

ENDOSCOPIE DIGESTIVE

Place actuelle

Perspectives

T Ponchon

Hôpital Edouard Herriot, Lyon

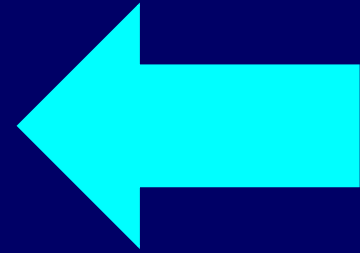
ENDOSCOPIE DIGESTIVE

Diagnostic

Thérapeutique

ENDOSCOPIE DIGESTIVE

Diagnostic



Thérapeutique

ENDOSCOPIE DIAGNOSTIQUE

3 étapes,

Détection: Je vois une anomalie
(exemple: un polype)

Caractérisation: est-ce que cette anomalie est à
risque de cancer ? (exemple: un adénome)

Staging: extension latérale et en profondeur ?

DIAGNOSTIC ENDOSCOPIQUE

Détection

Caractérisation

DIAGNOSTIC ENDOSCOPIQUE

Détection ←

Caractérisation

LA DETECTION EST L'ETAPE PRIMORDIALE

Première étape

Potentiel d'amélioration +++++

Caractérisation = biopsie

« la biopsie optique » = cible secondaire

Staging = EE, chirurgie

LA DETECTION

.....2 approches différentes

QUALITE DE L'IMAGE



TOLERANCE



pour améliorer la compliance à
l'endoscopie (détection organisée ou détection
individuelle)

LA DETECTION

.....2 approches différentes

QUALITE DE L'IMAGE

TOLERANCE

pour améliorer la compliance à
l'endoscopie (détection organisée ou détection
individuelle)

Exemple 1: nasogastroscope

Video 5 mm
un seul plan de béquillage

Gaine à usage unique

Vision sciences

65 cm

canal opérateur

diamètre: 5,1mm



Example 2: Capsule oesophage



Exemple 3: capsule colique



LA DETECTION

..... 2 approches différentes

QUALITE DE L'IMAGE ↗

TOLERANCE ↗

pour améliorer la compliance à
l'endoscopie (détection organisée ou détection
individuelle)

QUALITE DE L'IMAGE

Haute définition

Chromoscopie virtuelle

Autofluorescence

Elargissement d'image

QUALITE DE L'IMAGE

Haute définition



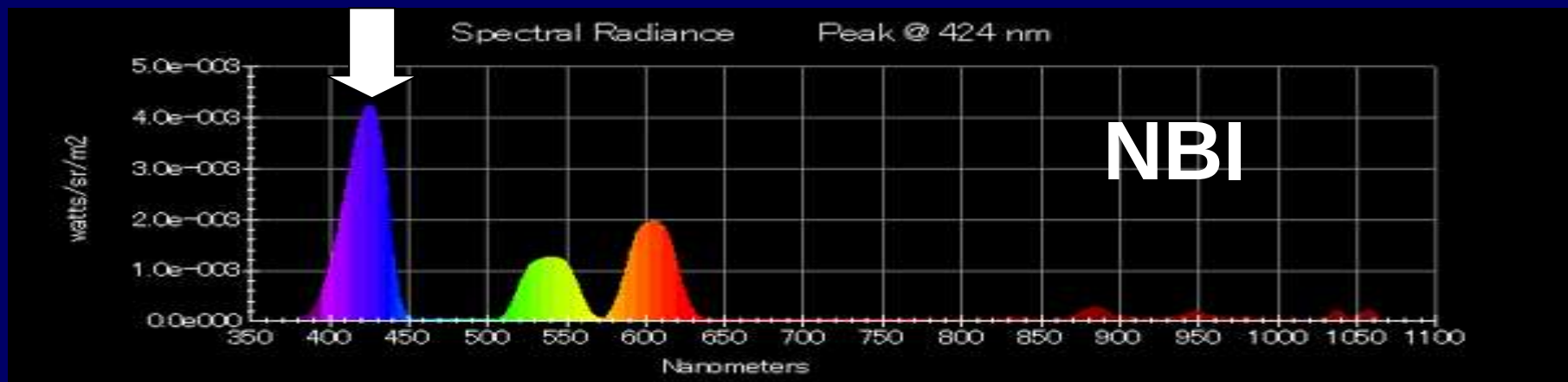
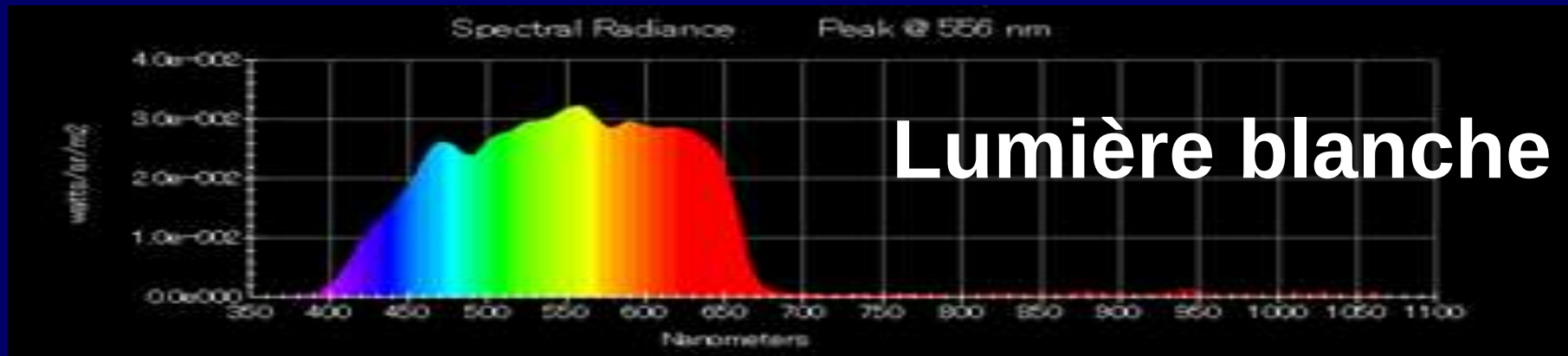
Chromoscopie virtuelle

Autofluorescence

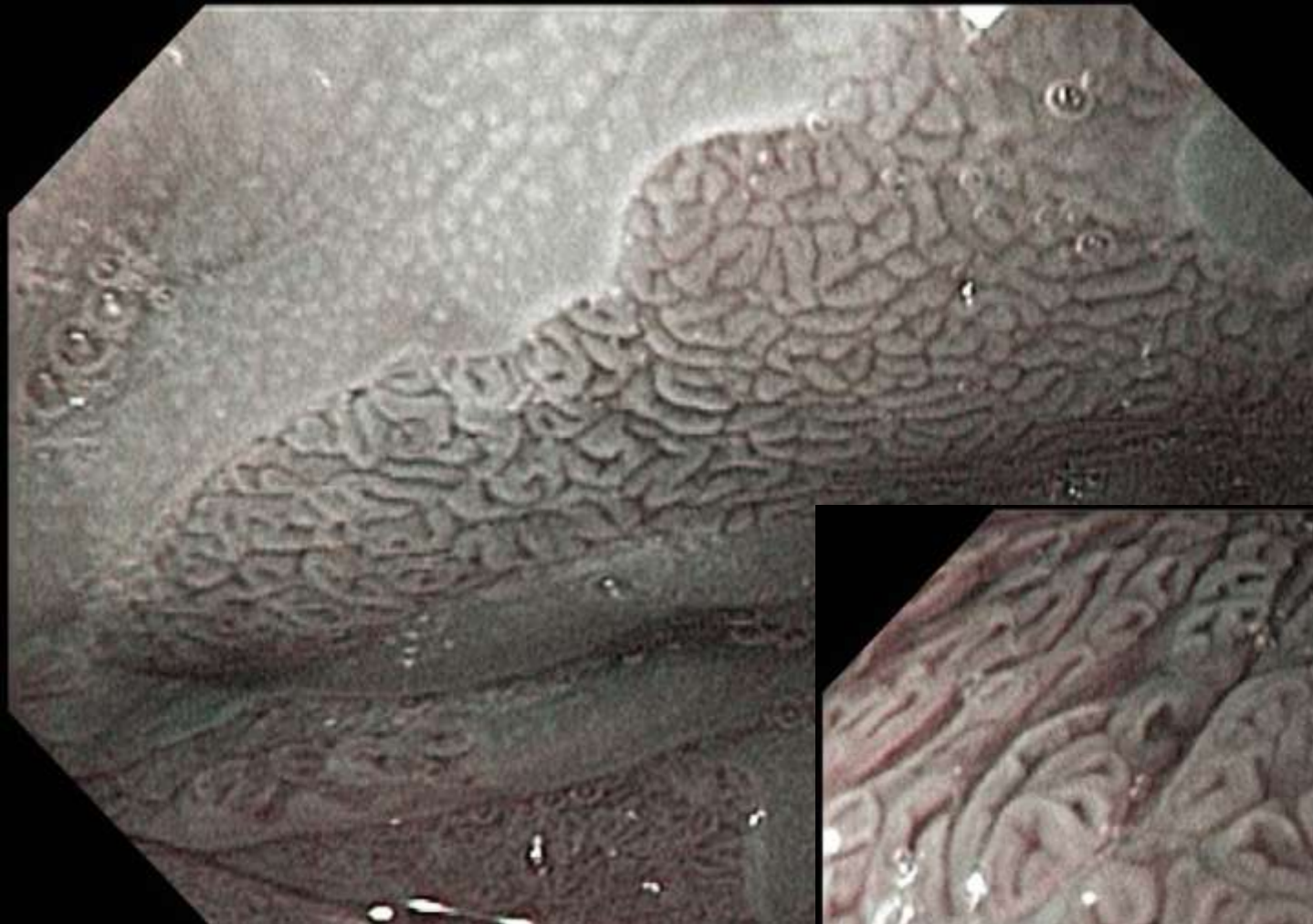
Elargissement d'image

Narrow band imaging

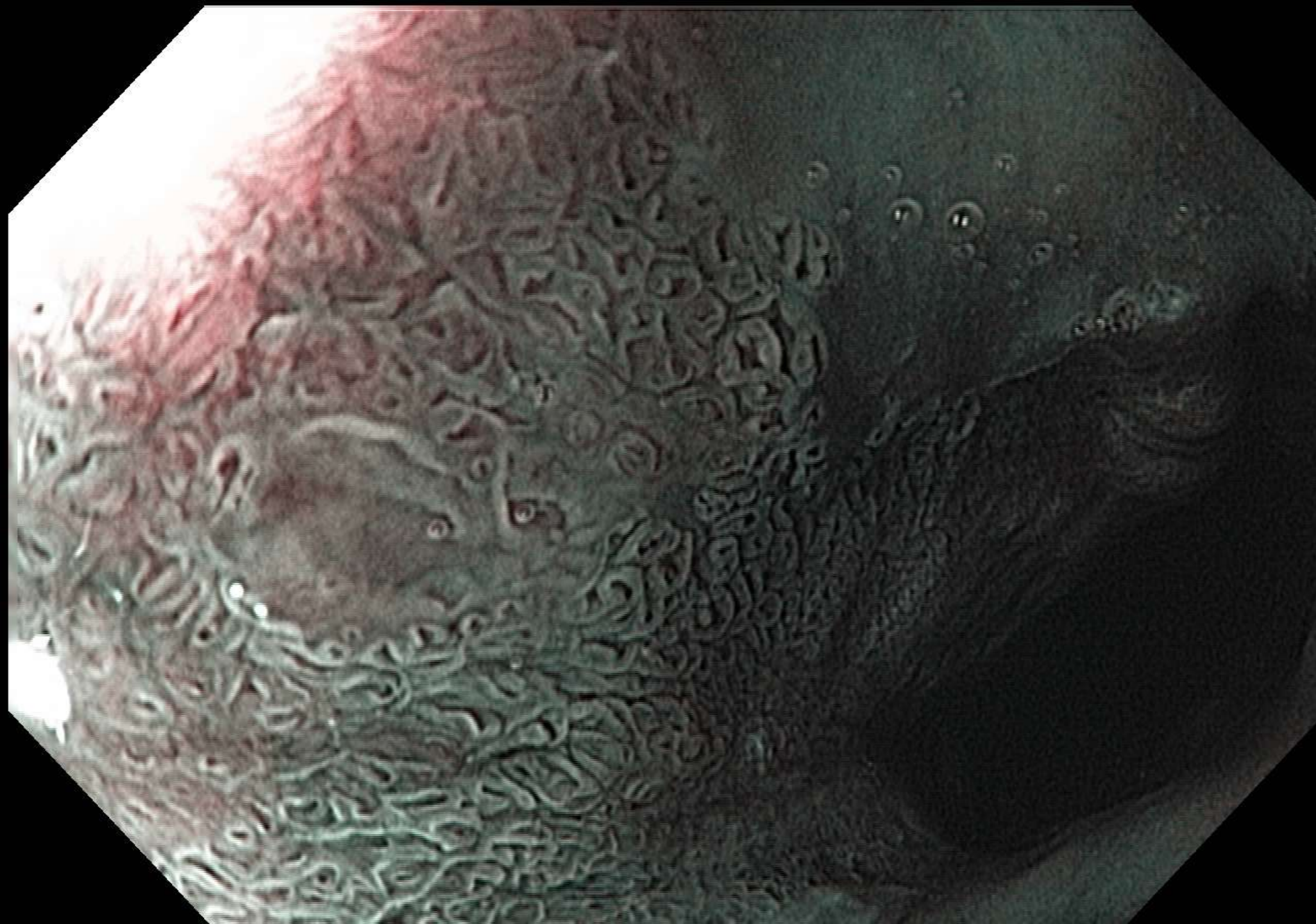
Spectre







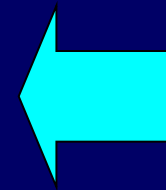
Barrett
Non
dysplasique



QUALITE DE L'IMAGE

Chromoscopie virtuelle

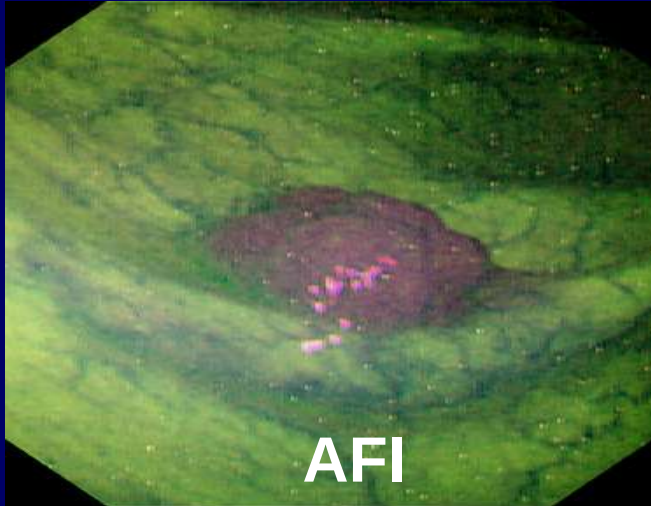
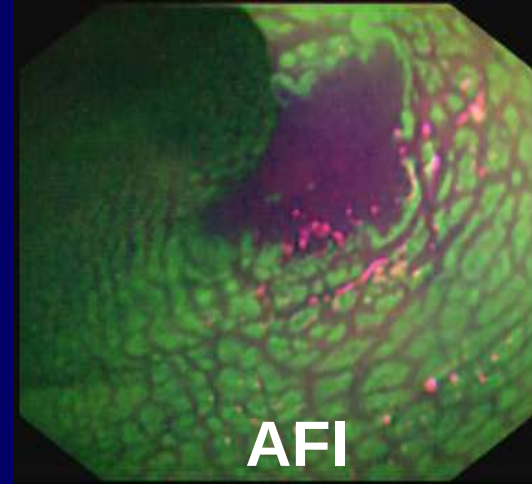
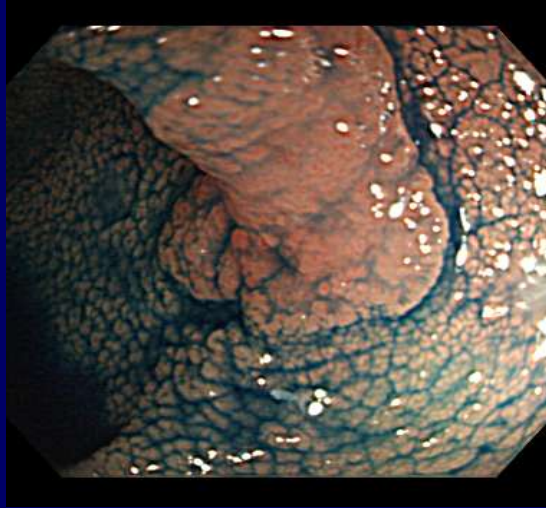
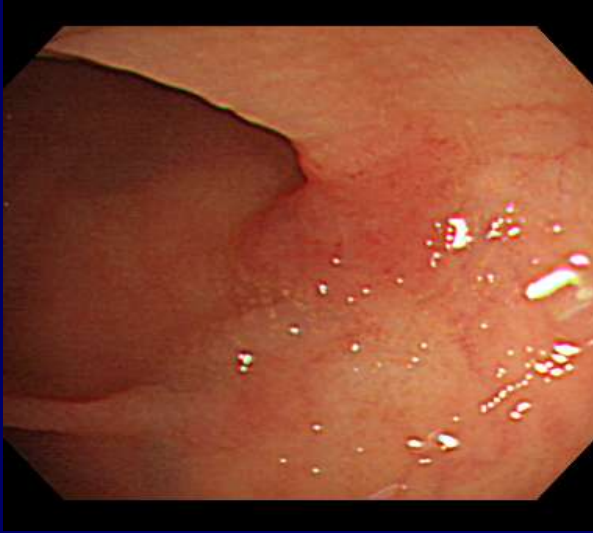
Autofluorescence



