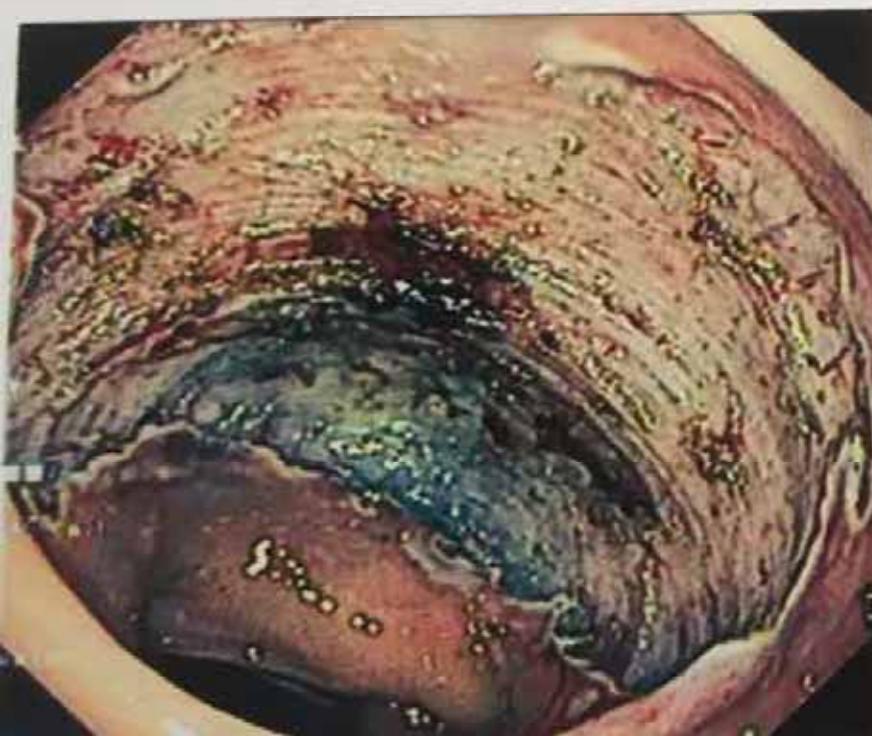
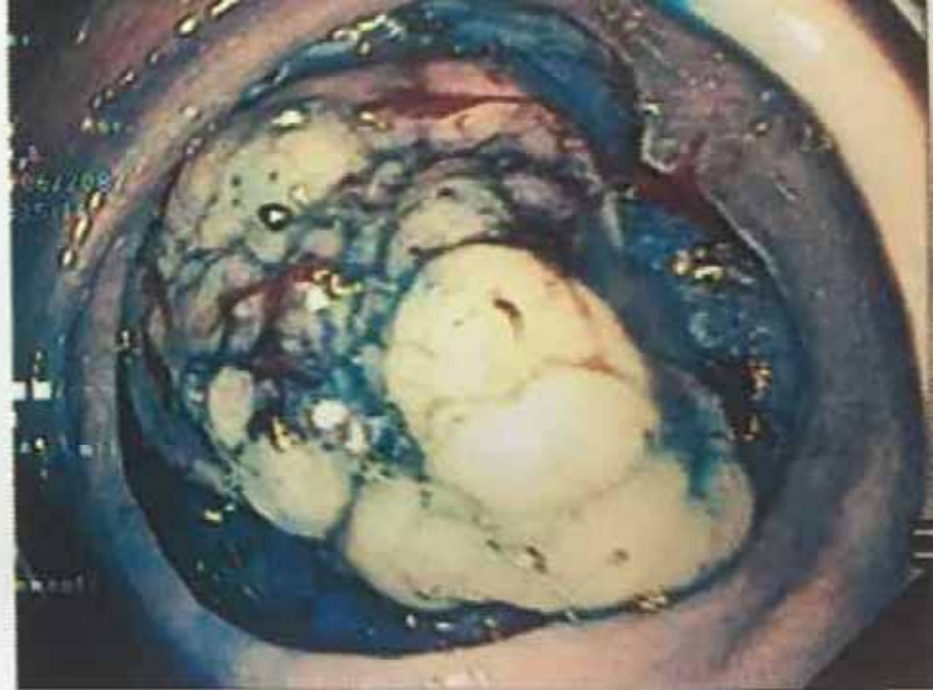
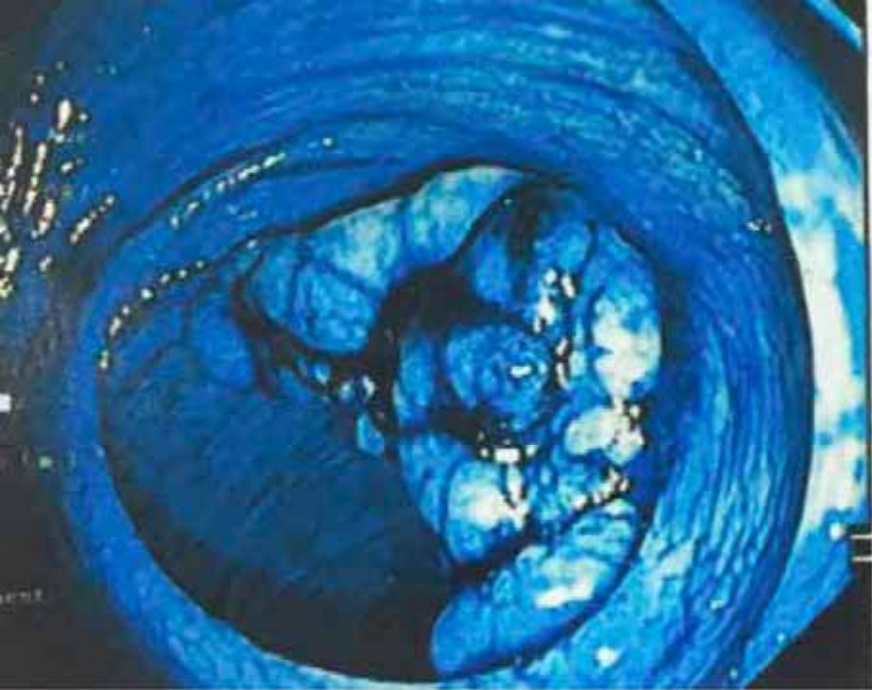


POEM









Zalo

Zalo Web beta

Gửi tin nhắn Zalo ngay trên trình duyệt

Group Chat



THE EXPECTATIONS:

- Holding telemedicine conference at my hospital.
- Continuously Change awareness of medical staff about importance of international research - education network and its advantages
- Attending other telemedicine conferences in the remote area.
- Continue to apply scholarship for young doctors and nurses of BMH to come to Kyushu Univ. Hosp. and TEMDEC to learn about telemedicine and endoscopy. It is opportunity of my young doctors , nurses can change their mind and improve their skill.



OUR NEXT PLANS:

- Improving cooperation between Bachmai hospital and Temdec and other hospitals, including health information exchange, education, research, training
- Support continuously BMH to participate in APAN and others to improve ability of training and researching of medical staffs in BMH and open with other hospital in Vietnam.
- Continue telemedicine working group between BMH and other hospital in Vietnam (108, Vietduc, E, Cho ray, Hue ...) and also with group of other country;





Thank you!