

# Endoscopy Skills Days 2019 Posters

Adapted from Presentations by:

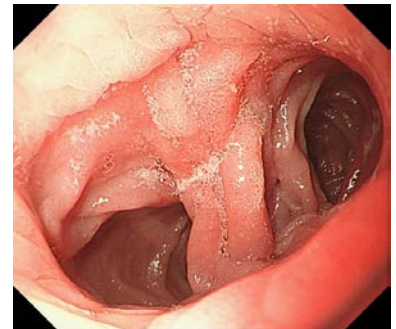
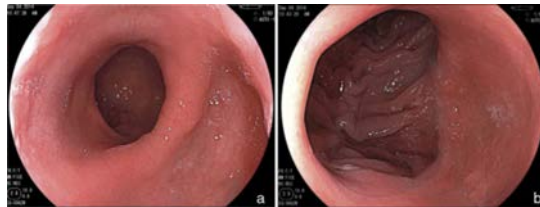
Dr. Shahzeer Karmali, Dr. Rachid Mohamed,

Dr. Clarence Wong, Dr. Kaleb Marr



## Laparoscopic Roux-en Y Gastric Bypass (LRYGB), Karmali

– Endo Skills Day 2019

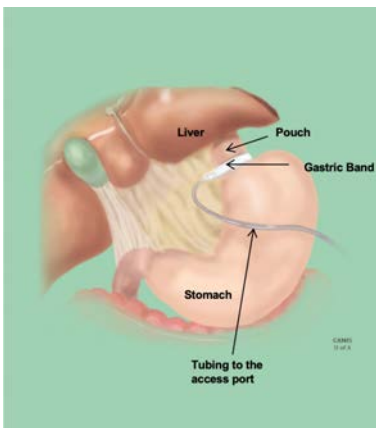


## Laparoscopic Sleeve Gastrectomy, Karmali, Endo Skills Day 2019

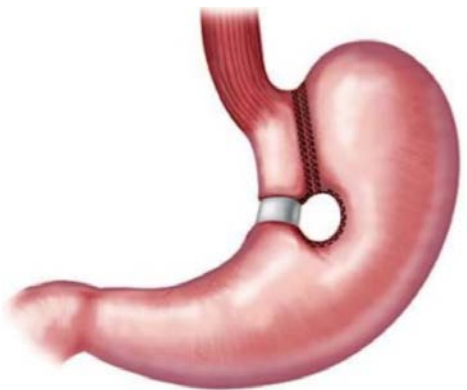


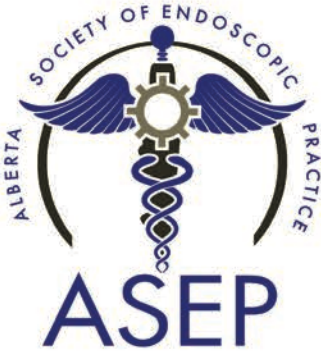


## Laparoscopic Adjustable Gastric Band, Karmali, Endo Skills Day 2019

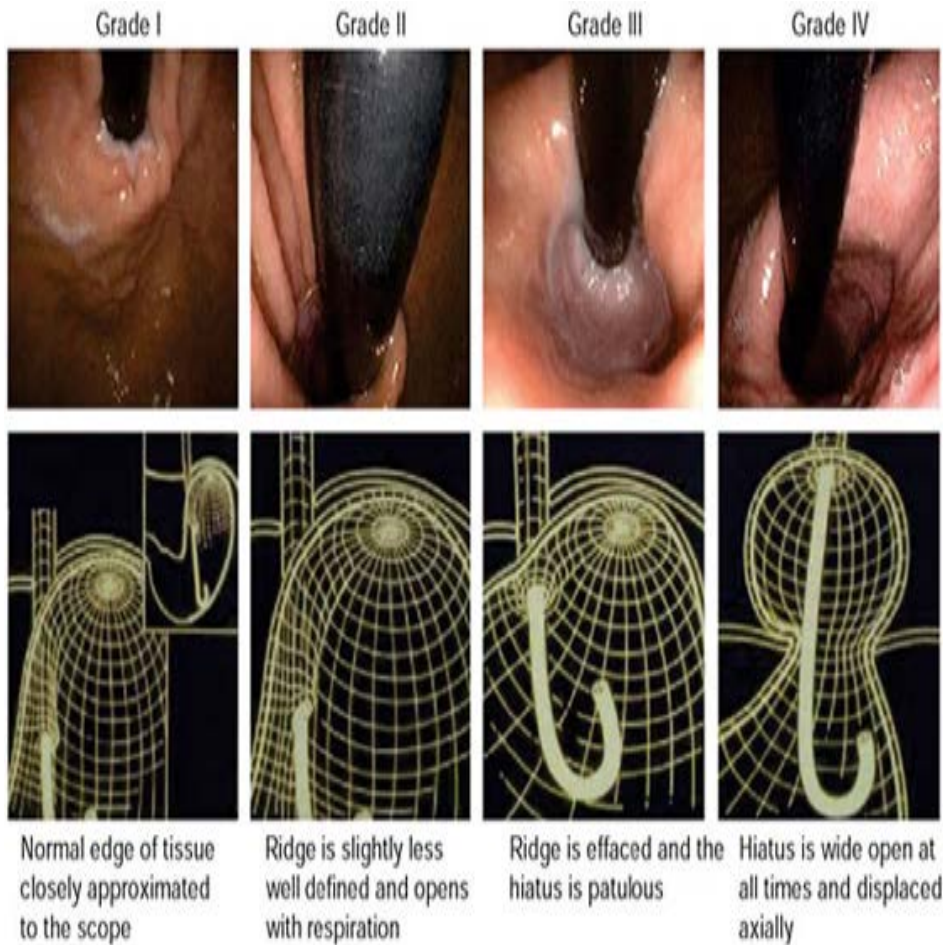


## Vertical Banded Gastroplasty, Karmali, Endo Skills Day 2019





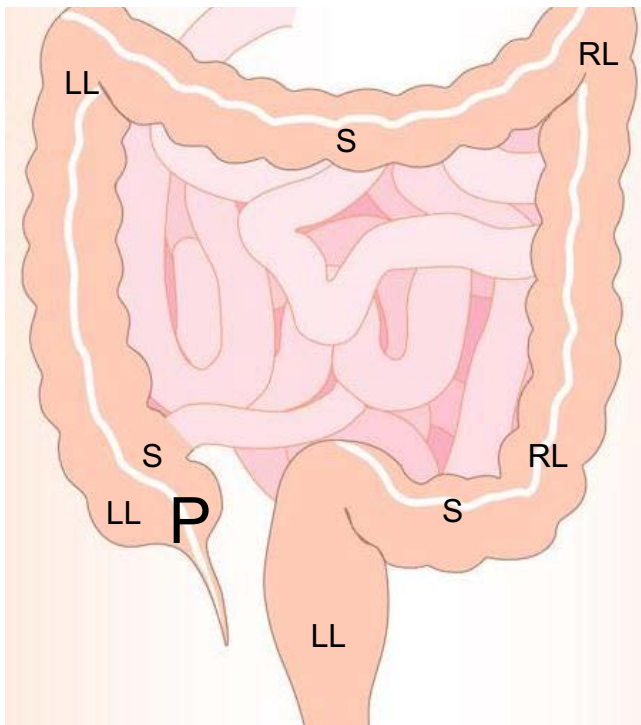