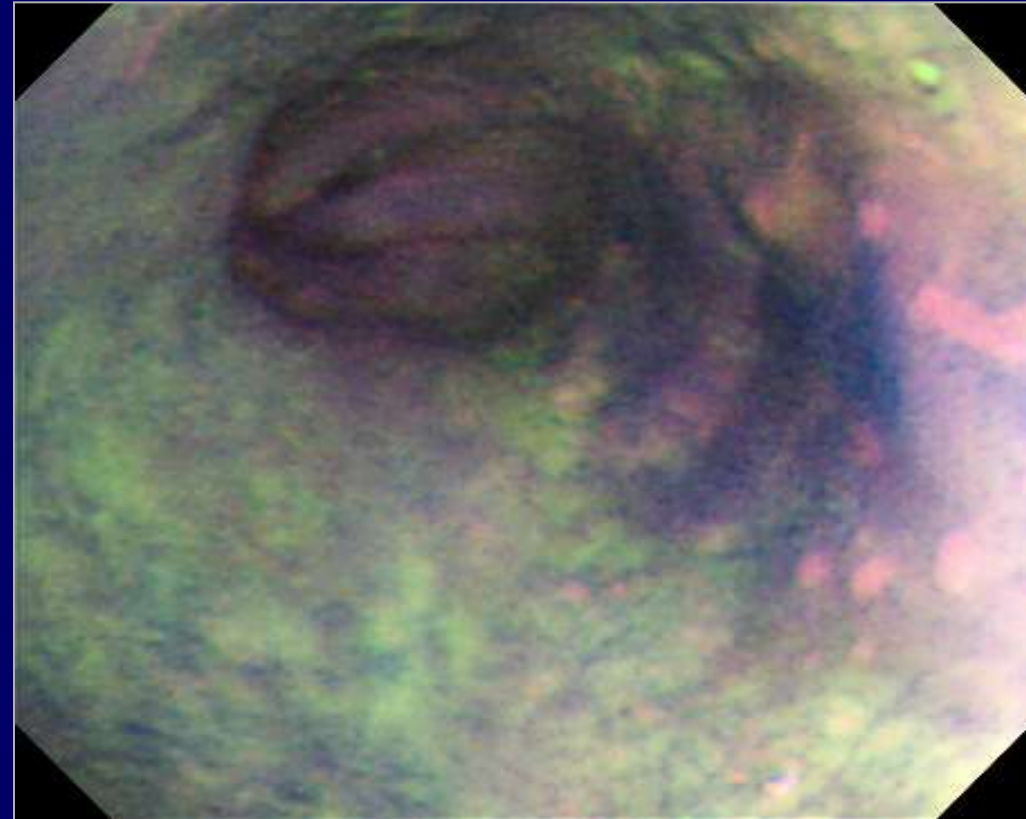
Elargissement d'image

Autofluorescence

AFI Colon



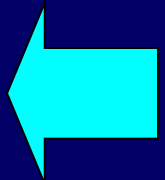
Autofluorescence Barrett



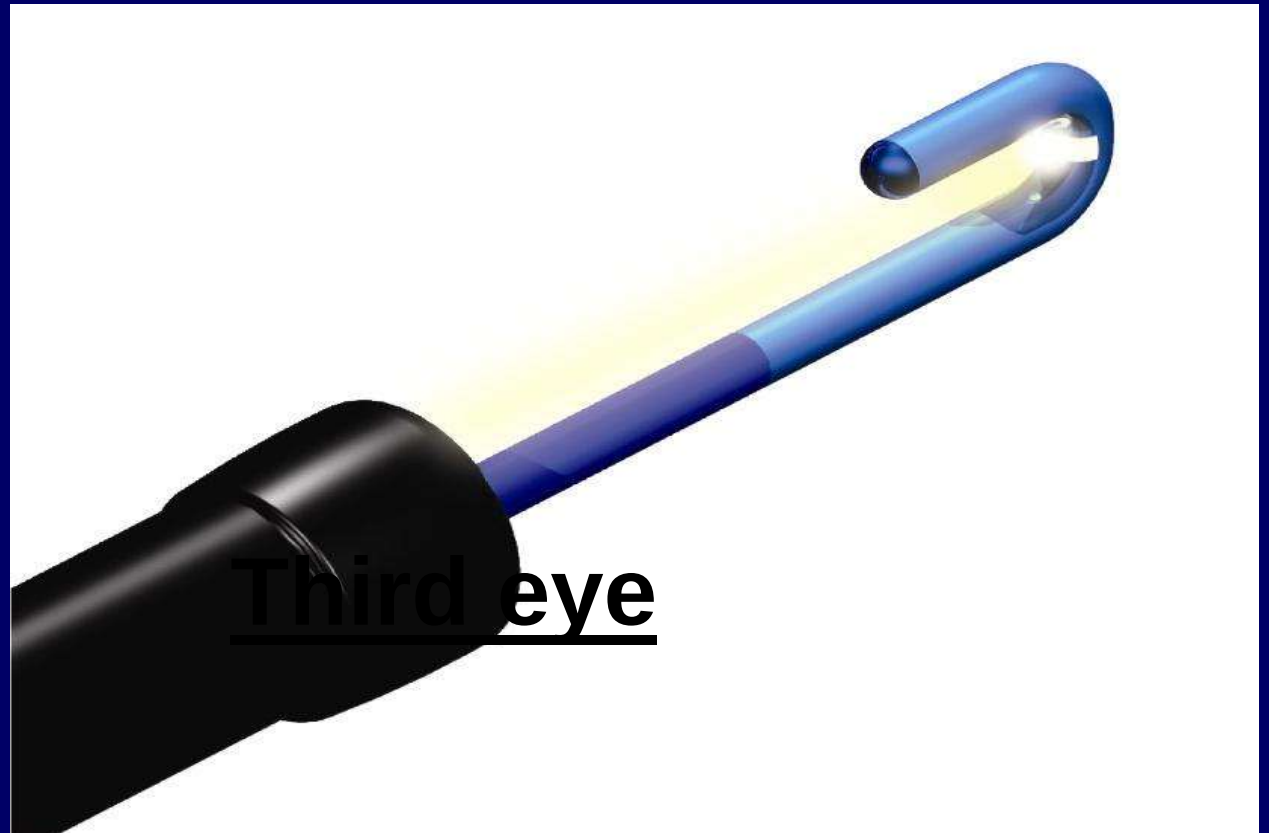
QUALITE DE L'IMAGE

Chromoscopie virtuelle

Autofluorescence

Elargissement d'image 

210°

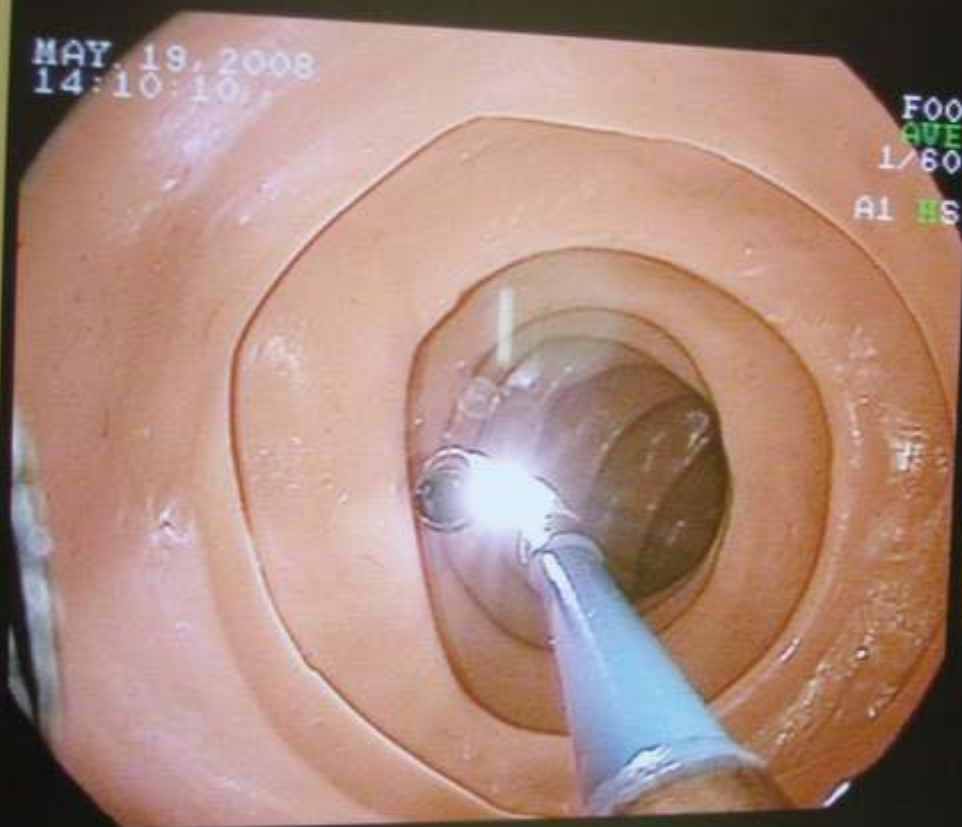


Third eye

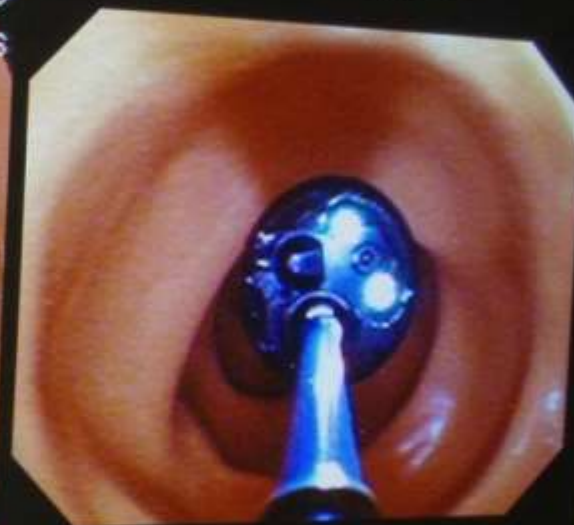
MAY 19, 2008
14:10:10

FOO
AVE
1/60
A1 HS

thirdeye[™]
RETROSCOPE[™]



Forward View



avantis

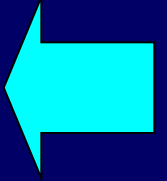
Retrograde View

DIAGNOSTIC ENDOSCOPIQUE

Détection

Caractérisation ←

CARACTERISATION : innovations

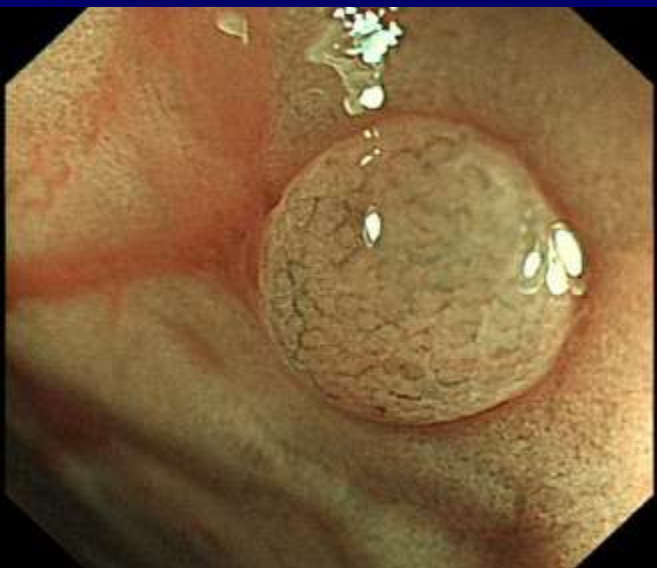
Chromoscopie virtuelle 

Endocystoscopie

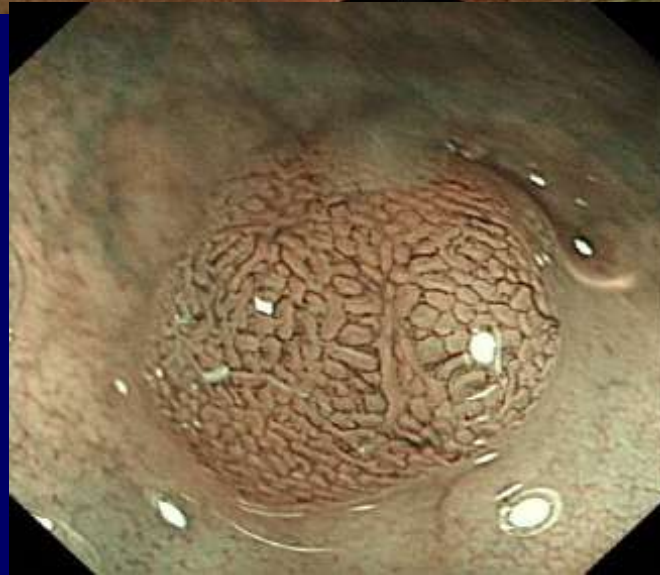
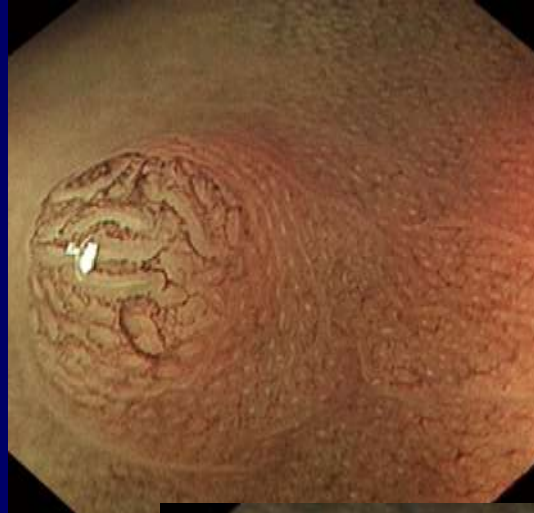
Microscopie confocale

NBI: caractérisation des polypes

Hyperplasique

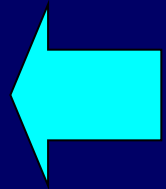


Adenome:



