

Gastro, Hepatology & Alcohol Evidence Update January 2023

Produced by the Clinical Librarian Service

The Clinical Librarian team endeavours to find as much of the latest evidence in your clinical area as possible, however make no claim as to the exhaustive nature of the update.

For more specific literature searches or training to find evidence please contact Clinical.Librarian@porthosp.nhs.uk or call extension 6042.

Alternatively you can contact one of the team directly:
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Aaron.Razack@porthosp.nhs.uk

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NICE

National Institute for
Health and Care Excellence

Most recent guidance published

[Delirium: prevention, diagnosis and management in hospital and long-term care CG103](#)

[Laparoscopic insertion of a magnetic ring for gastro-oesophageal reflux disease IPG749](#)

[MRI-based technologies for assessing non-alcoholic fatty liver disease DG50](#)

[Nivolumab with platinum- and fluoropyrimidine-based chemotherapy for untreated HER2-negative advanced gastric, gastro-oesophageal junction or oesophageal adenocarcinoma TA857](#)

[PredictSURE IBD for inflammatory bowel disease prognosis: ulcerative colitis MIB313](#)

[Upadacitinib for treating moderately to severely active ulcerative colitis TA856](#)

Other Guidance/Reports/News

[Genomic diagnosis and care co-ordination for monogenic inflammatory bowel disease in children and adults: consensus guideline on behalf of the British Society of Gastroenterology and British Society of Paediatric Gastroenterology, Hepatology and Nutrition](#)

[The Lancet Gastroenterology & Hepatology](#)



Systematic Reviews and Research Protocols

No new relevant reviews

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Reviews

[A systematic review, pairwise meta-analysis and network meta-analysis of randomized controlled trials exploring the role of fecal microbiota transplantation in irritable bowel syndrome](#)

European Journal of Gastroenterology & Hepatology

[Anticoagulation for the Treatment of Portal Vein Thrombosis in Cirrhosis: A Systematic Review and Meta-Analysis of Comparative Studies](#)

Journal of Clinical and Experimental Hepatology

[Barriers to palliative care in hepatocellular carcinoma: A review of the literature](#)

Journal of Gastroenterology and Hepatology

[Cystic Fibrosis-Related Gut Dysbiosis: A Systematic Review](#)

Digestive Diseases and Sciences

[Dual Antiplatelet Therapy Does Not Increase Bleeding Risk in Percutaneous Gastrostomy Tube Placement: Network Meta-Analysis](#)

Digestive Diseases and Sciences

[Efficacy, Effectiveness, and Safety of Ustekinumab for the Treatment of Ulcerative Colitis: A Systematic Review](#)

Inflammatory Bowel Diseases

[Efficacy of elimination diets in eosinophilic esophagitis: a systematic review and meta-analysis](#)

Clinical Gastroenterology and Hepatology

[Food Processing and Risk of Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis](#)

Clinical Gastroenterology and Hepatology

[Hemostasis in cirrhosis: understanding destabilising factors during acute decompensation.](#)

Journal of Hepatology

[Impact of Baseline Disease Activity and Trial Duration on Efficacy of Biologics in Active Crohn's Disease: Meta-analysis](#)

Inflammatory Bowel Diseases

[Impact of hepatitis C virus point-of-care RNA viral load testing compared with laboratory-based testing on uptake of RNA testing and treatment, and turnaround times: a systematic review and meta-analysis](#)

The Lancet Gastroenterology & Hepatology

[Increased versus conventional adalimumab dose interval for patients with Crohn's disease in stable remission \(LADI\): a pragmatic, open-label, non-inferiority, randomised controlled trial](#)

The Lancet Gastroenterology & Hepatology

[Management of inflammatory bowel diseases in older adults](#)

The Lancet Gastroenterology & Hepatology

[Nonalcoholic Fatty Liver Disease \(NAFLD\) is Independently Associated with Higher All-Cause and Cause-Specific Mortality](#)

Clinical Gastroenterology and Hepatology

[Prevalence and characteristics of nonalcoholic fatty liver disease and fibrosis in people living with HIV mono-infection: a systematic review and meta-analysis](#)

