



Cover: Light micrograph of a section of the human jejunum. Credit: Manfred Kage/ Science Photo Library

Journal of the British Society of Gastroenterology

Impact Factor: 10.01

Editor

Professor Robin C Spiller (UK)

Deputy Editor

Magnus Simrén (Sweden)

Associate Editors

- Ramon Bataller (Spain)
Jean-Frédéric Colombel (France)
Alexander Gerbes (Germany)
Subrata Ghosh (UK)
William Grady (USA)
Ernst Kuipers (The Netherlands)
Markus M Lerch (Germany)
David Mutimer (UK)
Severine Vermeire (Belgium)

Editorial Office

Gut
BMJ Journals
BMA House, Tavistock Square
London, WC1H 9JR, UK
T: +44 (0)20 7383 6394
F: +44 (0)20 7383 6668
E: guteditorial@bmjgroup.com

ISSN: 0017-5749 (print)
ISSN: 1468-3288 (online)

Disclaimer: Gut is owned and published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association and the British Society of Gastroenterology.

Gut is intended for medical professionals and is provided without warranty, express or implied. Statements in the Journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group, the British Society of Gastroenterology or the BMA unless otherwise specified or determined by law.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of Gut or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright © 2008 BMJ Publishing Group and British Society of Gastroenterology. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior permission

Gut is published by BMJ Publishing Group Ltd, typeset by The Charlesworth Group and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Ltd, Plymouth, UK

Gut (USPS No: 002-278) is published monthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318, USA. Periodicals postage paid at Emigsville, PA, USA. POSTMASTER: send address changes to Gut, PO Box 437, Emigsville, PA 17318-0437, USA.

Leader

1185 Disorders of a modern lifestyle: reconciling the epidemiology of inflammatory bowel diseases
C N Bernstein, F Shanahan

Commentaries

1193 Purinergic receptors as future targets for treatment of functional GI disorders
G Burnstock

1194 Surveillance programmes for colorectal cancer in inflammatory bowel disease: have we got it right?
C N Bernstein

1197 Simple measures to prevent post-ERCP pancreatitis?
P A Testoni

1198 Role of hedgehog signalling in bile ductular cells
I N Hines, R A Rippe

Gastro-oesophageal reflux

1200 Long-term results and risk factor analysis for recurrence after curative endoscopic therapy in 349 patients with high-grade intraepithelial neoplasia and mucosal adenocarcinoma in Barrett's oesophagus
O Pech, A Behrens, A May, L Nachbar, L Gossner, T Rabenstein, H Manner, E Guenter, J Huijsmans, M Vieth, M Stolte, C Ell

1207 Comparing laparoscopic antireflux surgery with esomeprazole in the management of patients with chronic gastro-oesophageal reflux disease: a 3-year interim analysis of the LOTUS trial
L Lundell, S Attwood, C Ell, R Fiocca, J-P Galmiche, J Hatlebakk, T Lind, O Junghard, on behalf of the LOTUS trial collaborators

Helicobacter pylori

1214 Cost-effectiveness of and satisfaction with a Helicobacter pylori "test and treat" strategy compared with prompt endoscopy in young Asians with dyspepsia
S Mahadeva, Y-C Chia, A Vinothini, M Mohazmi, K-L Goh

Intestinal inflammation

1222 Protease-activated receptor-2 activation: a major actor in intestinal inflammation
E Hyun, P Andrade-Gordon, M Steinhoff, N Vergnolle

Neurogastroenterology

1230 P2X receptor-mediated visceral hyperalgesia in a rat model of chronic visceral hypersensitivity
G-Y Xu, M Shenoy, J H Winston, S Mittal, P J Pasricha

Colorectal cancer

1238 Modelling future capacity needs and spending on colonoscopy in the English bowel cancer screening programme
K E Nnoaham, C Lines

1246 High frequency of early colorectal cancer in inflammatory bowel disease
M W M D Lutgens, F P Vlegaar, M E I Schipper, P C F Stokkers, C J van der Woude, D W Hommes, D J de Jong, G Dijkstra, A A van Bodegraven, B Oldenburg, M Samsom

1252 Inherited predisposition to colorectal adenomas caused by multiple rare alleles of MUTYH but not OGG1, NUDT1, NTH1 or NEIL 1, 2 or 3
A R Dallosso, S Dolwani, N Jones, S Jones, J Colley, J Maynard, S Idziaszczyk, V Humphreys, J Arnold, A Donaldson, D Eccles, A Ellis, D G Evans, I M Frayling, F J Hes, R S Houlston, E R Maher, M Nielsen, S Parry, E Tyler, V Moskvina, J P Cheadle, J R Sampson

1256 Automated immunochemical quantitation of haemoglobin in faeces collected on cards for screening for colorectal cancer
C G Fraser, C M Mathew, K McKay, F A Carey, R J C Steele

Pancreas

1262 A meta-analysis of rectal NSAIDs in the prevention of post-ERCP pancreatitis
B J Elmunzer, A K Waljee, G H Ehta, J R Taylor, S M A Fehmi, P D R Higgins