CARACTERISATION : innovations

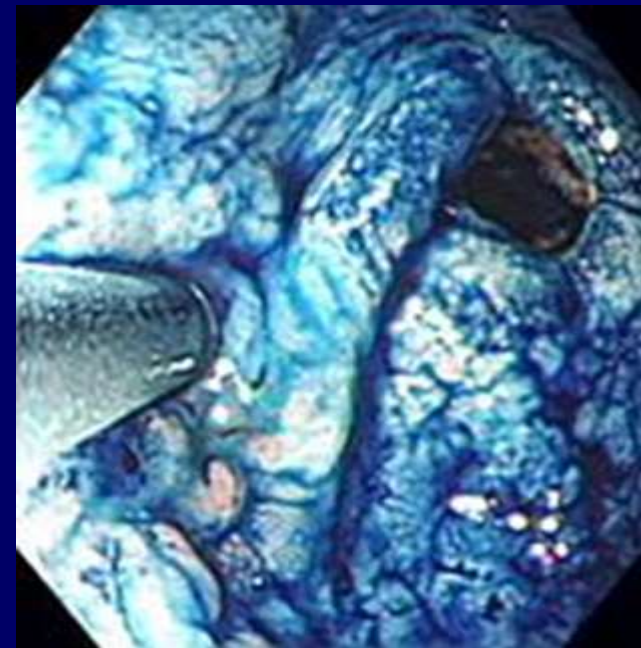
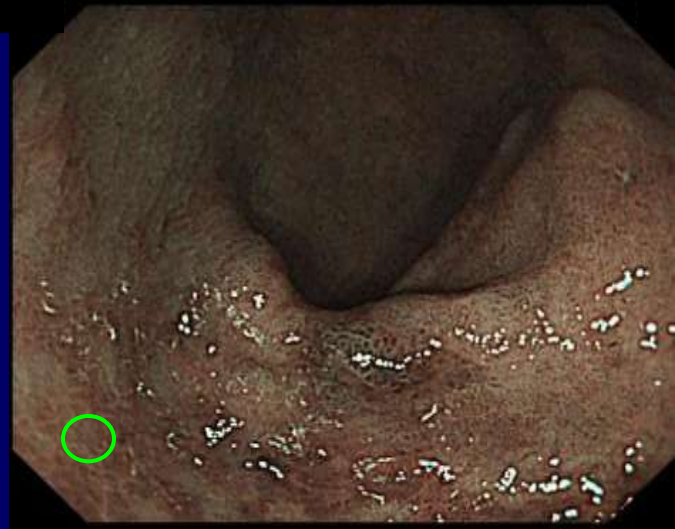
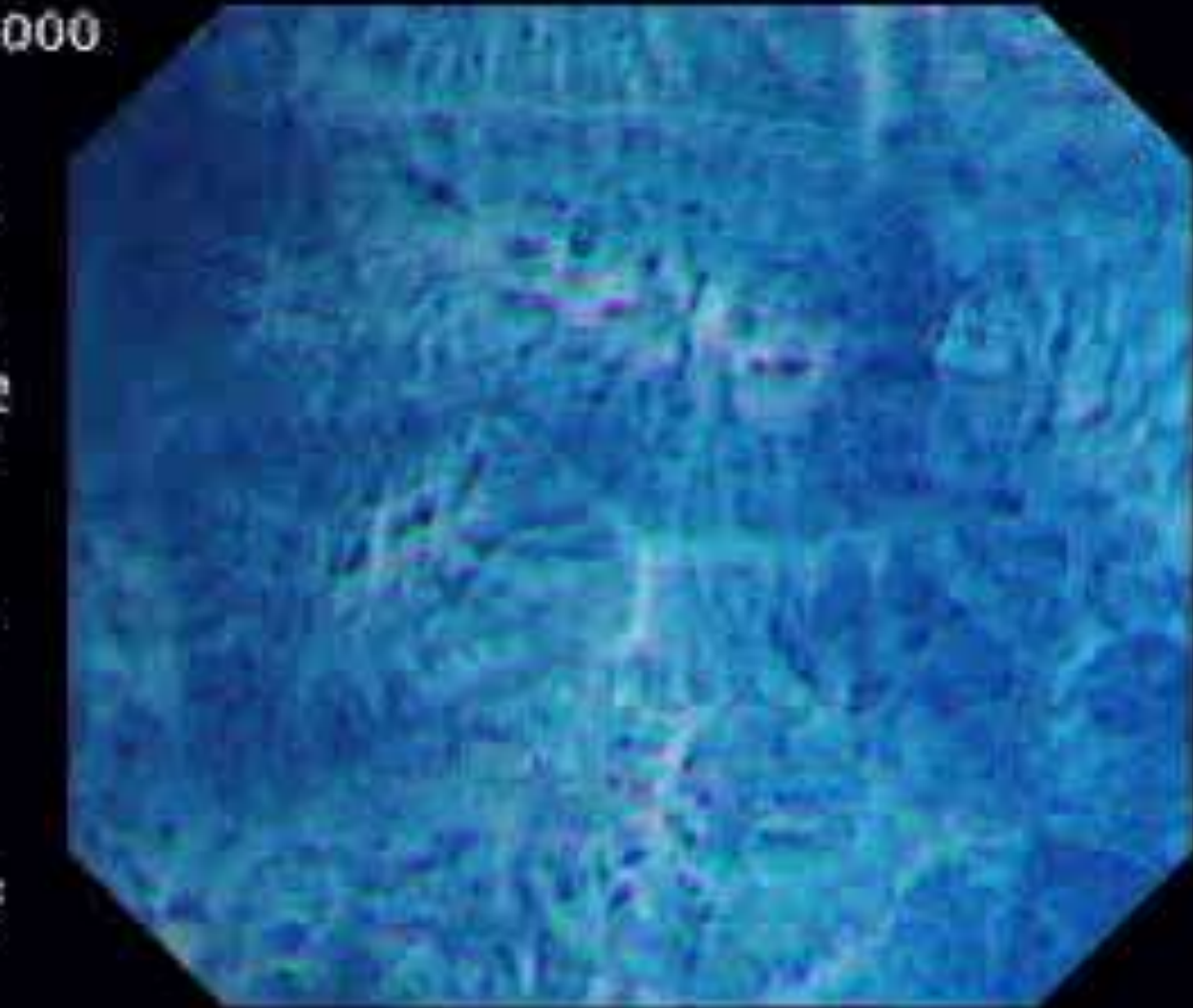
Chromoscopie virtuelle

Endocystoscopie 

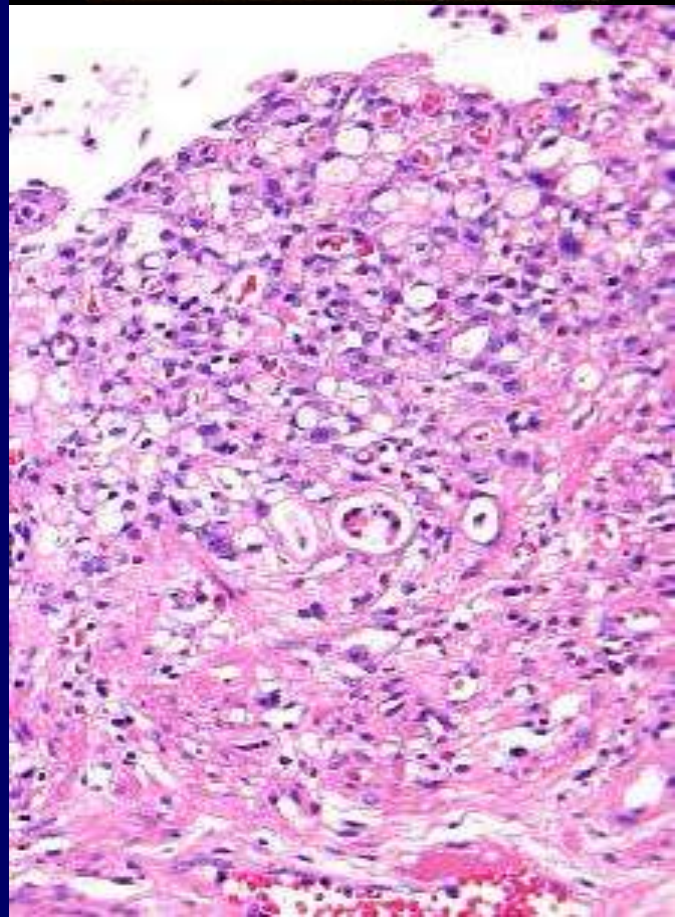
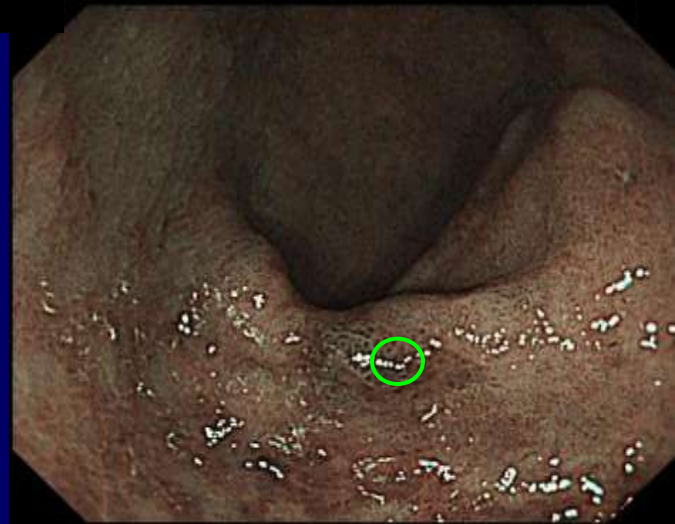
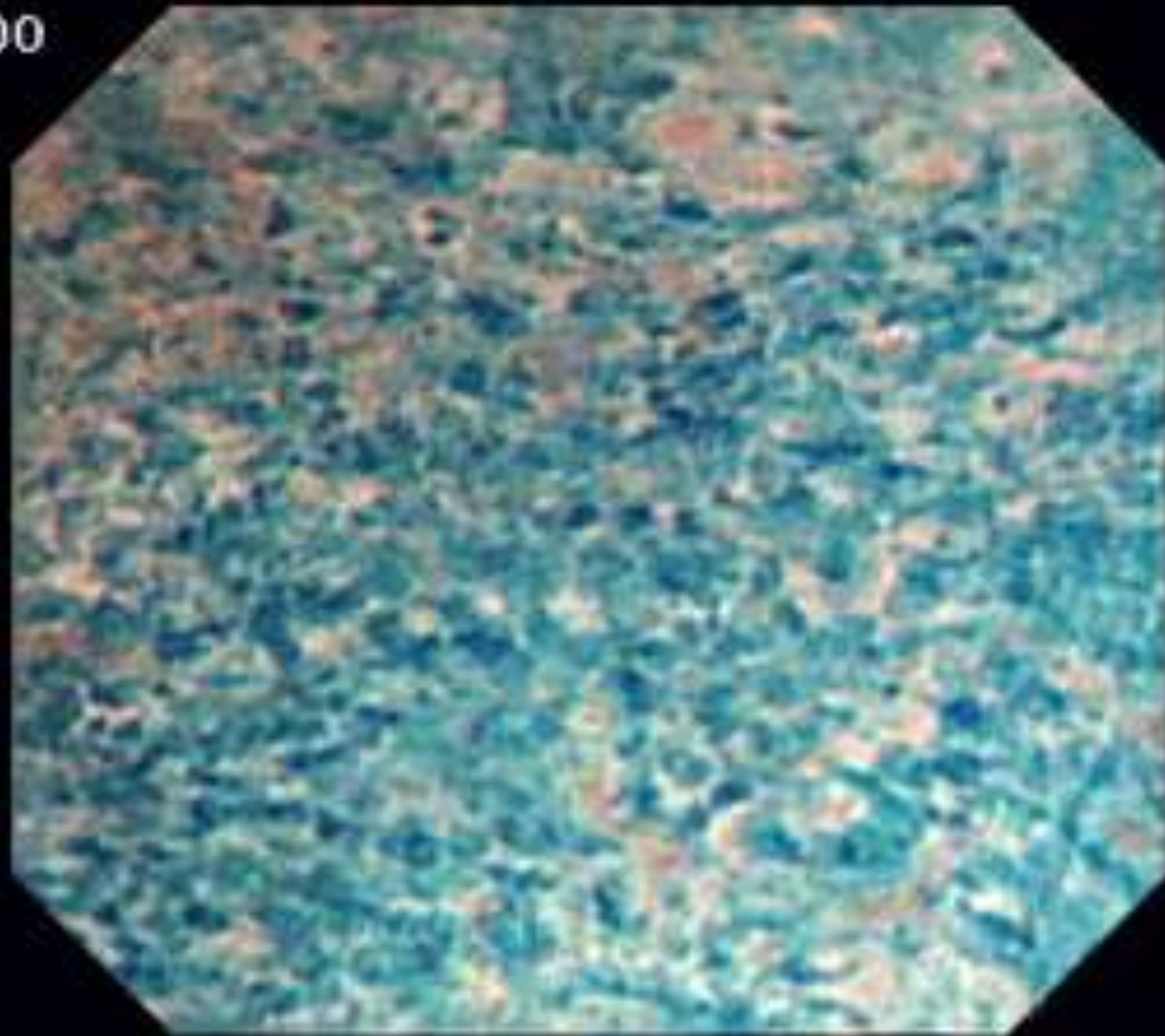
Microscopie confocale