Clinical Gastroenterology and Hepatology

[Risk of colorectal cancer after appendectomy: A systematic review and meta-analysis](#)

Journal of Gastroenterology and Hepatology

[Statin can reduce the risk of hepatocellular carcinoma among patients with nonalcoholic fatty liver disease: a systematic review and meta-analysis](#)
European Journal of Gastroenterology & Hepatology

[Systematic Review of therapies for refractory ulcerative proctitis](#)
Journal of Gastroenterology and Hepatology

[Understanding and managing patients with overlapping disorders of gut–brain interaction](#)
The Lancet Gastroenterology & Hepatology

Primary Research

A selection of articles from relevant journals – full text can be requested from the library, contact Clinical.Librarian@porthosp.nhs.uk for further assistance

[A multicenter randomized-controlled trial of hypothermic oxygenated perfusion \(HOPE\) for human liver grafts before transplantation](#)
Journal of Hepatology

[Alternative forms of portal vein revascularization in liver transplant recipients with complex portal vein thrombosis](#)
Journal of Hepatology

[Appropriate Preconception Corticosteroid-Free Remission Period in Pregnant Women With Ulcerative Colitis](#)
Inflammatory Bowel Diseases

[Assessment of Fecal Glycosylated Mucins as Novel Biomarkers in Inflammatory Bowel Diseases](#)
Inflammatory Bowel Diseases

[Comparative Safety of Biologic Agents in Patients with Inflammatory Bowel Disease with Active or Recent Malignancy: A Multi-Center Cohort Study](#)
Clinical Gastroenterology and Hepatology

[Effect of *Clostridium butyricum* on High-Fat Diet-Induced Intestinal Inflammation and Production of Short-Chain Fatty Acids](#)
Digestive Diseases and Sciences

[Fecal Mucin O-Glycans as Novel Biomarkers in Inflammatory Bowel Diseases](#)
Inflammatory Bowel Diseases

[Frailty Is Independently Associated with Higher Mortality and Readmissions in Patients with Acute Biliary Pancreatitis: A Nationwide Inpatient Study](#)
Digestive Diseases and Sciences

[Frequent Occurrence of Perianal Disease and Granuloma Formation in Patients with Crohn's Disease and Coexistent Orofacial Granulomatosis](#)
Digestive Diseases and Sciences

[Gastrointestinal: Diarrhea in a patient treated with pazopanib: A rare case of a common adverse effect](#)
Journal of Gastroenterology and Hepatology

[Gender Biases and Diagnostic Delay in Inflammatory Bowel Disease: Multicenter Observational Study](#)
Inflammatory Bowel Diseases

Granuloma Presence at Initial Surgery Predicts Need for Repeat Surgery Independent of Rutgeerts Score in Crohn's Disease
Inflammatory Bowel Diseases

Gut inflammation and adaptive immunity amplify acetaminophen toxicity in bowel and liver
Journal of Gastroenterology and Hepatology

Gut microbiota promote liver regeneration through hepatic membrane phospholipid biosynthesis
Journal of Hepatology

Hepatic encephalopathy in cirrhotic patients with bacterial infections: Frequency, clinical characteristics and prognostic relevance
Journal of Clinical and Experimental Hepatology

Hepatitis D virus interferes with hepatitis B virus RNA production via interferon-dependent and -independent mechanisms
Journal of Hepatology

Histologic Predictors of Clinical Outcomes and Healthcare Utilization in Patients With Ileal Pouch-Anal Anastomosis
Inflammatory Bowel Diseases

Induction and Maintenance Treatment With Upadacitinib Improves Health-Related Quality of Life in Patients With Moderately to Severely Active Ulcerative Colitis: Phase 3 Study Results
Inflammatory Bowel Diseases

Influence of HLA-DQA1*05 Genotype in Adults With Inflammatory Bowel Disease and Anti-TNF Treatment With Proactive Therapeutic Drug Monitoring: A Retrospective Cohort Study
Inflammatory Bowel Diseases

