We read with great interest the article by Iwase and colleagues, which agrees with the MDCT angiogram. PGV, as classified by Sarin and Kumar, is not necessary to distinguish FV from GOV2, similar to but less invasive than transjugular intrahepatic portosystemic shunt stent (TIPSS). This patient illustrated by fig 3 in our study (Gut 2003;52:886–92) was classified as having gastro-oesophageal varices type 2 (GOV-2), according to the endoscopic classification proposed by Sarin and Kumar. This patient underwent endoscopic sclerotherapy.

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References

Figure 1  (A) Multi-detector row CT (MDCT) angiograms before treatment for submucosal gastric fundal varices. (B) Balloon occluded retrograde transcatheater varicealogram during balloon occluded retrograde transvenous obliteration, which agrees with the MDCT angiogram. PGV, posterior gastric vein; FV, submucosal gastric fundal varices; GRS, gastrorenal shunt.
Primary antiphospholipid syndrome as a new cause of autoimmune pancreatitis

I read with interest the article by Kamisawa et al regarding the aetiology of autoimmune pancreatitis (Gut 2003;52:683–7). The cause of a significant proportion of cases of acute pancreatitis remains uncertain. I would like to describe a case of acute pancreatitis associated with antiphospholipid syndrome to highlight another potentially important cause of autoimmune pancreatitis which I believe has not been previously described.

Case report

A 30 year old woman was admitted twice in the space of three months with acute pancreatitis. She had a past medical history of anxiety and occasional migraines, for which she took alprazolam and propranolol, respectively. She had suffered two miscarriages and had one healthy child. She drank 3 units of alcohol per day. She was otherwise well and had no history of musculoskeletal problems.

On both occasions her amylase level was significantly elevated (787 and 364, respectively) and positive for lipo lipin antibodies (lupus anticoagulant or anticardiolipin antibodies) in association with antibodies (lupus anticoagulant or anticardiolipin antibodies) in association with antiphospholipid syndrome.

Primary antiphospholipid syndrome is defined as the presence of antiphospholipid antibodies (e.g., anticardiolipin antibodies) in association with thrombosis or recurrent miscarriage, but in diolipin antibodies) in association with antibodies (lupus anticoagulant or anticar diolipin antibodies) in association with antiphospholipid syndrome. In the literature there are a small number of cases of pancreatitis in association with SLE and antiphospholipid syndrome.

Autoimmune pancreatitis is a recently described clinical entity in which auto-immune mechanisms are involved in the pathogenesis. As Etemad and colleagues described that autoimmunity was one of six risk factors of chronic pancreatitis, autoimmu nity-related pancreatectis is not acute but chronic pancreatitis. Patients with autoimmune pancreatitis rarely showed acute attacks of pancreatitis or marked elevation of serum amylase.

Although the pancreas of autoim mune pancreatitis is swollen similar to acute pancreatitis on ultrasound and computed tomography, it is induced by dense lymphoplasmacytic infiltration with fibrosis. Obliterated phlebitis throughout the pancreas is one of the characteristic pathological findings of autoimmune pancreatitis. The lumen of the vein was filled with prominent cellular infiltrates and fibrosis. Venous occlusion was not due to thromboembolism but to phlebitis. Although the role of obliterated phlebitis is unknown in the pathogenesis of autoimmune pancreatitis, many IgG4 positive plasma cells, which might be closely related to pathogenesis, were observed in the obliterated veins. Signs of thrombosis were not observed in any organs of our patients with autoimmune pancreatitis. We think that autoimmune pancreatitis is quite different from the pancreatitis reported by Spencer.