× 450

Muqueuse normale



× 450 **Cancer**

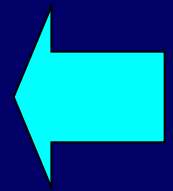


CARACTERISATION : innovations

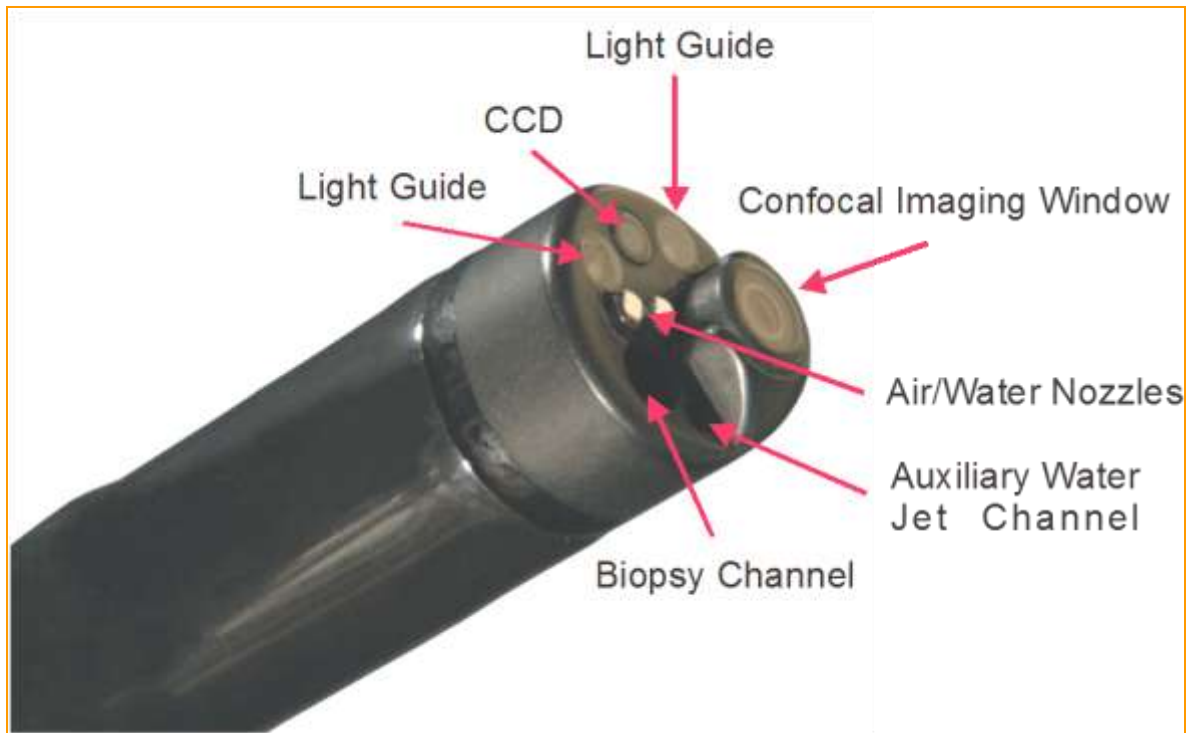
Chromoscopie virtuelle

Endocystoscopie

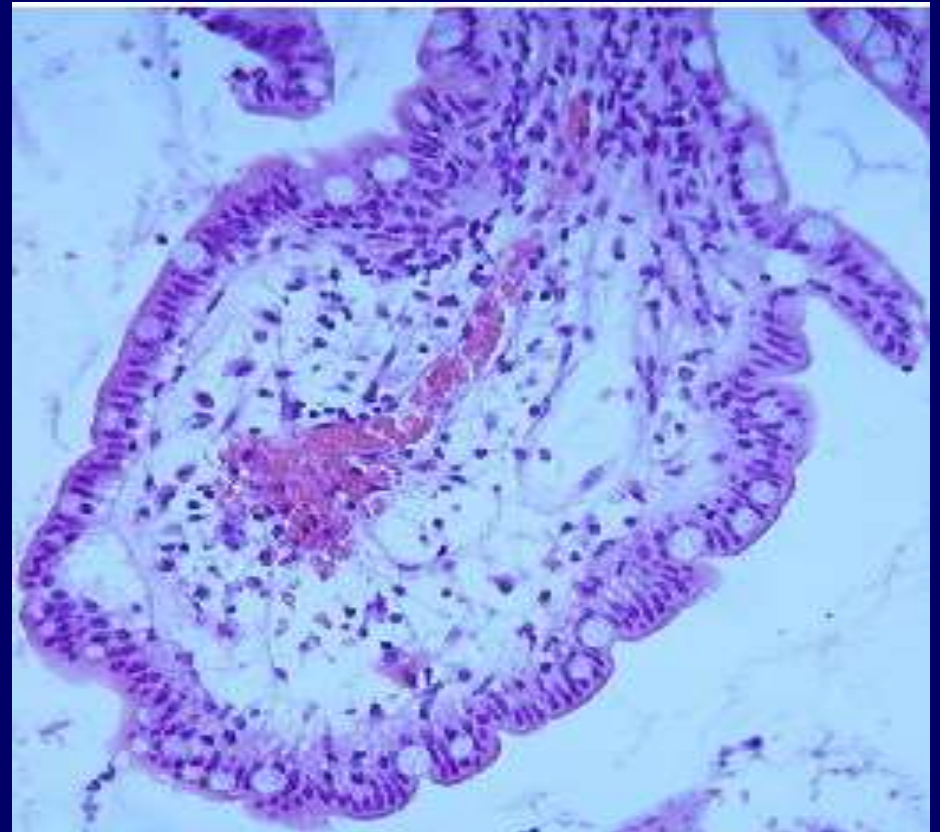
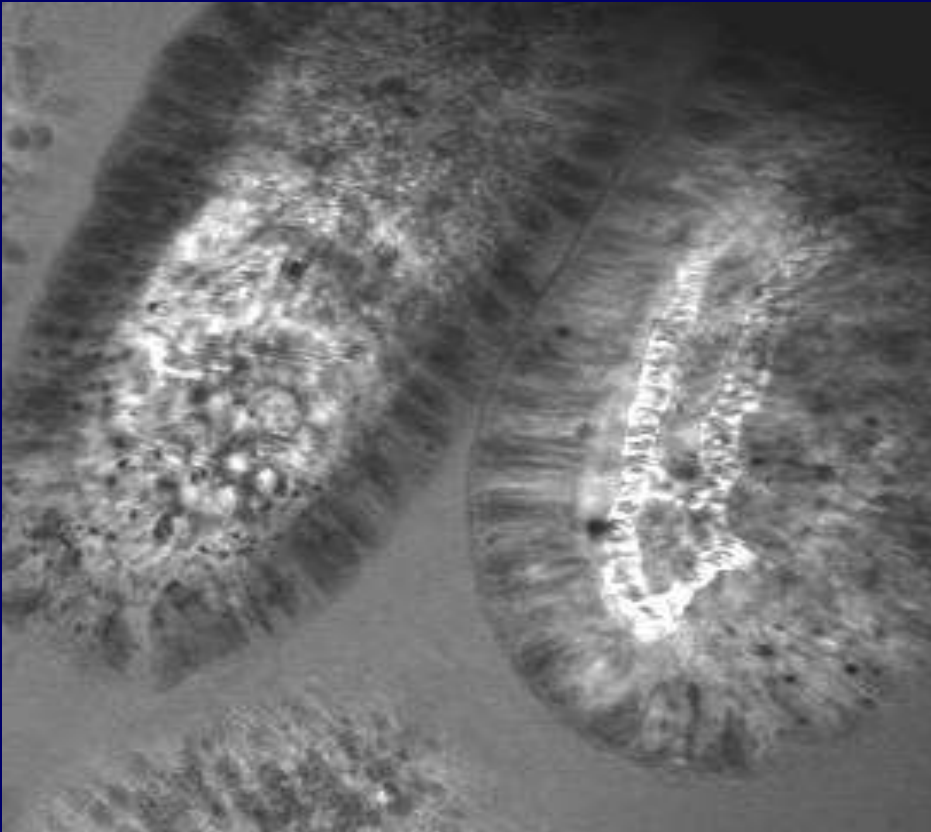
Microscopie confocale



Microscopie confocale

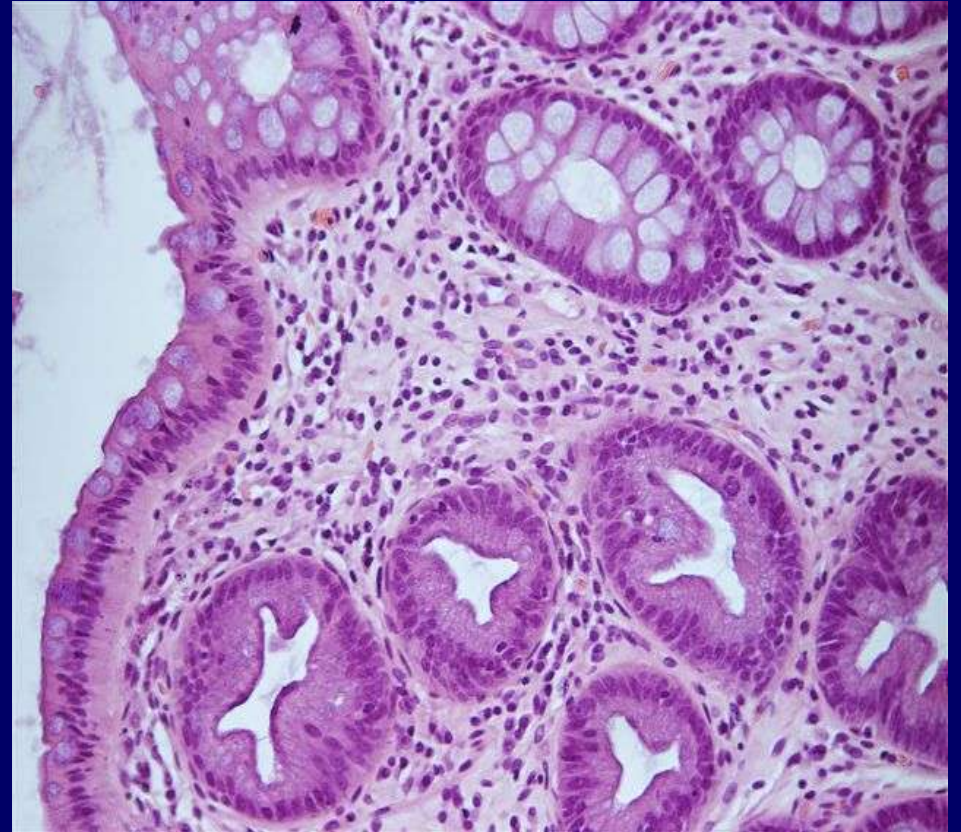
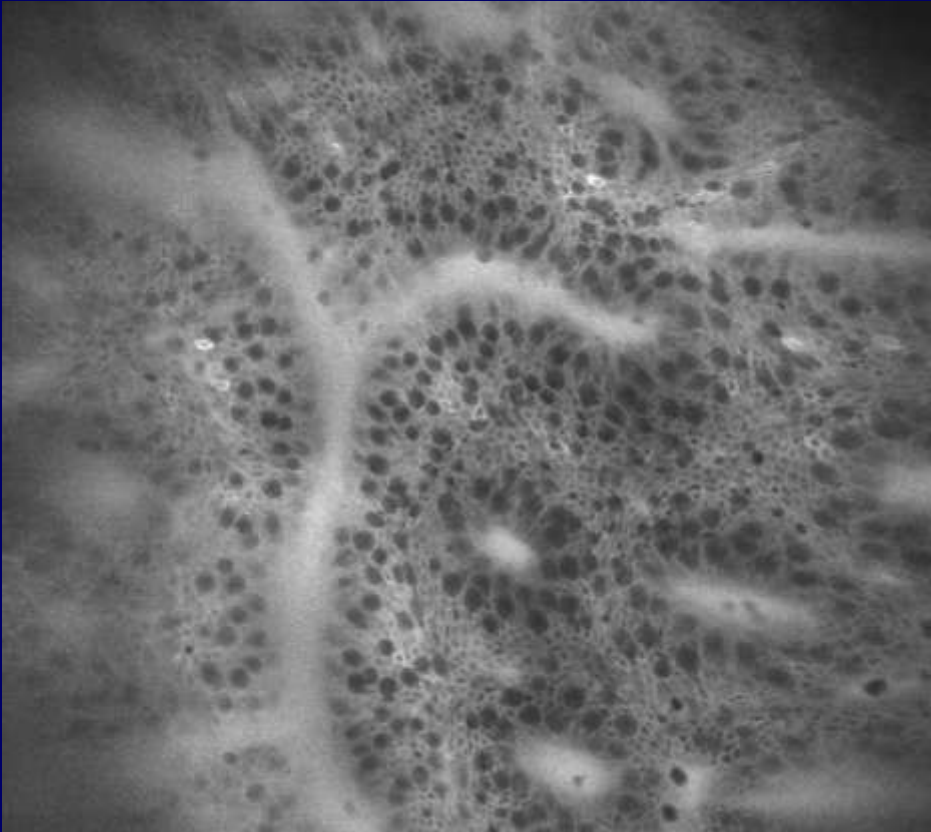


Ileon



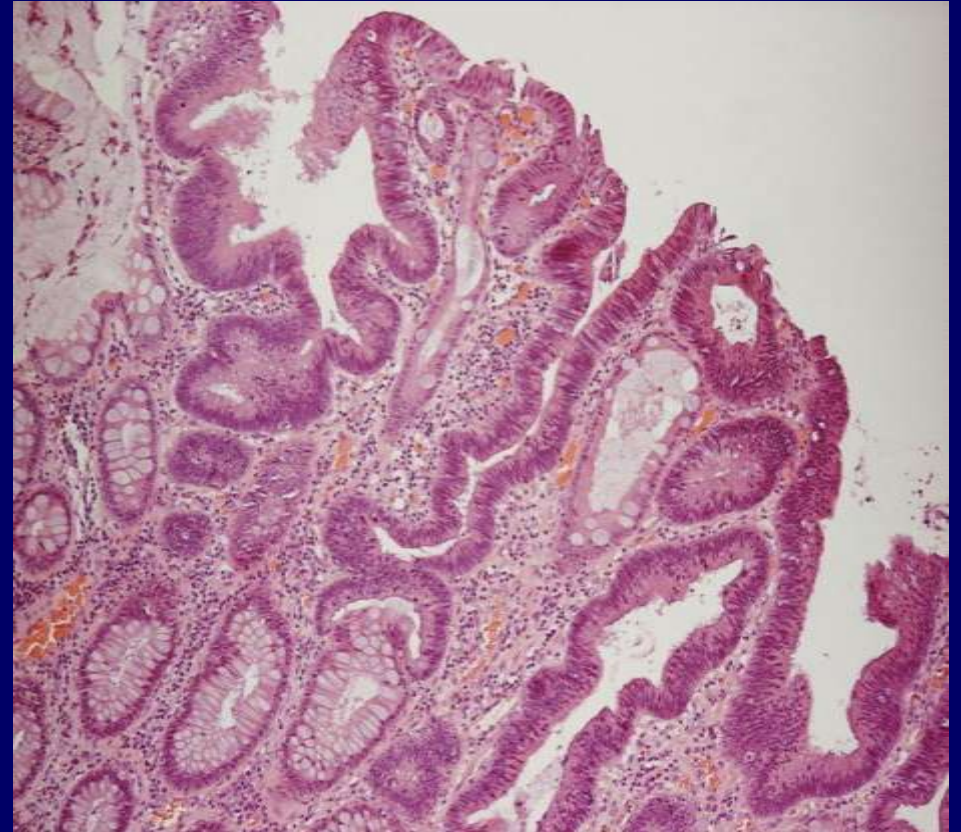
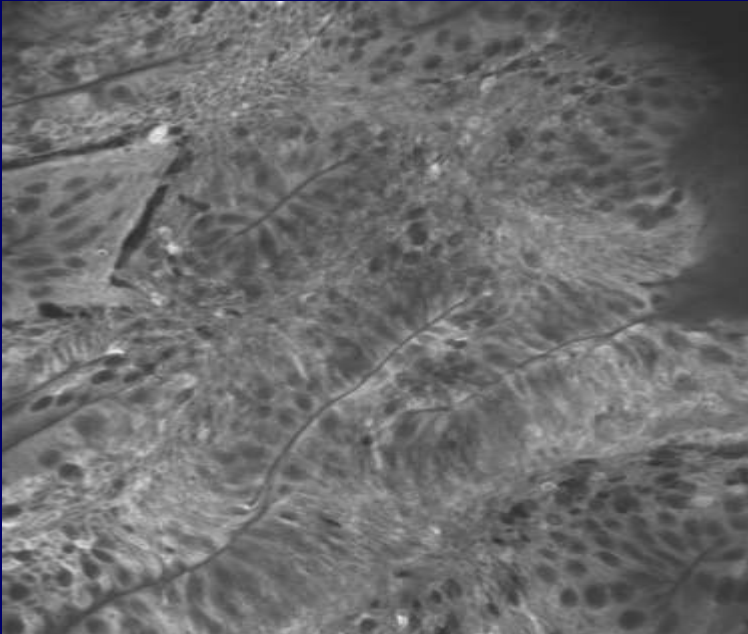
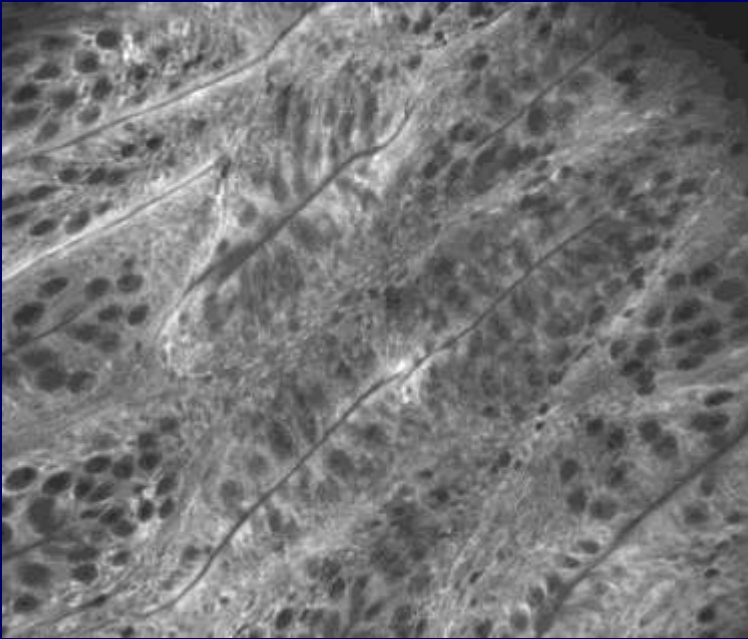
Kiesslich