## Hill grading, presented by Karmali, Endo Skills Day 2019





## Position Change

S Thomas Gibson, 2012 – Presented by Wong, Endo Skills Day 2019



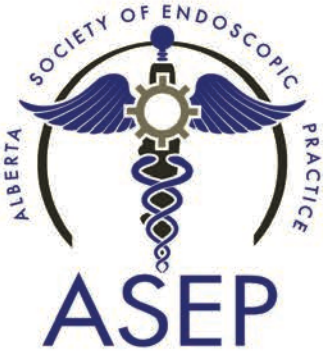
Easy in light  
sedation

Optimal  
position

S supine

LL left lateral

P Prone



## Endoscopic Surveillance for gastric intestinal metaplasia

Presented by Rachid Mohamed – Endo Skills Day 2019

Intestinal metaplasia  
(extensive) with no  
dysplasia

- Recommended endoscopy every 3 years

Intestinal metaplasia  
(limited to antrum)  
with no dysplasia

- No recommended surveillance

Intestinal Metaplasia  
with lesion

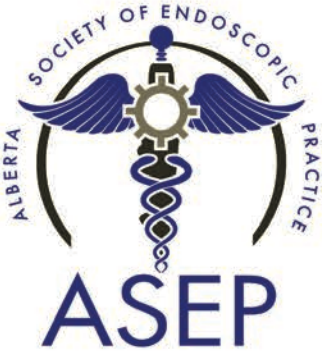
- Requires complete endoscopic excision for pathology
- EMR vs. ESD – a debate for another day

Intestinal Metaplasia  
with LGD

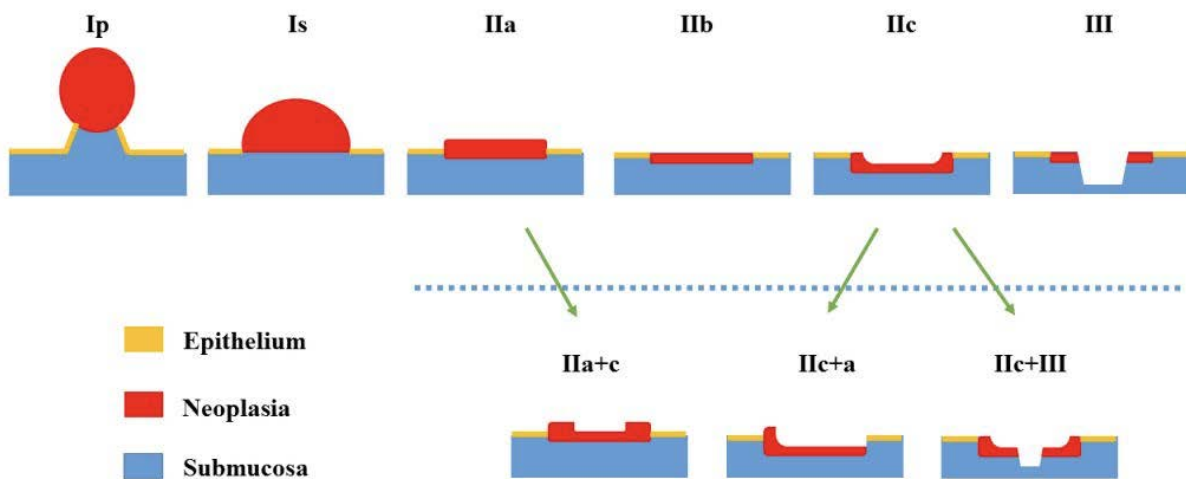
- Annual endoscopic follow up with biopsies

