Implementation of the ‘bundle’ in the QIC study.

Methods

We performed a qualitative interview study to evaluate factors that influenced the implementation of evidence into clinical practice. Results showed that introducing the ‘bundle’, supported by a nominated local lead colonoscopist and nurse. Posters were supplied for each endoscopy room to encourage use of quality measures.

Results

The use of FCP is increasing. In our unit, the majority of patients were categorised by age and FCP result. Outcomes in patients without IBD were categorised as: new IBD, non-specific inflammation/ulceration (NSI), peptic ulcer disease (PUD), cancer, colorectal adenoma (CRA), coeliac disease, or other (including irritable bowel syndrome, bile salt malabsorption) or unknown where no additional information was available.

Abstract PTH-161 Table 1

<table>
<thead>
<tr>
<th>Group</th>
<th>Known IBD (%)</th>
<th>New IBD (%)</th>
<th>PUD (%)</th>
<th>NSI (%)</th>
<th>Cancer (%)</th>
<th>CRA (%)</th>
<th>Coeliac (%)</th>
<th>Unknown (%)</th>
<th>Other (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age &lt; 55 + FCP 60–100 (n = 15)</td>
<td>AB4 (26.7)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB2 (13.3)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB1 (6.7)</td>
<td>AB8 (53.3)</td>
</tr>
<tr>
<td>Age &lt; 55 + FCP &gt; 100 (n = 68)</td>
<td>AB39 (57.4)</td>
<td>AB8 (8.8)</td>
<td>AB2 (2.9)</td>
<td>AB3 (4.4)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB1 (1.5)</td>
<td>AB4 (5.9)</td>
<td>AB13 (19.1)</td>
</tr>
<tr>
<td>Age &gt; 55 + FCP 60–100 (n = 11)</td>
<td>AB3 (27.3)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB1 (9.1)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB7 (63.6)</td>
</tr>
<tr>
<td>Age &gt; 55 + FCP &gt; 100 (n = 42)</td>
<td>AB22 (52.3)</td>
<td>AB2 (4.8)</td>
<td>AB0 (0.0)</td>
<td>AB0 (0.0)</td>
<td>AB2 (4.8)</td>
<td>AB2 (4.8)</td>
<td>AB0 (0.0)</td>
<td>AB2 (4.8)</td>
<td>AB12 (28.5)</td>
</tr>
</tbody>
</table>

Conclusion

Implementation of evidence into clinical practice can be challenging. During the QIC study challenges included arranging staff meetings and engaging all team members. Positive outcomes included increased awareness of colonoscopy quality, particularly slower withdrawal times, and empowerment of endoscopy nurses to promote quality measures.

Disclosure of Interest

None Declared.

P TH-162

THE CHALLENGES OF IMPLEMENTING EVIDENCE INTO ENDOSCOPIC PRACTICE: A QUALITATIVE STUDY

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Introduction

The Quality Improvement in Colonoscopy (QIC) study was a region wide service improvement study that aimed to improve adenosma detection rate (ADR), and thus quality in colonoscopy, through implementation of a ‘bundle’ of measures to routine colonoscopy practise. These were: withdrawal time ≥ 6 minutes; routine hydrocynic butylbromide use; supine position to examine the transverse colon; rectal retroflexion. Each has been shown to improve adenosma detection. The implementation of evidence into clinical practise can be challenging. We performed a qualitative interview study to evaluate factors that influenced implementation of the ‘bundle’ in the QIC study.

Methods

The study took place in 12 units who are members of the Northern Region Endoscopy Group, a research network in the north east of England. The study team held training sessions in each unit to introduce the ‘bundle’, supported by a nominated local lead colonoscopist and nurse. Posters were supplied for each endoscopy room to aid promotion. Following QIC study completion units and individuals were purposively sampled for the qualitative interview study ensuring a range of units (by size, bundle uptake) were included. Semi-structured interviews were conducted until saturation was reached. Data were evaluated using thematic analysis to code and categorise interviews.

Results

119 colonoscopists participated in the QIC study. Interviews were conducted with 11 participants. 8 were lead colonoscopists, 1 a lead nurse and 3 colonoscopists who weren’t leads. Increased emphasis on examination time, increased awareness of ADR as a quality marker and empowerment of endoscopy nurses to encourage use of quality measures were seen as positive impacts of introducing the ‘bundle’. The simple, highly visible posters were also reported as useful in aiding study promotion. Challenges included difficulty in arranging set up meetings and in engaging certain specialty groups.