Hyperplasique



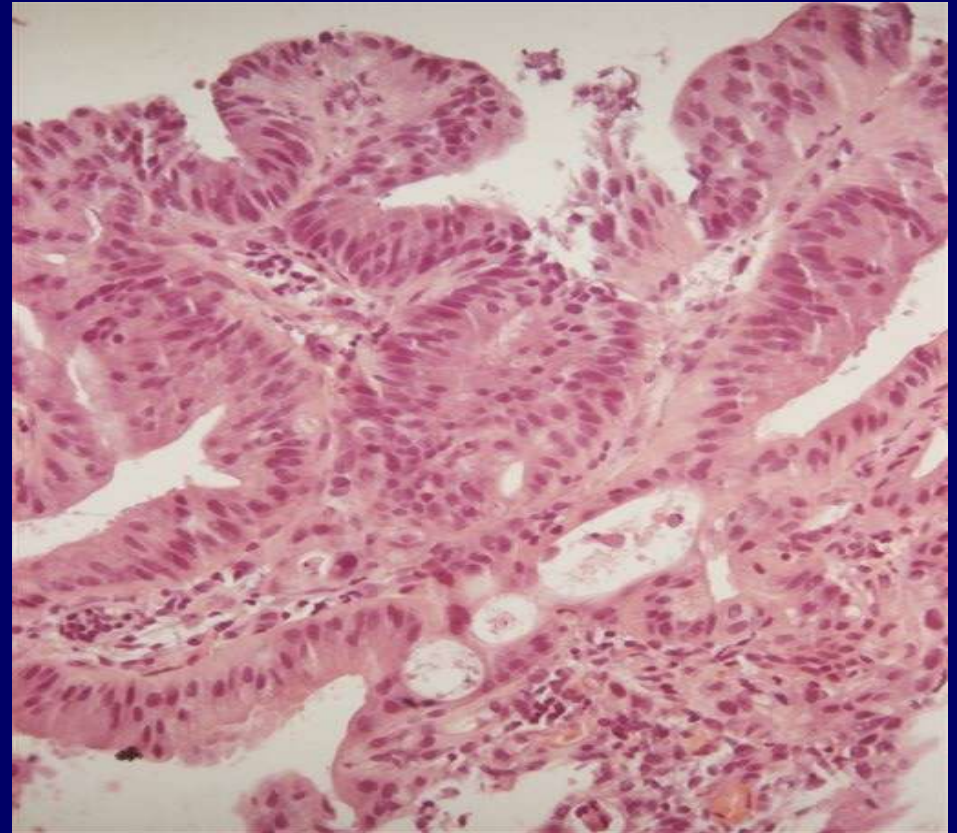
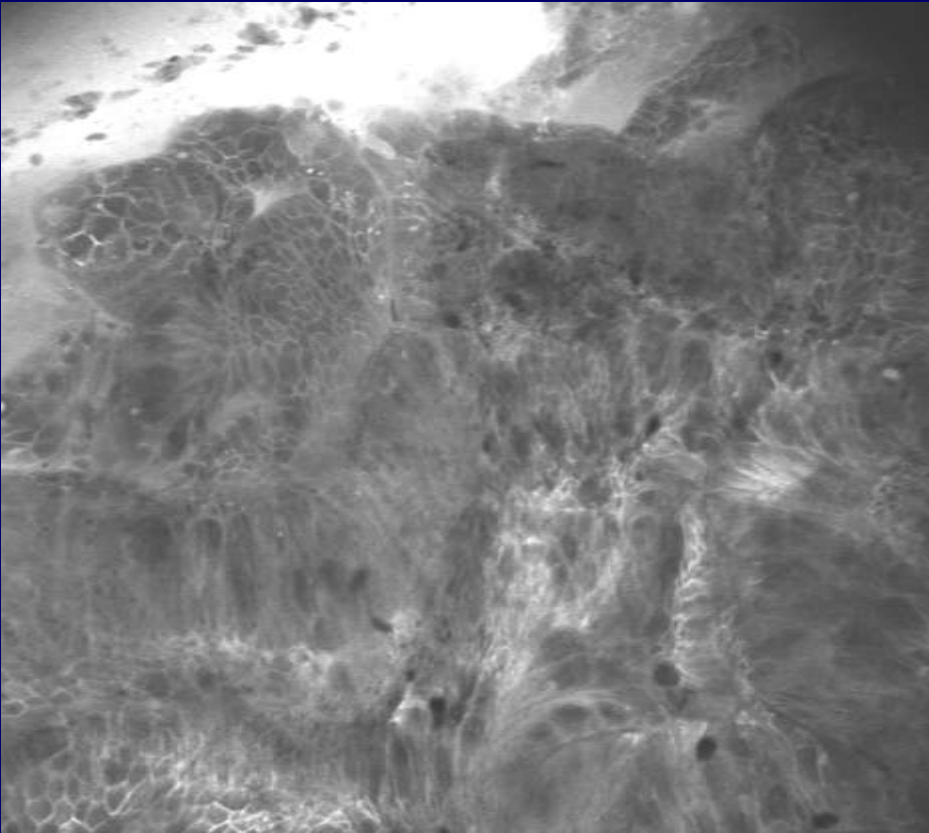
Kiesslich

Adenome



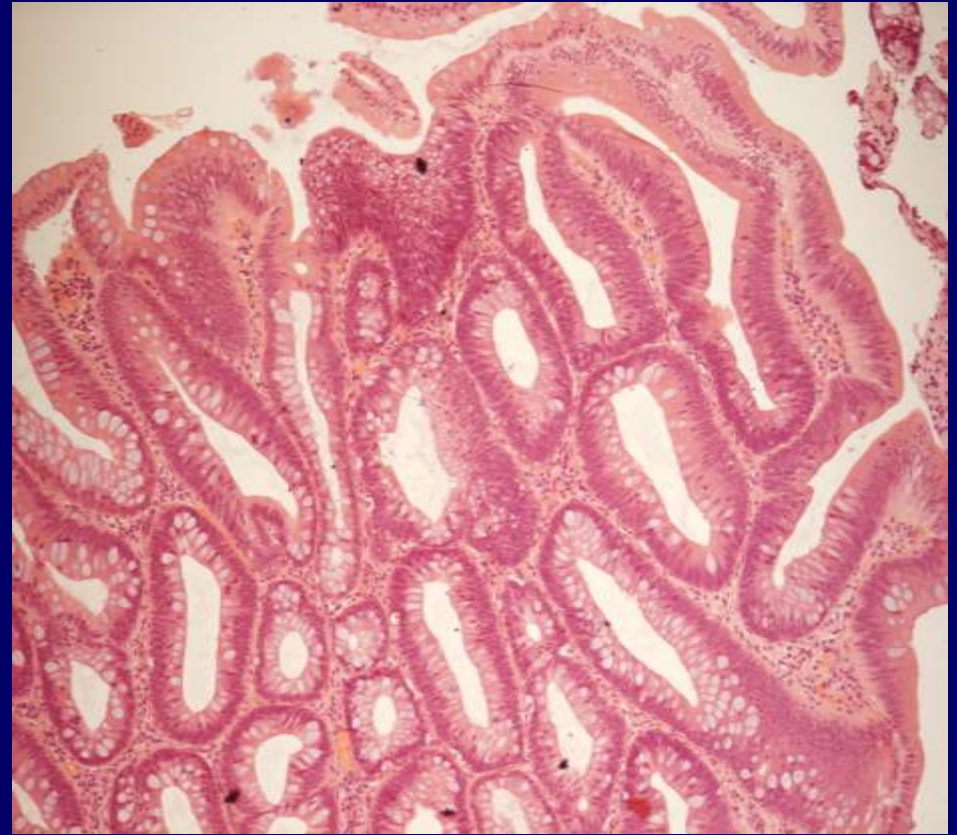
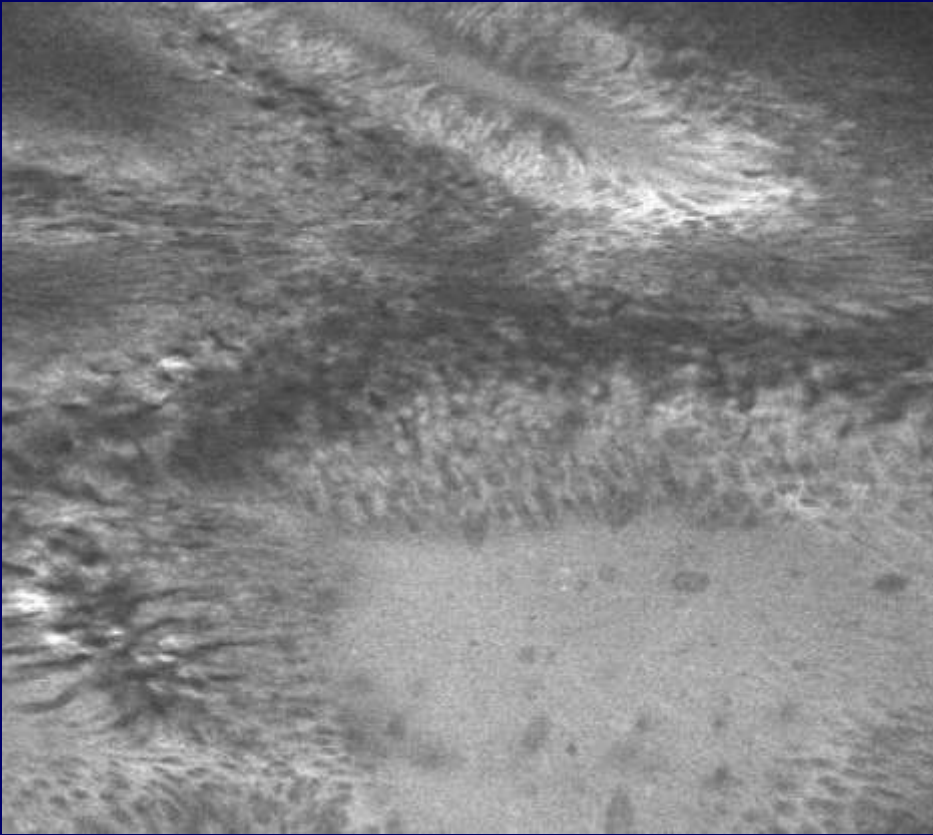
Kiesslich

Cancer colique



Kiesslich

Cancer in-situ

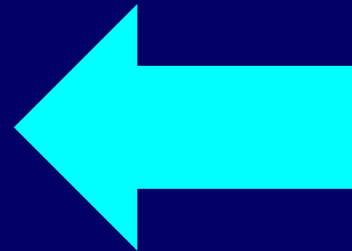


Kiesslich

ENDOSCOPIE DIGESTIVE

Diagnostic

Thérapeutique



De l'endoscopie à la chirurgie



Une évolution déjà ancienne...

Polypectomie Colectomie

**Sphinctérotomie ... Cholécotomie
endoscopique**

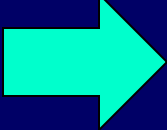
Prothèse Dérivations

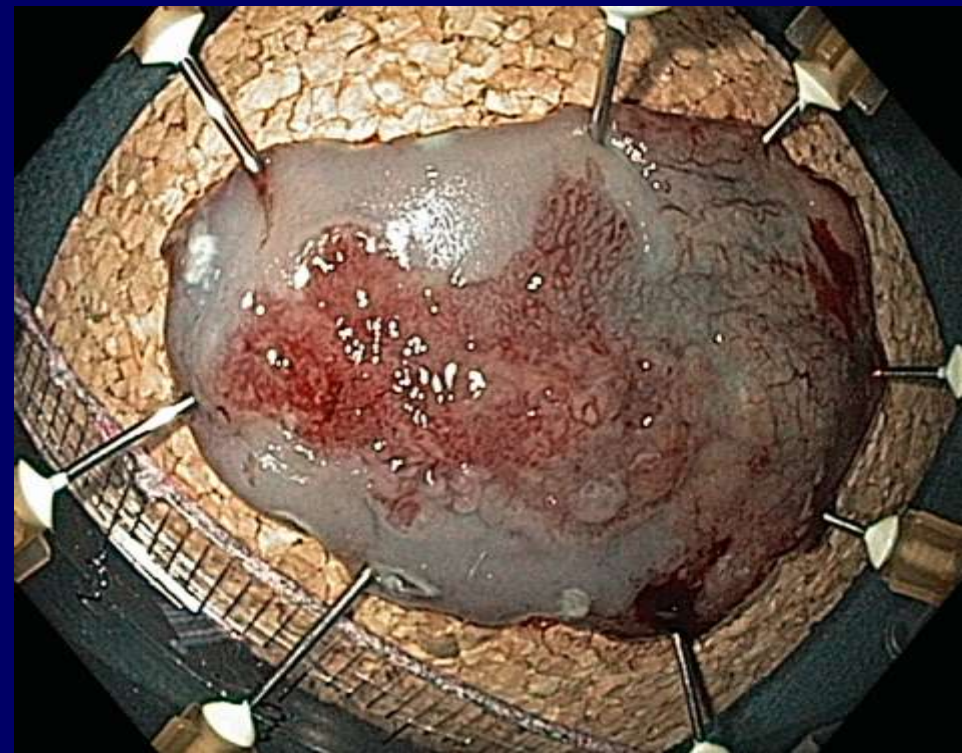
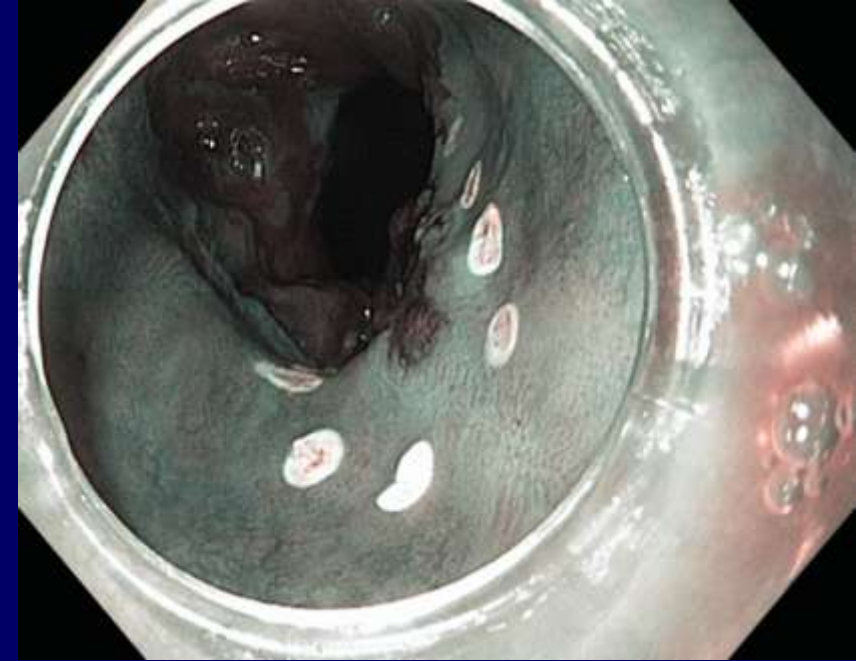
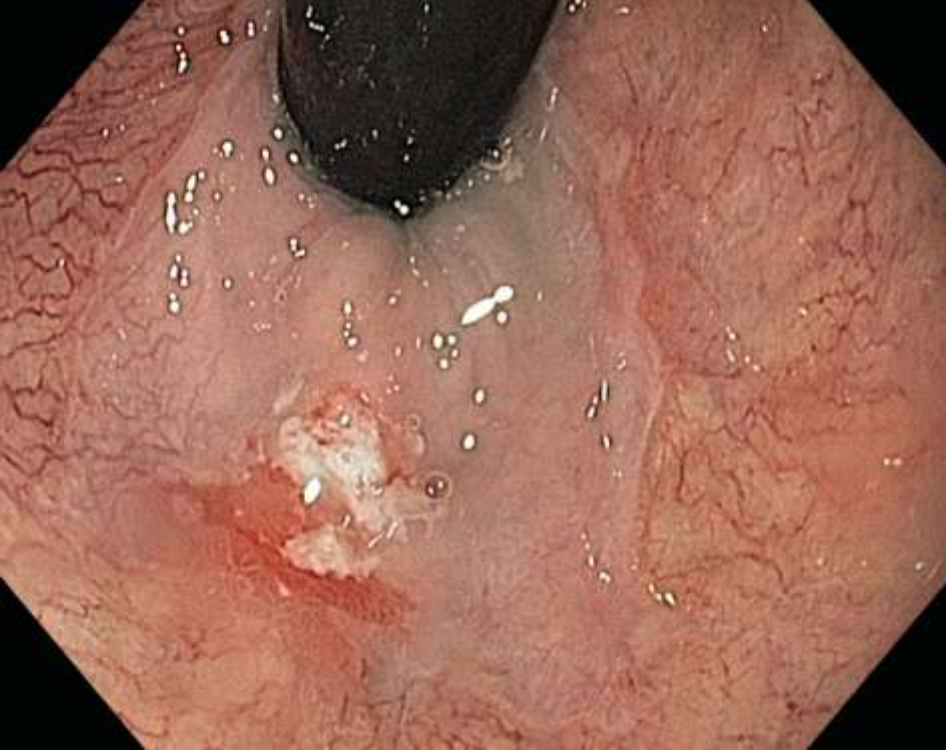
Une acutisation récente

