



**Gastroenterology Audit and Research Network: East Midlands Trainees (EMiT)
Notes from meeting with Members present at regional training day held on 1 March 2017,
Hilton Hotel East Midlands Airport**

Focus for next phase of PPI in AUGIB audit and quality improvement

This followed on from teaching day session about quality improvement projects. Discussions included trainee ideas for quality improvements, PDSA cycle, driver diagram and process maps.

RI briefly summarised the key findings from PPI in AUGIB audit and presented the table of variations between Sites from BSG abstract. Members agreed our focus should be on improving the proportion of patients receiving an endoscopy within 24 hours of first presentation. Agreed that "endoscopy" should not currently be qualified as "effective endoscopy". Proformas with scores recommended by NICE could be developed, but this was felt to be less important.

Agreed to look at current dataset to identify factors that might be related to time to endoscopy. For example, day/time of admission, markers of severity (GBS and Rockall scores, shock index, use of blood products, endoscopic diagnosis and need for endotherapy) and adverse outcomes (failure to achieve haemostasis, re-bleeding, mortality). Could also undertake additional exploratory analyses with other measures within dataset (for example, potential surrogate quality markers like having a GBS completed vs time to endoscopy, GBS vs need for endotherapy). These will be fed back to Members and Site Leads. RI explained that further information and clarification of some data points is needed from most Sites.

CS presented endoscopy process map. This will be shared with Site Leads and can be used in local discussions to help to identify potential delays, including system and human factors.

Agreed that Site Leads would also analyse data for their own Site. This and the regional data can be presented at local meetings with consultants, endoscopy team and potentially other interested parties. AUGIB management against NICE standards is an important component of JAG-mandated audit, which could further evidence if time to endoscopy is an important area for each Site and how it sits with other local priorities. Site Teams will need to identify:

- how the AUGIB service is delivered at each hospital, including lists and when slots are on lists,
- factors and processes prior to the decision to scope, and then prior to the endoscopy
- if they plan to collect further data (for example, flow chart of different times from referral to identify delays; not envisaged across the region but could be straightforward at some Sites),
- where admission to a medical bed is a pre-requisite to endoscopy, would identifying a "GI bleed bed" be possible (in similar way to beds for NIV etc)?

Agreed that key questions to ask of representatives of every staff group involved in this patient journey are: "what one thing would you change to improve the proportion of patients receiving endoscopy within 24 hours?" and "who else should we ask?". This will help to engage colleagues. Use of regional survey monkey to gather some feedback would be an option, though would not engage several groups.

Discussed whether to collect further data vs implement change. Consensus was that should implement change prior to re-audit. However, agreed that it is important for Sites to follow the type of approach discussion to identify rational quality improvement(s). No detailed plan for re-audit and amendments to plan/proforma were agreed at this stage.

Feedback at next teaching day (24/04/17), with the opportunity to share lessons learned and good practice across different Sites. The subsequent timetable will then be established in order to fully implement changes and re-audit to see if these resulted in improvement in quality measure. The GARNet may undertake future simultaneous audit across interested Sites in the East Mids together with other regions (West Mids and North West have expressed an interest). Other upcoming dates are: MGS meeting 12/05/17, regional teaching day 23/05/17, BSG 19-22/06/17, final regional teaching day prior to rotation 06/07/17.