

## 5th World Congress on SURGEONS

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**Classification of Colonic Polyps during Colonoscopy/Sigmoidoscopy- A Quality Improvement Audit****Tarek Garsaa**

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**Objectives :** The audit was carried out to find out the current practice within the Colorectal Department at Ysbyty Gwynedd Hospital, and find out the level of compliancy with ACPGBI recommendations.

**Method:** The audit was done as a retrospective study, collecting a total of 452 patient sample from 01/01/2022 to 21/01/2022. The patient list was generated from an electronic database of all the people who underwent colonoscopy and sigmoidoscopy during the aforementioned time period.

**Results:** A total of 452 patients underwent colonoscopy/sigmoidoscopy, and among them 113 patients had polyps. Total number of individual polyps detected were 294. 224 polyps were resected and 70 left unresected. 157 polyps were described as per morphology, PIT and size, the rest 137 were not described fully. Regarding size, maximum (49.8%) polyps were within 1-5mm range. Maximum number of polyps were found in Distal Sigmoid (18%). Low grade tubular adenoma was the most prevalent histological types in the resected polyps (35.9%).

**Conclusions :** 100% endoscopists have described the site of polyps while 95.25% have described the size of polyps. 68.14% have described the morphology. There is 28.99% discrepancy between histology results and PIT classification. This is an improvement from 41.38% discrepancy from the first cycle of audit. Also, a greater number of endoscopist used the PIT and PARIS classification in describing the polyps compared to the previous audit.

**Biography**

Tarek Garsaa completed his education and continuing his excellence as a Consultant general and colorectal surgeon at Betsi cadwaladr NHS Trust United Kingdom.

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