Intestinal Metaplasia  
with HGD

- Immediate repeat endoscopy with further sampling
- Ongoing surveillance every 6-12 months





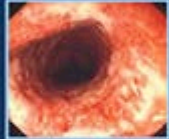

## Paris Classification, Wong, Endo Skills Day 2019





## Mayo Score, Marr, Endo Skills Day 2019

### Mayo Score of Endoscopic Severity of Disease (used in ASCEND, MATRIX, ACT Studies)


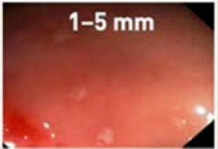
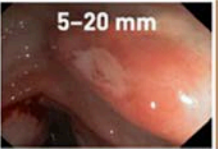
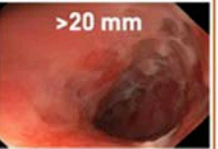

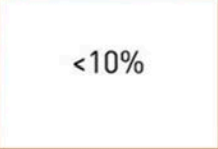






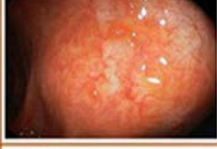
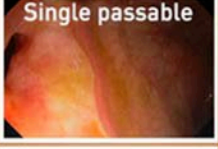
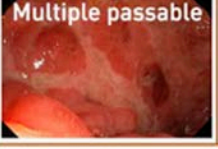

0 = NORMAL	1 = MILD	2 = MODERATE	3 = SEVERE
			
<ul style="list-style-type: none"> <li>• No friability or granularity</li> <li>• Intact vascular pattern</li> </ul>	<ul style="list-style-type: none"> <li>• Erythema</li> <li>• Diminished or absent vascular markings</li> <li>• Mild granularity</li> </ul>	<ul style="list-style-type: none"> <li>• Marked erythema</li> <li>• Absent vascular markings</li> <li>• Granularity</li> <li>• Bleeds with minimal trauma (friability)</li> <li>• No ulcerations</li> </ul>	<ul style="list-style-type: none"> <li>• Marked erythema</li> <li>• Absent vascular markings</li> <li>• Granularity</li> <li>• Friability</li> <li>• Spontaneous bleeding in the lumen</li> <li>• Ulcerations</li> </ul>

**Standard "mucosal healing" is subscore of 0 or 1**

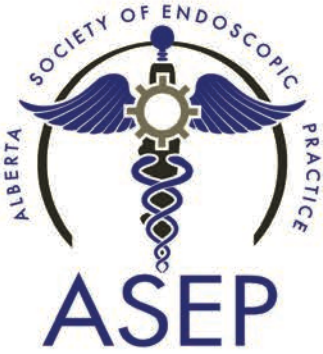




## Cohn's SES Score, Marr, Endo Skills Day 2019

SES-CD activity index				
SES-CD	0	1	2	3
Presence and size of ulcers		1-5 mm 	5-20 mm 	>20 mm 
Extent of the ulcerated surface		<10% 	<10-30% 	>30% 
Extent of the affected surface		<50% 	<50-70% 	>70% 
Presence and type of stenosis		Single passable 	Multiple passable 	Impassable 
5 segments	Rectum Left colon Transverse colon Right colon Ileum	SES-CD	<Inactive 3-6 Mild activity 7-15 Moderate activity ≥16 Severe activity	

Section II.2.1.1. Figure 3. SES-CD activity index.



## Dysplasia Surveillance, Marr, Endo Skills Day 2019

Timeline of endoscopic surveillance according to risk factors after screening colonoscopy.  
 CRC, colorectal cancer; PSC, primary sclerosing cholangitis; OLT, orthoptic liver transplantation.

Risk level	Risk factors	Surveillance
Lower risk	Extensive colitis with mild endoscopic or histological inflammation Colitis affecting <50% of the colon	Every 5 years
Intermediate risk	Extensive colitis with mild endoscopic or histological inflammation [or both] CRC in a first-degree relative older than 50 years	Every 2–3 years
Higher risk	Extensive colitis with moderate-to-severe endoscopic or histological inflammation [or both] CRC in a first-degree relative younger than 50 years History of PSC [included post-OLT] Stricture in past 5 years Dysplasia in the past 5 years in a patient who declines surgery	Yearly