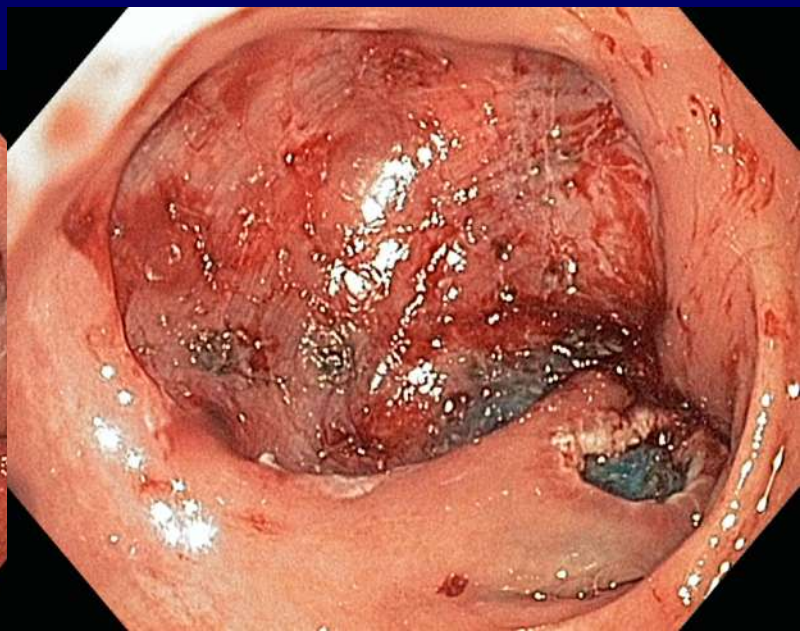
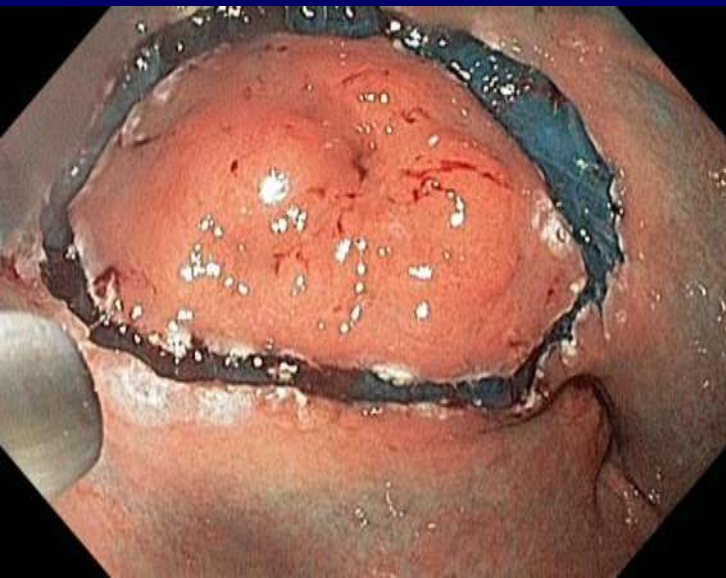
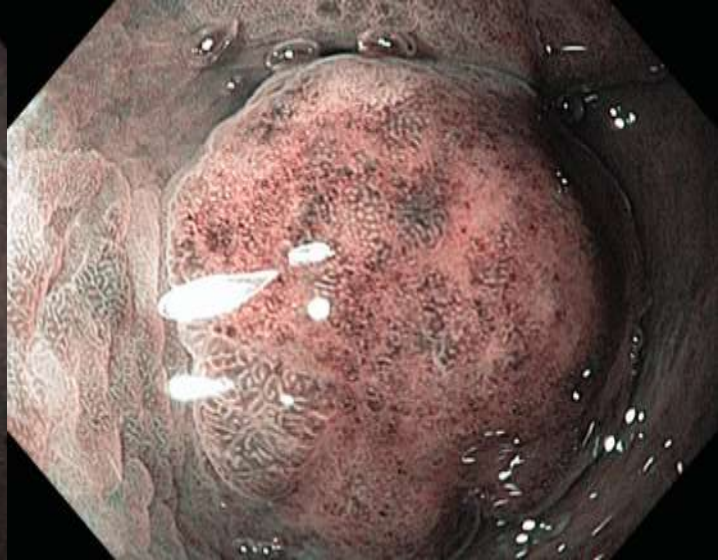
L'endoscopie utilise

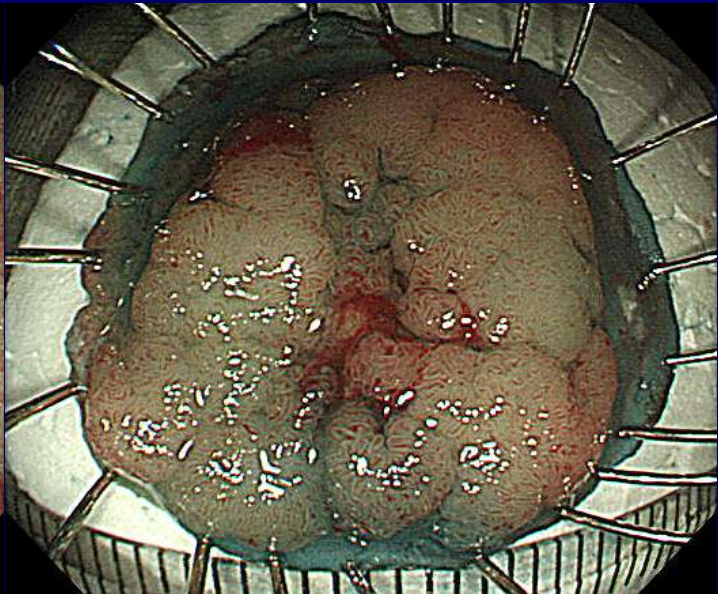
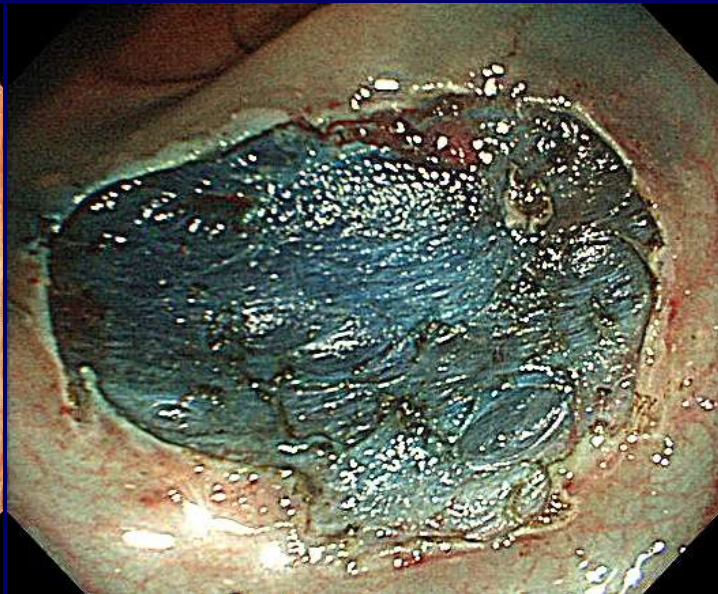
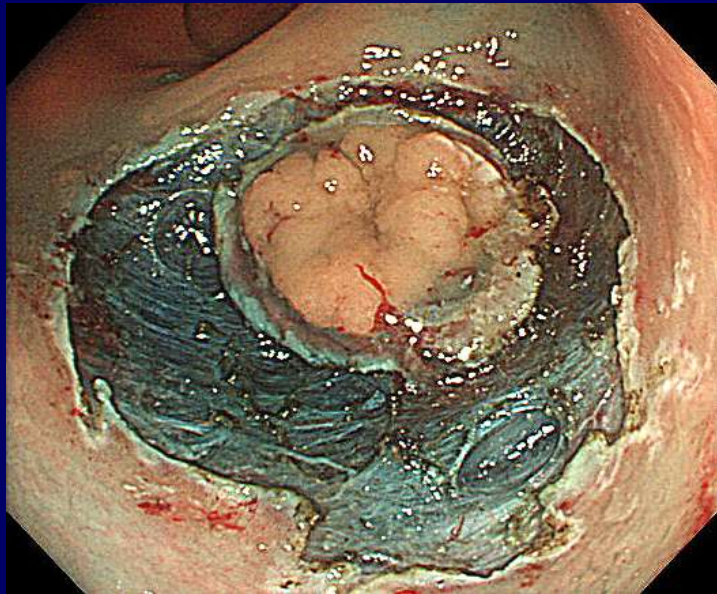
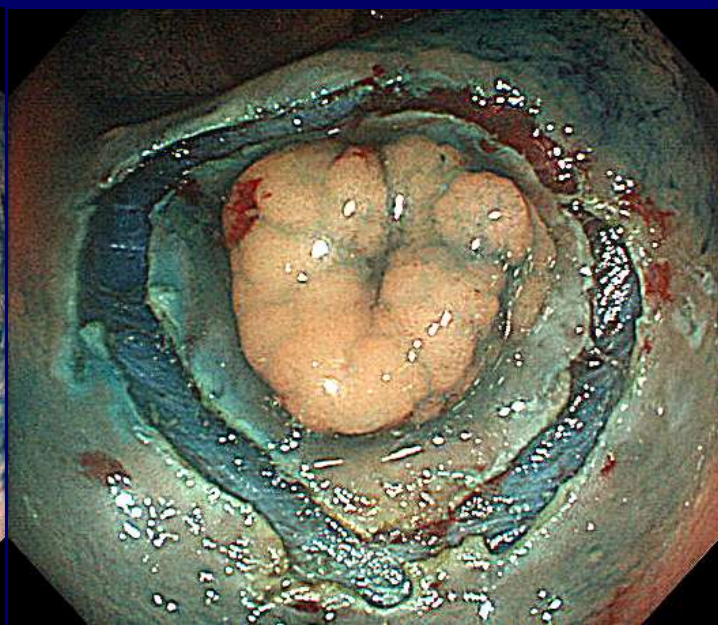
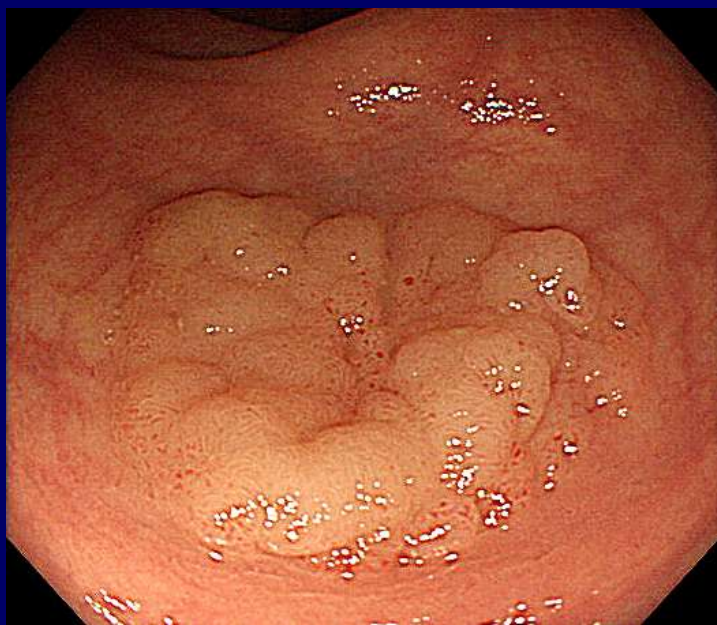
- 1- Les principes de la chirurgie
- 2- Les outils de la chirurgie
- 3- Le domaine extraluminal

Les principes de la chirurgie

 **respect des règles carcinologiques**
traitement des complications

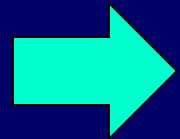






Les principes de la chirurgie

respect des règles carcinologiques



traitement des complications

VEAVE

Nom:

Sexe:

Age:

Date de naissance:

23/07/2008

11:41:05

C:N

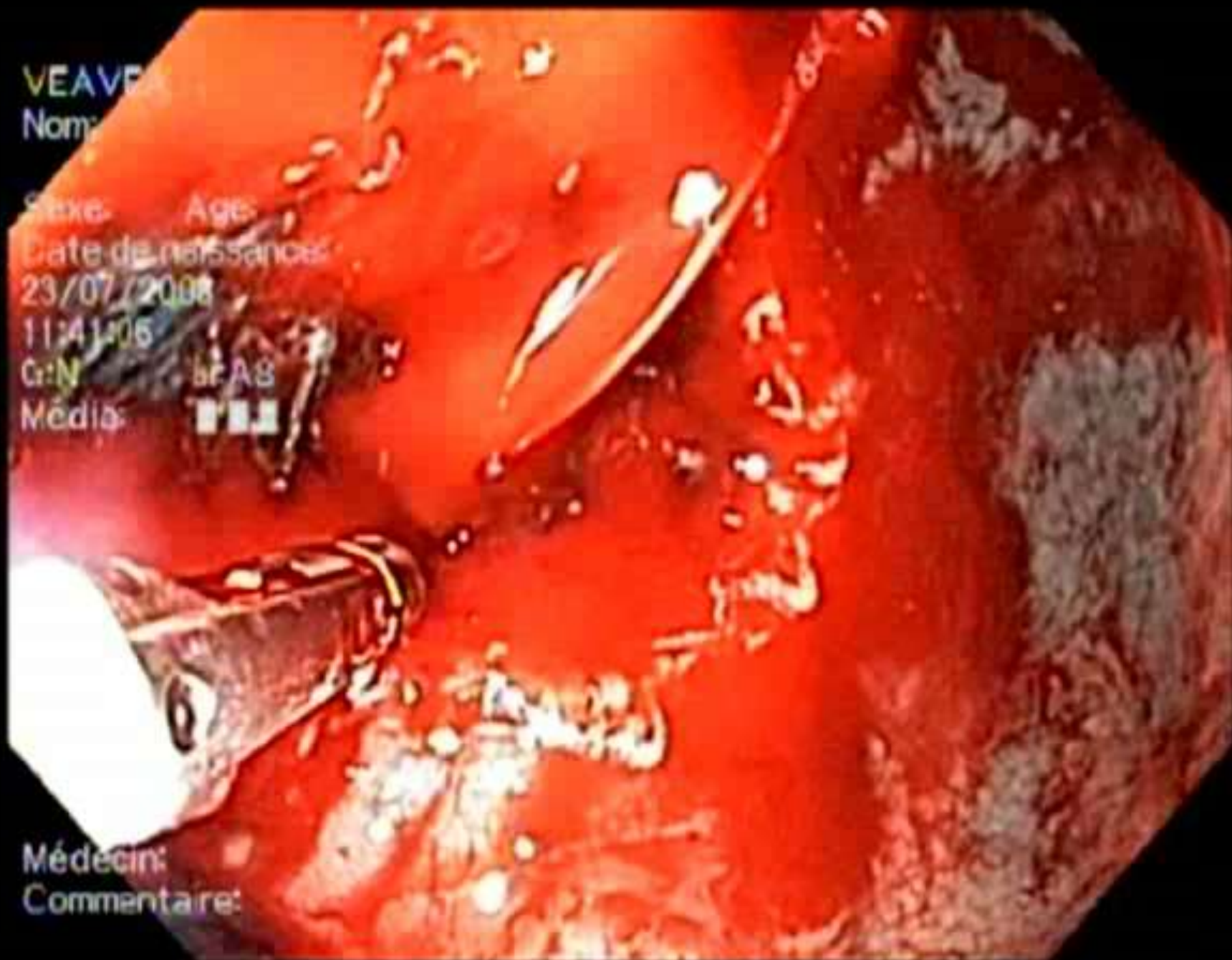
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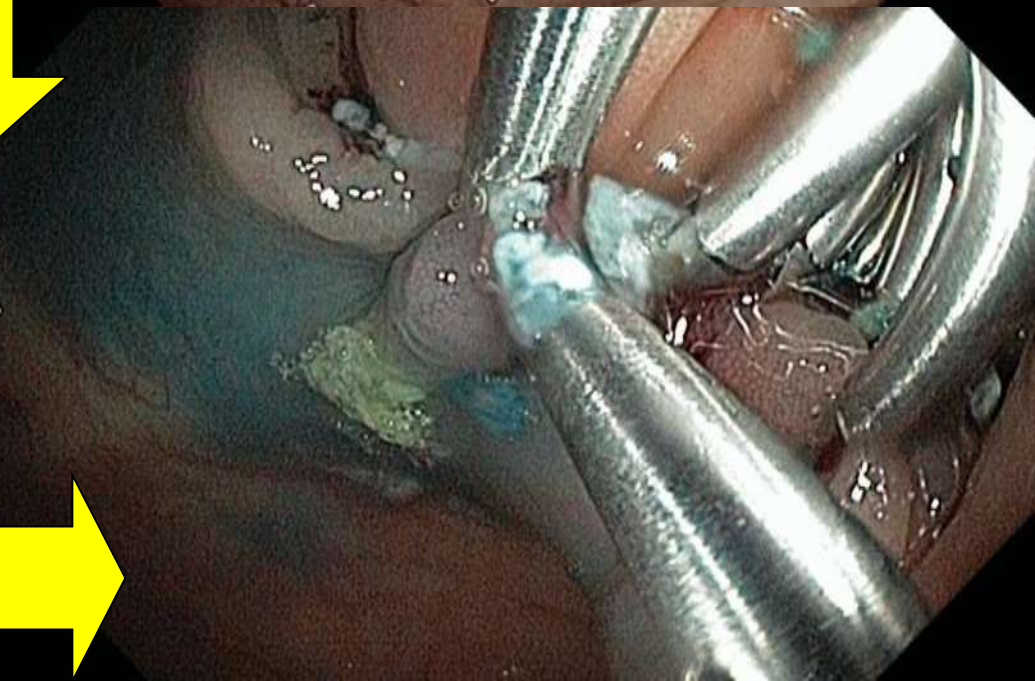
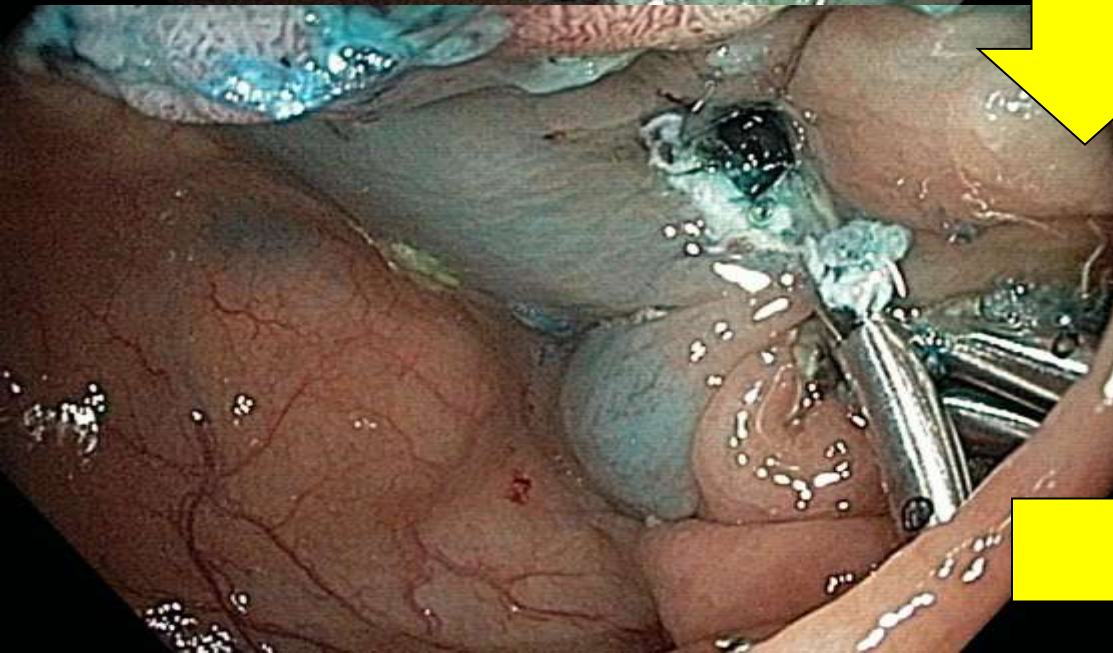
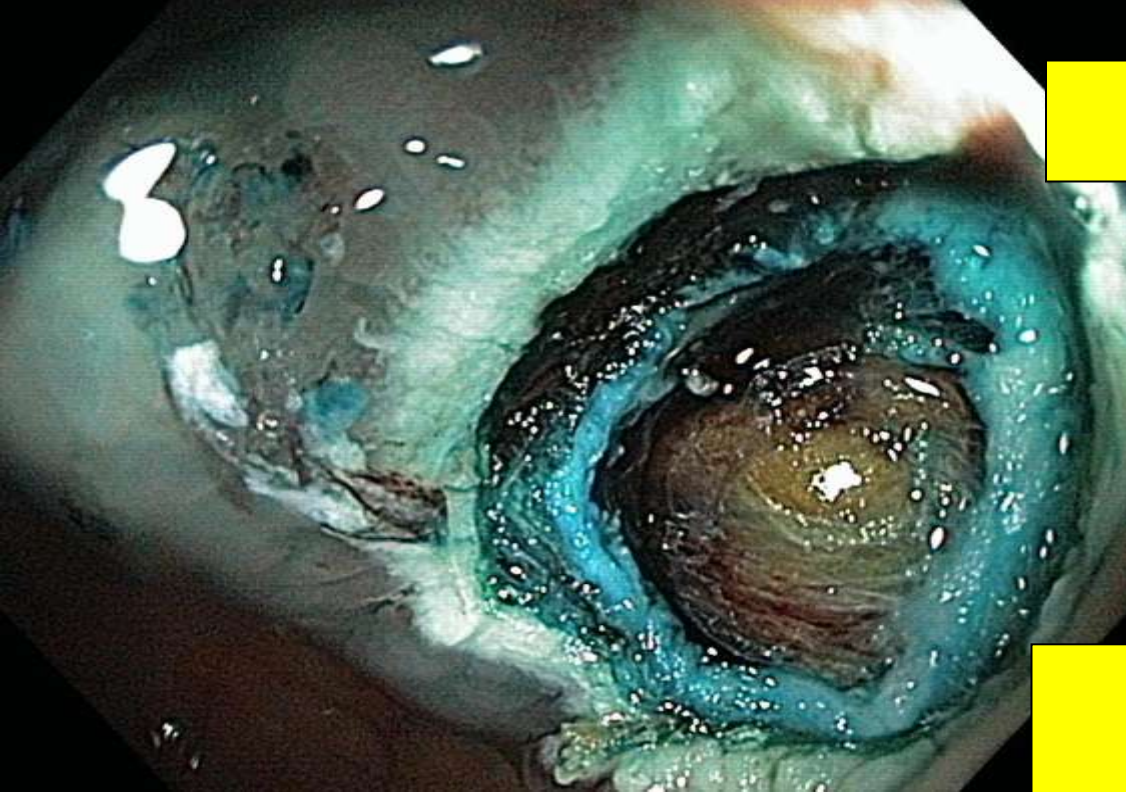
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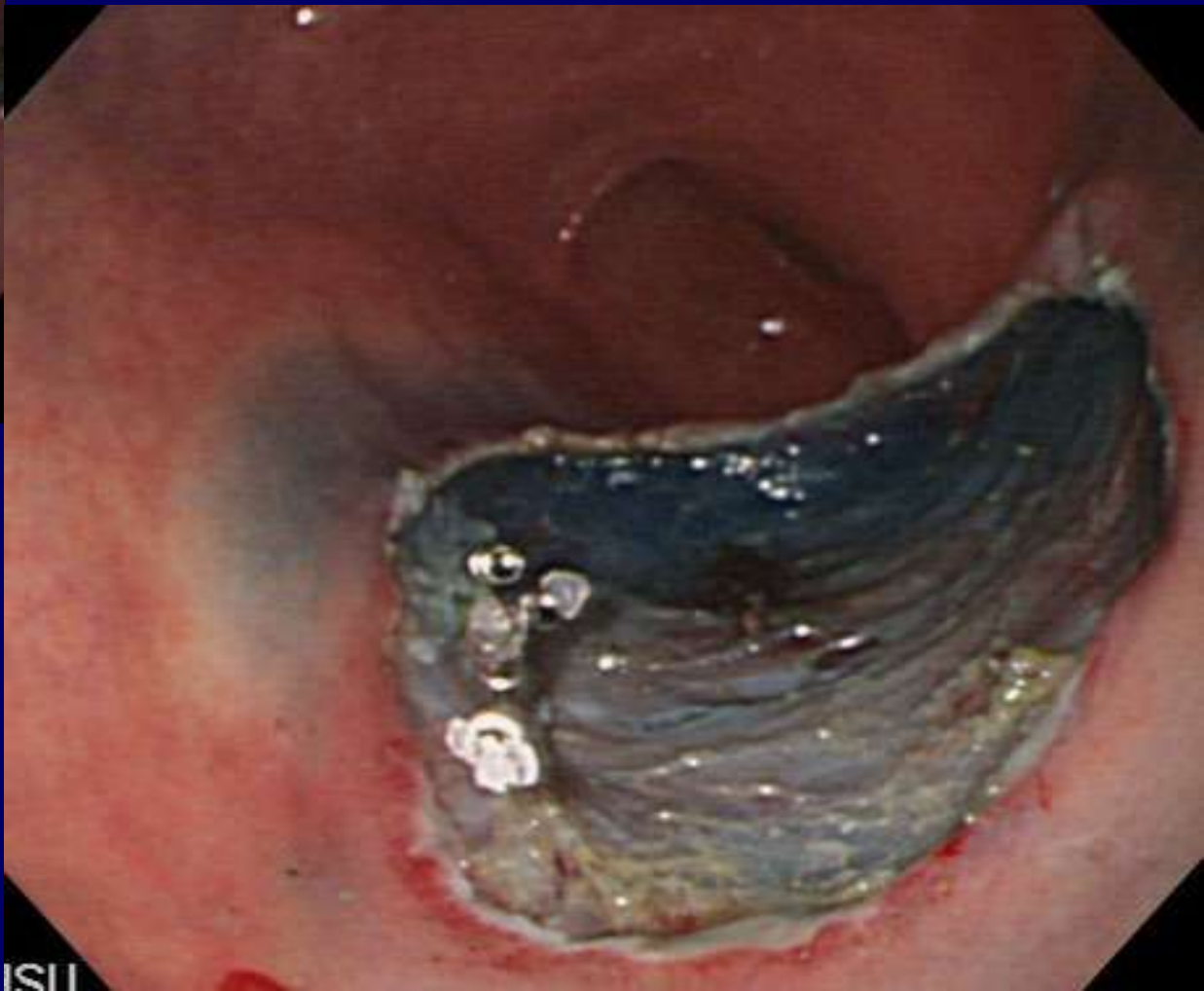
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Médecin:

Commentaire:







Une acutisation récente

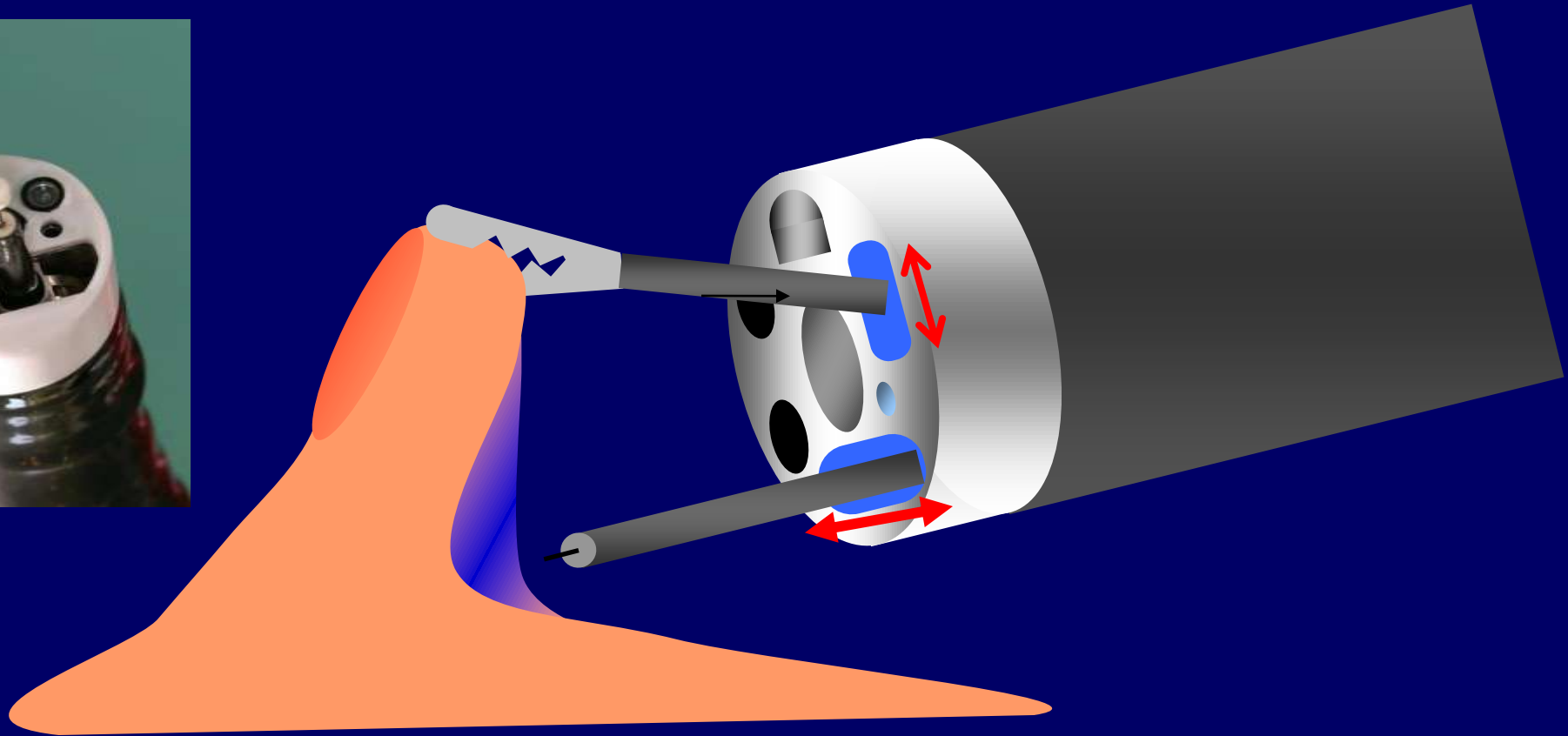
L'endoscopie utilise

- 1- Les principes de la chirurgie
- 2- Les outils de la chirurgie
- 3- Le domaine extraluminal

Triangulation.....

Plateforme.....