Inhibition of VEGF-B signaling prevents non-alcoholic fatty liver disease development by targeting lipolysis in the white adipose tissue
Journal of Hepatology

Liver stiffness-spleen diameter to platelet ratio score (LSPS model) predicts variceal rebleeding for cirrhotic patients
European Journal of Gastroenterology & Hepatology

Long-term clinical outcomes of a fully covered self-expandable metal stent for refractory pancreatic strictures in symptomatic chronic pancreatitis: An 11-year follow-up study
Journal of Gastroenterology and Hepatology

Long-term outcomes of patients with type 1 or 2 autoimmune hepatitis presenting in childhood
Journal of Hepatology

Maintenance Proton Pump Inhibitor Use Associated with Increased All-Cause and Cause-Specific Mortality in Sweden
Digestive Diseases and Sciences

MELD 3.0 Score for Predicting Survival in Patients with Cirrhosis After Transjugular Intrahepatic Portosystemic Shunt Creation
Digestive Diseases and Sciences

Midodrine vs. Albumin to prevent paracentesis induced circulatory dysfunction in acute on chronic liver failure patients in the outpatient clinic– A Randomized Controlled Trial
Journal of Clinical and Experimental Hepatology

Mid- to long-term outcomes of initial transjugular intrahepatic portosystemic shunt versus anticoagulation for pyrrolizidine alkaloid-induced hepatic sinusoidal obstruction syndrome
European Journal of Gastroenterology & Hepatology

[Multi-omics profiling of cholangiocytes reveals sex-specific chromatin state dynamics during hepatic cystogenesis in polycystic liver disease](#)
Journal of Hepatology

[Multiple negative faecal immunochemical tests reduce risk of advanced neoplasia in a colonoscopy surveillance program](#)
Clinical Gastroenterology and Hepatology

[Multitarget Stool DNA Testing Has High Positive Predictive Value for Colorectal Neoplasia on the Second Round of Testing](#)
Clinical Gastroenterology and Hepatology

[Neuropeptide W Exhibits Preventive and Therapeutic Effects on Acetic Acid-Induced Colitis via Modulation of the Cyclooxygenase Enzyme System](#)
Digestive Diseases and Sciences

[Nutrition and physical activity knowledge, attitudes, and practices of inpatient cirrhosis care providers](#)
European Journal of Gastroenterology & Hepatology

[Patients with Nonalcoholic Steatohepatitis and Advanced Liver Disease Have the Lowest Cardiorespiratory Fitness](#)
Digestive Diseases and Sciences

[Preoperative Simulation of Ileal Pouch–Anal Anastomosis in Patients With Ulcerative Colitis Using a 3-Dimensional Printed Model](#)
Inflammatory Bowel Diseases

[Real-world Comparative Effectiveness of Ustekinumab vs Anti-TNF in Crohn's Disease With Propensity Score Adjustment: Induction Phase Results From the Prospective, Observational RUN-CD Study](#)
Inflammatory Bowel Diseases

[Risk of liver fibrosis associated with long-term methotrexate therapy may be overestimated](#)
Journal of Hepatology

[Single-cell Expression Atlas Reveals Cell Heterogeneity in the Creeping Fat of Crohn's Disease](#)
Inflammatory Bowel Diseases

[Sweets and Inflammatory Bowel Disease: Patients Favor Artificial Sweeteners and Diet Foods/Drinks Over Table Sugar and Consume Less Fruits/Vegetables](#)
Inflammatory Bowel Diseases

[The socioeconomic impact of irritable bowel syndrome: an analysis of direct and indirect healthcare costs](#)
Clinical Gastroenterology and Hepatology

[Vedolizumab and Adalimumab in Biologic-Naïve Ulcerative Colitis: Comparison of Patient-Level Clinical Trial Data and VARSITY for Week 6 Clinical Remission](#)
Digestive Diseases and Sciences

[Withdrawal of infliximab or concomitant immunosuppressant therapy in patients with Crohn's disease on combination therapy \(SPARE\): a multicentre, open-label, randomised controlled trial](#)
The Lancet Gastroenterology & Hepatology