Conclusion

Implementation of evidence into clinical practise can be challenging. During the QIC study challenges included arranging staff meetings and engaging all team members. Positive outcomes included increased awareness of colonoscopy quality, particularly slower withdrawal times, and empowerment of endoscopy nurses to promote quality measures. We demonstrate that emphasis on timing of meetings and strategies to engage specialty groups should be given consideration when planning implementation of evidence or guidelines into clinical practise.

Disclosure of Interest

None Declared.

P TH-163

NURSE LED TELEPHONE CLINICS: THE NHS REVOLUTION IN MAKING

doi:10.1136/gutjnl-2013-304907.650

Introduction

Patients under the care of Gastroenterologists suffer from a wide variety of acute and chronic conditions which often need regular intensive monitoring. This often necessitates frequent outpatient visits and follows up blood tests.

To improve both patient care and efficiency, a telephone clinic led by nurse specialists was instigated.

The patients included those with follow ups of investigations into anaemia, abnormal liver function tests, coeliac disease, inflammatory bowel disease hepatitis B/C and irritable bowel disease.

Patients, who required drug monitoring, follow up of blood tests, histology and radiological investigations including flare ups of their inflammatory bowel condition were included.

Methods

This initial consultation was in a consultant led clinic following which the results were communicated via the telephone clinic in 4–6 weeks. Depending on the initial results further investigations, treatment or follow up was arranged according to clinical need.

Patients with flares of IBD, follow up of treatment of Hepatitis B/C were now directly in contact with nurse led telephone clinics who in turn could give specialist advice and expedite treatment and investigations.

December 2009 were analysed. Similar data from 2005 was used as control.\(^a\) January 2009 to \(^b\) Data regarding outpatient and telephone clinic activities from 1.

Disclosure of Interest

None Declared.
Results In 2005 there were 1046 new patients and 3752 follow ups. In 2009 there were 1227 new patients and 3275 follow ups, 535 of which were seen by the telephone clinic services exclusively. There were no adverse events recorded in this cohort.

The number of follow ups reduced substantially saving clinic time, improving efficiency and allowing us to see extra 17.3% patients.

Conclusion The nurse led telephone clinics have improved efficiency, safety of the gastroenterology services and improved the new to follow up ratio from 0.27 to 0.37. Patient survey data suggests that they were not only happy with the telephone clinic service but would prefer that in order to save time and money.

Disclosure of Interest None Declared.

**Abstract PTH-165 Table 1**

<table>
<thead>
<tr>
<th>2012</th>
<th>Total</th>
<th>Canc</th>
<th>Defer</th>
<th>Leave</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
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<td>102</td>
<td>42</td>
<td>18</td>
<td>39</td>
<td>3</td>
</tr>
<tr>
<td>May</td>
<td>96</td>
<td>28</td>
<td>7</td>
<td>60</td>
<td>1</td>
</tr>
<tr>
<td>Jun</td>
<td>106</td>
<td>28</td>
<td>15</td>
<td>63</td>
<td>0</td>
</tr>
<tr>
<td>July</td>
<td>124</td>
<td>43</td>
<td>22</td>
<td>59</td>
<td>0</td>
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<tr>
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<td>76</td>
<td>27</td>
<td>10</td>
<td>37</td>
<td>2</td>
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<tr>
<td>Sept</td>
<td>95</td>
<td>34</td>
<td>8</td>
<td>52</td>
<td>1</td>
</tr>
<tr>
<td>Oct</td>
<td>102</td>
<td>36</td>
<td>13</td>
<td>53</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>701</td>
<td>238</td>
<td>93</td>
<td>363</td>
<td>6</td>
</tr>
</tbody>
</table>

Large numbers of surveillance colonoscopies are undertaken (73–124 per month). Many were listed on basis of colonoscopy findings and not checked for histology. A wide range of clinicians including non-endoscopists were listing patients. Guidelines were not adhered too. There was resistance to this standardisation from clinicians, GPs and patients initially.

Conclusion Wide variations in practise were observed. A large number of unnecessary colonoscopies were deferred to a more appropriate interval, producing benefits in quality and efficiency using existing resources.

Disclosure of Interest None Declared.

**REFERENCE**