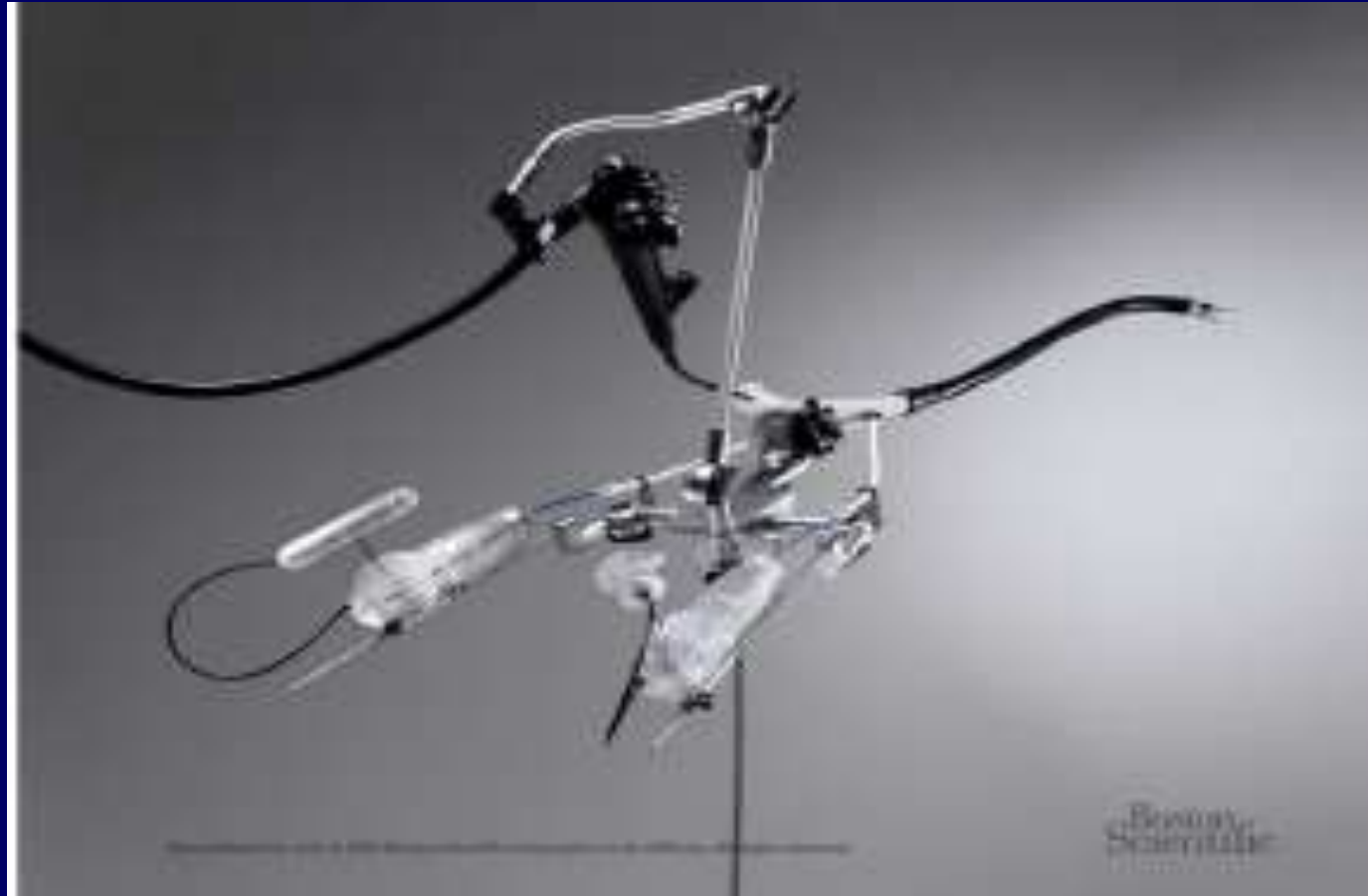
R-Scope



COBRA



BOSTON SCIENTIFIC



OLYMPUS ENDOSAMURAI

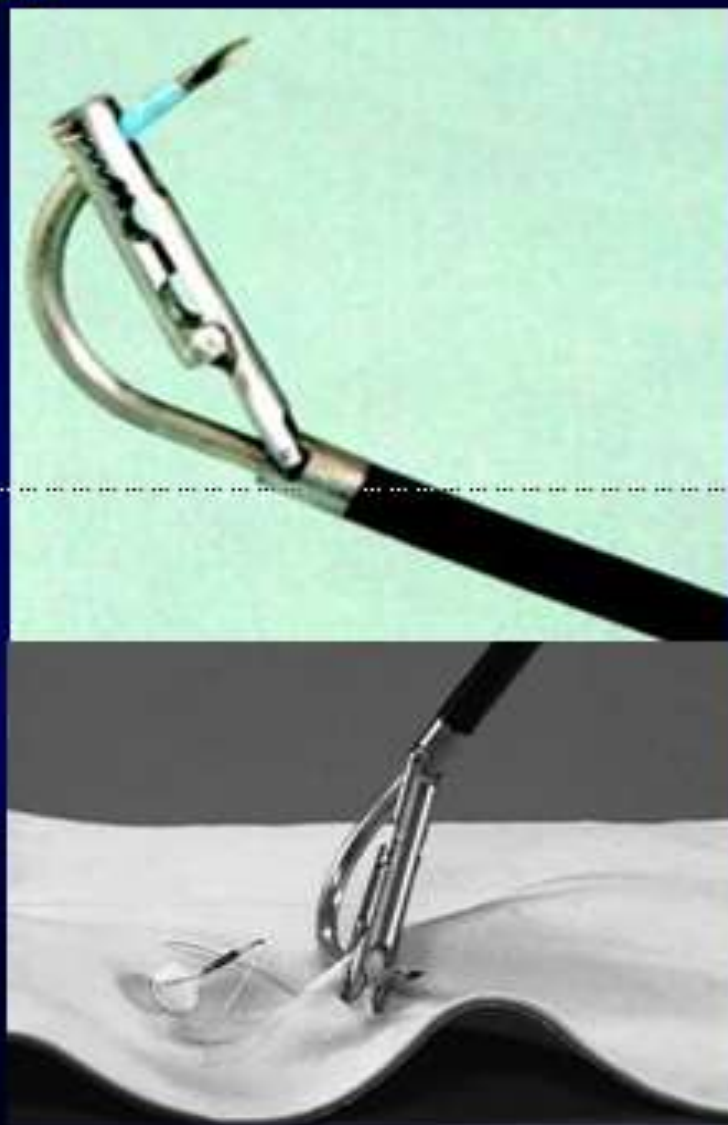


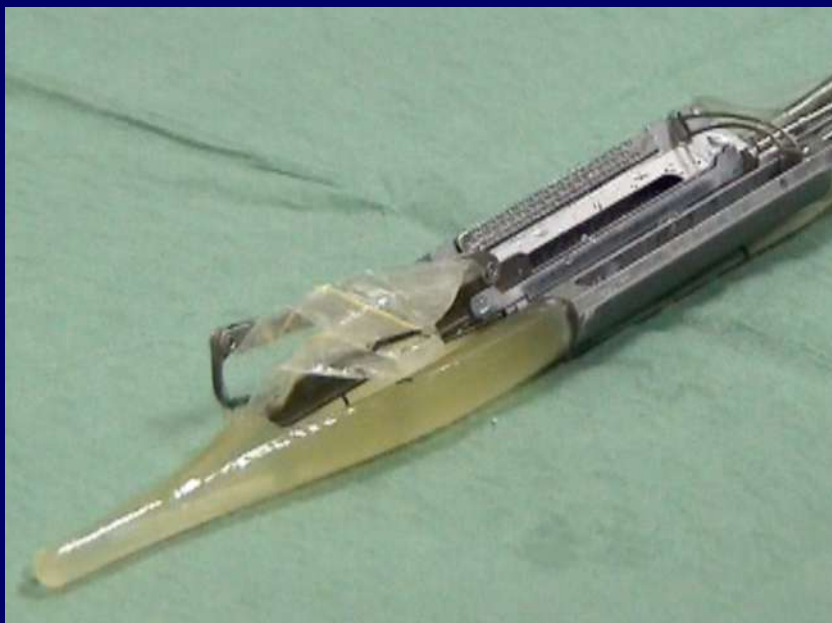
Suture, stapler,

Eagle Claw



NOTES Device: Suturing G-Prox





Une acutisation récente

L'endoscopie utilise

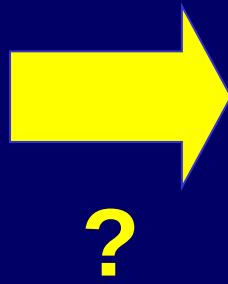
- 1- Les principes de la chirurgie
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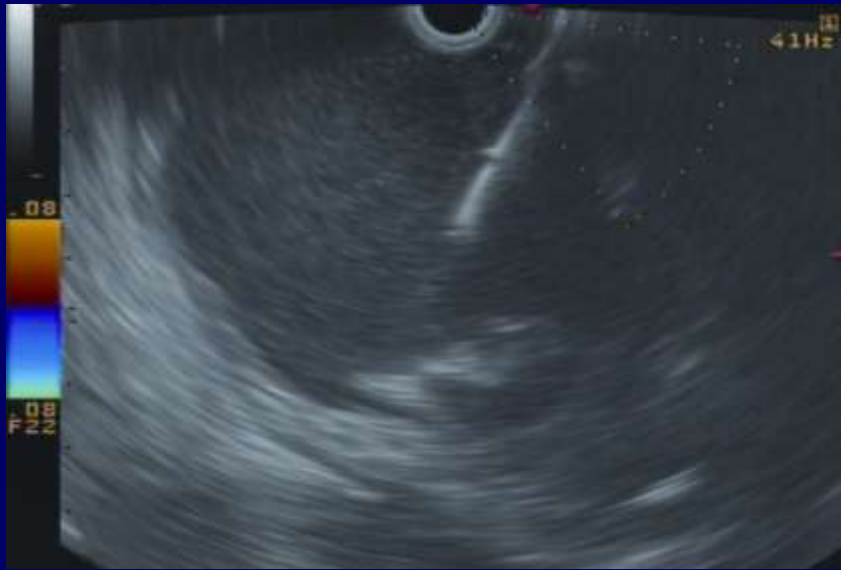


Echoendoscopie =

Cheval de Troie de l'endoscopie

NECROSECTOMIE

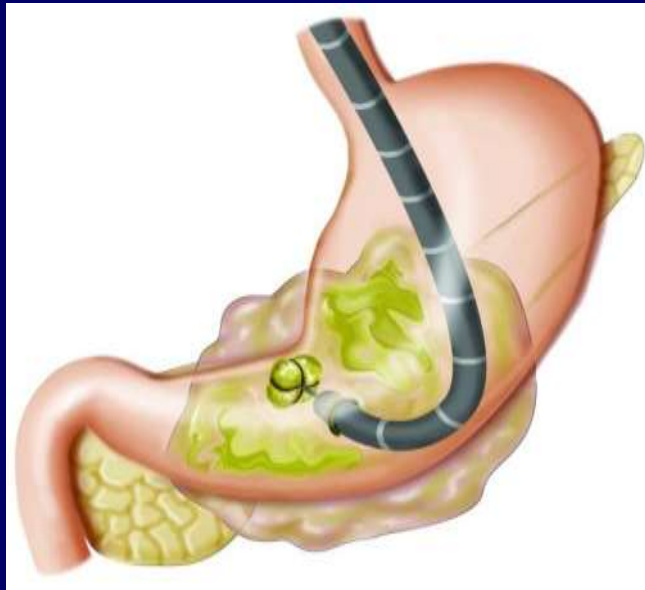
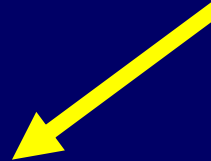




Ponction EE guidée



Dilatation du trajet



Insertion endoscope dans le kyste



Necrosectomie

Seewald
GIE 2005; 62: 92-100

De l'endoscopie à la chirurgie

Éléments décisifs:

Anesthésie

Bloc endoscopique de type chirurgical

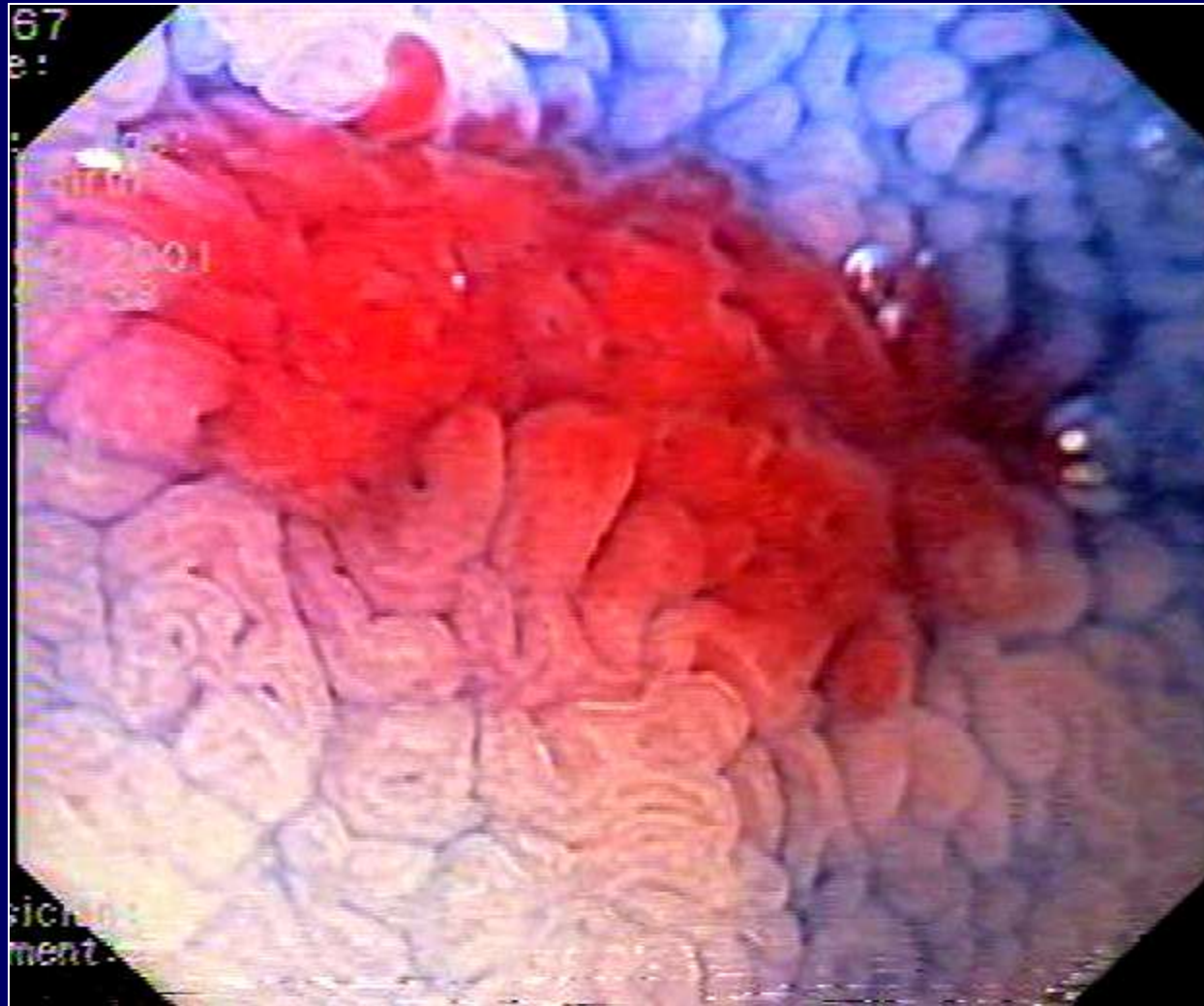
De l'endoscopie à la chirurgie

Nouveau métier

« Endoscopiste interventionnel »

2 niveaux d'organisation

- Endoscopie dg et niveau I le plus près possible du cabinet du gastro
- Endoscopie interventionnelle



MERCI !