Dupilumab for eosinophilic esophagitis (January 2023)

Therapeutic options for eosinophilic esophagitis (EoE) are expanding. In a two-part trial in patients with EoE that had not responded to proton pump inhibitor therapy, weekly [dupilumab](#) resulted in higher rates of histologic improvement after 24 weeks relative to placebo (part A [weekly dupilumab]: 60 versus 5 percent, and part B [dupilumab every 2 weeks]: 59 versus 6 percent) [2]. Dupilumab also improved dysphagia symptom scores. Based on these findings, the US Food and Drug Administration approved dupilumab for EoE in patients ≥ 12 years of age who weigh ≥ 40 kg [3]. Future studies will help to inform the role of dupilumab in EoE management. (See "[Treatment of eosinophilic esophagitis \(EoE\)](#)", section on '[Options for nonresponders](#)'.)

Liver transplantation for severe alcohol-associated hepatitis (January 2023)

Liver transplantation (LT) can be lifesaving for patients with severe alcohol-associated hepatitis (AH), but studies evaluating patient selection are limited. In a study including 241 patients with AH who underwent LT, a prior history of liver decompensation was associated with higher risks of post-LT mortality and harmful alcohol use compared with no prior decompensation (adjusted hazard ratios 2.72 and 1.77, respectively) [5]. Additional studies with long-term follow-up are needed to optimize criteria for patient selection. (See "[Liver transplantation for alcohol-associated liver disease](#)", section on '[Patients with severe alcohol-associated hepatitis \(AH\)](#)'.)

Obeticholic acid for primary biliary cholangitis (January 2023)

[Obeticholic acid](#) is a second-line therapy for primary biliary cholangitis (PBC) in the absence of cirrhosis. However, the long-term benefits of obeticholic acid are uncertain. In a recent study, 209 patients treated with obeticholic acid were compared with untreated patients from two disease registries (Global PBC and PBC-UK) [6]. After six years of follow-up, obeticholic acid was associated with lower rates of mortality or liver transplantation compared with no obeticholic acid use (2 versus 10 and 13 percent, respectively). These data lend support for long-term therapy with obeticholic acid. (See "[Overview of the management of primary biliary cholangitis](#)", section on '[Subsequent therapy](#)'.)

Updated guidelines on celiac disease (January 2023)

The diagnosis of celiac disease in adults with elevated celiac serologies usually requires duodenal biopsies for confirmation. However, updated American College of Gastroenterology celiac disease guidelines state that a non-biopsy approach may be used in selected situations [12]. For example, symptomatic adults who are unwilling or unable to undergo upper endoscopy but have a high level of tissue transglutaminase immunoglobulin A (>10 -fold elevation above the upper limit of normal) with a positive endomysial antibody in a second blood sample can be diagnosed as likely celiac disease. (See "[Diagnosis of celiac disease in adults](#)", section on '[Patients unable/unwilling to undergo upper endoscopy](#)'.)

BMJ Best Practice Updates

- **31 Jan 2023**Topic: [Assessment of liver dysfunction](#)
- **31 Jan 2023**Topic: [Large bowel obstruction](#)
- **25 Jan 2023**Topic: [Ileus](#)
- **19 Jan 2023**Topic: [Barrett's oesophagus](#)
- **17 Jan 2023**Topic: [Ischaemic bowel disease](#)

Online Resources

[BestBETs](#) - BETs bring the evidence one step closer to the bedside, by providing answers to very specific clinical problems, using the best available evidence.

[British National Formulary \(BNF\)](#) and [BNF for Children](#)

[British Society of Gastroenterology](#) – guidelines and resources

[The Royal Marsden Manual of Clinical Procedures](#) – available via your Athens login

Journals & table of contents alerts

Journal of Addictions Nursing	Current Opinion in Gastroenterology
Digestive Diseases & Sciences	European Journal of Gastroenterology & Hepatology
Gastrointestinal Endoscopy	Gastrointestinal Nursing
Hepatology	Journal of Pediatric Gastroenterology & Nutrition

The Clinical Librarian team can help set up table of content alerts to the journal of your choice.