

Results 105 patients with dyspepsia were identified; 55 already listed for endoscopy. 143 prescriptions for HP eradication were reviewed; 95% of these did not conform to a recognised regimen. Most errors were in dosing or duration but 38% used a H₂ receptor antagonist instead of a PPI and 31% included only one antibiotic. The 55 patients undergoing gastroscopy had all received prior HP eradication therapy. Mean symptom duration was 33.8 months. The clinical diagnosis matched endoscopic findings in only 18%. 9% were found to have peptic ulcer disease and “gastritis” was recorded for 35%. There was one gastric cancer and 10 oesophageal cancers. Seven of these 11 patients had dysphagia and malignancy had been suspected; 4/11 malignancies were not suspected. Only 5.5% of endoscopies were normal.

Conclusion Empirical management of dyspepsia in Malawi is poor. HP eradication therapy is given frequently but almost always incorrectly. This is likely to promote antibiotic resistance and make subsequent HP eradication more difficult. Referral criteria for endoscopy are not clear, yet the yield of serious pathology is surprisingly high. The low rate of normal endoscopic findings contrasts with UK practice but may be explained by over-diagnosis of “gastritis”. In light of this audit, guidelines on dyspepsia management were developed and implemented. They emphasise correct medical management in young dyspeptic patients without alarm symptoms and urgent referral for gastroscopy if malignancy is suspected at any age. Urease testing has been piloted. The impact of these changes will be assessed later this year.

Competing interests None declared.

OC-030

BENEFITS OF INTRODUCTION OF A SYMPTOM TRIGGERED REGIMEN FOR MANAGEMENT OF ALCOHOL WITHDRAWAL IN A LARGE TEACHING HOSPITAL TRUST: REDUCED ADMISSION DURATION AND COST SAVINGS

doi:10.1136/gutjnl-2012-302514a.30

¹T J W Lee,* ²M Samuel, ¹L Bewick, ³H Rutherford, ¹P Perez, ⁴E Gilvarry, ¹M Cunningham, ³C Dipper, ¹S Masson. ¹Freeman Hospital, Newcastle Upon Tyne, UK; ²Newcastle University, Newcastle Upon Tyne, UK; ³Royal Victoria Infirmary, Newcastle Upon Tyne, UK; ⁴Addiction Psychiatry, Freeman Hospital, Newcastle Upon Tyne, UK

Introduction Acute alcohol withdrawal (AAW) is an increasingly frequent cause for hospital admission in the UK. NICE guidance (2010) recommends the use of a symptom triggered regimen (STR) rather than a fixed-dose regimen of benzodiazepines for the management of AAW. The aim of this study is to observe the effects of the introduction of a STR protocol as part of the introduction of a specialist Alcohol Liaison Team (ALT) in a large teaching hospital trust.

Methods Data were collected prospectively on all patients admitted for management of AAW during two 3-month periods; before and after the introduction of a symptom triggered regimen. The Clinical Institute for Withdrawal Assessment for alcohol scale (CIWA-Ar) was used to assess AAW objectively. The introduction of the STR was overseen by an ALT consisting of a specialist nurse and a consultant at both hospital sites in the trust.

Results In the initial period, 102 patients were managed using a fixed-dose regime. Median length of stay (LoS) was 4.0 days (IQR 2–6 days). Median total chlordiazepoxide dose was 260 mg (IQR 120–490 mg). After introduction of STR, 119 patients were included. Median length of stay was 3.0 days (IQR 1.5–5.0 days). Median total chlordiazepoxide dose was 200 mg (IQR 55–450 mg). Age, gender and comorbidities in the before and after groups were comparable. The reduction in length of stay and total chlordiazepoxide dosage following introduction of the STR protocol were statistically significant (p<0.001).

Conclusion Introduction of a STR protocol for management of acute alcohol withdrawal was associated with a reduction in the length of stay and total benzodiazepine dose required. A specialist ALT facilitated the introduction of the STR at two hospital sites in a large teaching hospital trust. The reduction in length of stay alone could contribute to potential cost savings to the trust of around £280 000 per annum. This justifies the presence of an alcohol liaison team in the trust and supports the recommendations of the NICE guidelines.

Competing interests None declared.

OC-031

DEVELOPMENT OF A COLLABORATIVE INPATIENT ALCOHOL STRATEGY

doi:10.1136/gutjnl-2012-302514a.31

¹M York-Smith, ²R Thompson, ¹G Burrell, ³S Green, ³K Pheko, ¹J Fehler, ⁴V P B Grover.* ¹Hillingdon Drugs and Alcohol Service, Central and North West London NHS Foundation Trust, UK; ²Acute Medical Unit, The Hillingdon Hospitals NHS Foundation Trust, Middlesex, UK; ³NIHR CLAHRC for North West London, Chelsea and Westminster Hospital, London, UK; ⁴Department of Gastroenterology, The Hillingdon Hospitals NHS Foundation Trust, Middlesex, UK

Introduction Alcohol-related medical admissions rise by 10% every year at The Hillingdon Hospitals NHS Foundation Trust, frequently readmitting patients to the medical wards. We sought to work collaboratively, crossing traditional boundaries between different care providers, to improve the quality of care provided to patients admitted with alcohol-related problems.

Methods Acute and community care providers worked with the Collaboration for Leadership in Applied Health Research and Care (CLAHRC) for Northwest London to identify and overcome barriers to care and communication for patients with alcohol-related admissions to the medical wards at a District General Hospital. We employed a Psychologist with appropriate addiction and alcohol expertise as an Alcohol Specialist Practitioner (ASP). The role of the ASP was to: (1) educate, empower and support staff to better identify patients with alcohol problems deliver; (2) perform a comprehensive psychological assessment; (3) deliver psychological interventions; (4) encourage patient engagement with community alcohol services when assessed as appropriate; (5) measure outcomes as a result of service implementation. 103 medical inpatients (76 male; 27 female) were referred to the new inpatient service between 1 August 2011 and 31 December 2011. We compared the rate of engagement with alcohol services of the cohort referred to the ASP, to a cohort of 41 patients admitted to the Gastroenterology ward in 2010 with an alcohol-related admission, formally referred to alcohol services on discharge, by the Ward Manager. We studied the 30-day readmission rates between patients who did and did not engage with psychological interventions/community services. The Student’s t-test was used for statistical analysis between groups.

Results 7 of the 103 patients referred to the service subsequently died as an inpatient, a further seven were abstinent at the time of referral. Analysis was performed on data from the remaining 89 patients. 69.5% of patients referred to the inpatient service engaged with the ASP and/or community alcohol services. This compares to an engagement rate of 15% with community alcohol services before the appointment of the ASP, (p 63% of those that declined the assessment/intervention of the ASP were readmitted within 30 days, significantly more than intervention group (p

Conclusion Employment of a Psychologist as an ASP on the medical wards significantly improved the subsequent engagement of patients with community alcohol services. Patients engaged with community alcohol services had a significantly lower rate of alcohol-related readmissions, compared to those who did not engage.

Competing interests None declared.