Hepatology

1268 Dissection of familial correlations in hepatitis C virus (HCV) seroprevalence suggests intrafamilial viral transmission and genetic predisposition to infection
S Plancoulaine, M K Mohamed, N Arafa, I Baker, C Rekeawicz, D-A Trégouët, D Obach, M El Daly, V Thiers, C Féray, M Abdel-Hamid, L Abel, A Fontanet

1275 The hedgehog pathway regulates remodelling responses to biliary obstruction in rats
A Omenetti, Y Popov, Y Jung, S S Choi, R P Witek, L Yang, K D Brown, D Schuppan, A M Diehl

1283 Waist circumference correlates with liver fibrosis in children with non-alcoholic steatohepatitis
M Manco, G Bedogni, M Marcellini, R Devito, P Ciampalini, M R Sartorelli, D Comparcola, F Piemonte, V Nobili

MORE CONTENTS ►



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See http://gut.bmj.com/info/unlocked.dtd



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics www.publicationethics.org.uk



- 1288** Reliability of transient elastography for the diagnosis of advanced fibrosis in chronic hepatitis C
U Arena, F Vizzutti, J G Abraldes, G Corti, C Stasi, S Moscarella, S Milani, E Lorefice, A Petrarca, R G Romanelli, G Laffi, J Bosch, F Marra, M Pinzani

Case report

- 1294** Use of sirolimus (rapamycin) to treat refractory Crohn's disease
D C O Massey, F Bredin, M Parkes

JournalScan

- 1298** Edited by P Moayyedi

Recent advances in basic science

- 1300** Mechanisms of extrahepatic vasodilation in portal hypertension
M Hennenberg, J Trebicka, T Sauerbruch, J Heller

Recent advances in clinical practice

- 1315** The small intestinal bacterial overgrowth. Irritable bowel syndrome hypothesis: implications for treatment
S Vanner

Guidelines

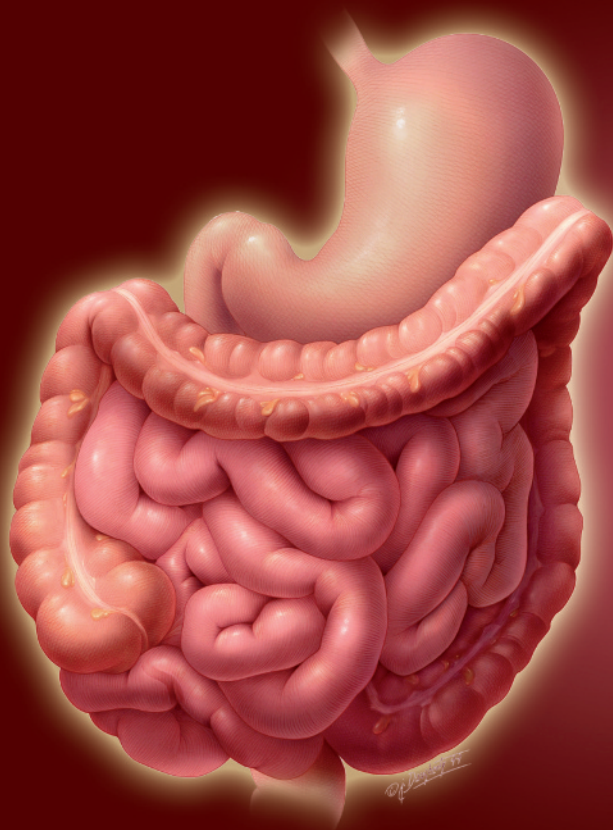
- 1322** Guidelines for the management of anticoagulant and antiplatelet therapy in patients undergoing endoscopic procedures
A M Veitch, T P Baglin, A H Gershlick, S M Harnden, R Tighe, S Cairns

PostScript

- 1330** Letters
1339 Book reviews
1340 Corrections

Editor's quiz

- 1192** An abnormal rectal flat lesion
L Petruzzello, C Spada, A Crucitti, P Familiari, G Costamagna
- 1221** Ulcers and the colon: keep an open mind
G W Moran, R Hejmadi, E Campbell, R Boulton
- 1260** Epigastric discomfort after outpatient endoscopy
L Kamper, P Haage
- 1261** A puzzling presentation of pancreatitis
W Laleman, E Vanhoutte, D Vanbeckevoort, R Aerts, W Van Steenberghe, C Verslype
- 1282** Abdominal pain and shock in a 73-year-old patient
Y-J Chen, C-C Hsieh, P-S Lai, C-C Lee
- 1297** Metachronous multi-organ lesions in a jaundiced patient
H J Kim, J H Byun, S S Lee, S H Park, M-G Lee, M-H Kim, E S Yu



Easily digestible research every month

Gut is the premier gastroenterology journal in Europe with an impressive impact factor of 9.02, so you'll want the guarantee of reading it every month.

Why not recommend the journal to your librarian or better still, obtain your own personal subscription? You will receive a paper copy every month as well as online access for **just £181 a year** (€268, \$344). Too much paper on your desk already? An online subscription is **just £99** (€147, \$188).

Visit group.bmj.com/group/subs-sales - your subscription to this first class journal is just a few clicks away.

gut.bmj.com

BMJ Journals