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References


Author’s reply

Autoimmune pancreatitis is a recently described clinical entity in which auto-immune mechanisms are involved in the pathogenesis. As Etemad and colleagues described that autoimmunity was one of six risk factors of chronic pancreatitis, autoimmune pancreatitis is not acute but chronic pancreatitis. Patients with autoimmune pancreatitis rarely showed acute attacks of pancreatitis or marked elevation of serum amylase. Although the pancreas of autoimmune pancreatitis is swollen similar to acute pancreatitis on ultrasound and computed tomography, it is induced by dense lymphoplasmacytic infiltration with fibrosis. Obliterated phlebitis throughout the pancreas is one of the characteristic pathological findings of autoimmune pancreatitis. The lumen of the vein was filled with prominent cellular infiltrates and fibrosis. Venous occlusion was not due to thromboembolism but to phlebitis. Although the role of obliterated phlebitis is unknown in the pathogenesis of autoimmune pancreatitis, many IgG4 positive plasma cells, which might be closely related to pathogenesis, were observed in the obliterated veins. Signs of thrombosis were not observed in any organs of our patients with autoimmune pancreatitis. We think that autoimmune pancreatitis is quite different from the pancreatitis reported by Spencer.

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Treatment of interferon non-responsive chronic hepatitis C with triple therapy with interferon, ribavirin, and amantadine can be encouraging

Patients with hepatitis C virus infection who do not respond to treatment with interferon alone or its combination with ribavirin present a serious clinical challenge and there is no clear choice for treatment in these individuals. Earlier studies with antiviral amantadine, which has been used in influenza, had shown promising results. Now, Adinolfi et al (Gut 2003) have shown 68% end of treatment response with induction therapy using daily interferon for four weeks (and then three injections weekly) in combination with ribavirin and amantadine hydrochloride.

We had used interferon in doses of 3 million units given subcutaneously thrice weekly with ribavirin 800–1200 mg/day and amantadine hydrochloride 100 mg orally twice a day in a small group of chronic hepatitis C patients who had not responded to a combination of interferon and ribavirin. We found a 50% end of treatment response after a treatment period of 12 months (see table 1). Half of the patients showed no effect on alanine aminotransferase or hepatitis C virus RNA, and in these patients treatment was discontinued after three months.

There are reports of good results with the use of amantadine in combination with interferon. Therefore, although the mechanism of action of amantadine in this setting is unclear, it is becoming obvious that there is an encouraging situation for these hard to treat patients and there may be light at the end of the tunnel. Due to lack of major sponsorship for amantadine from a large
pharmaceutical company however, it may take a while before this happens.

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Who should perform endoscopic procedures?

We read with great interest the report of Smale et al on upper gastrointestinal endoscopy performed by nurses (Gut 2003;52:1090–4). This work shows a limited experience with specific endoscopy trained nurses that had no significant effect on diagnostic examinations, diagnostic laparoscopy, and some surgical procedures, such as appendectomy or elective cholecystectomy. Any manual labour or craftsmanship. When to stop? (2) The main goal of this work was to have cheaper endoscopists, so why not to minimise costs by teaching nurses other physician tasks, such as physical examination or minor surgical procedures? (3) Should we begin training nurses instead of our residents in our endoscopy wards? (4) Why not begin to teach nurses other endoscopic procedures, such as endoscopic retrograde cholangiopancreatography or endoscopic ultrasound and, in this event, what is the future role for physicians?

In summary, we believe our efforts should be directed towards clinical practice; defining indications for different medical procedures, limiting costs in the many other aspects of endoscopy and gastroenterology, and trying to perform our specific role, nurse or medical, as scientifically based and accurate as possible.

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The diagnostic dilemmas in discrimination between pancreatic carcinoma and chronic pancreatitis

Early diagnosis to distinguish between malignant pancreatic tumours and chronic pancreatitis is still difficult, despite significant progress in imaging techniques. Moreover, patients with chronic pancreatitis have a higher risk of pancreatic cancer development.

The study of Malka et al (Gut 2002;51:849–52) clearly confirms these difficulties, independently of rigorous selection criteria of patients with chronic pancreatitis. To exclude the possibility that chronic pancreatitis may be caused by early potentially premalignant lesions, the authors eliminated from their investigations even patients with chronic pancreatitis in whom pancreatic cancer was recognized during the first two years of follow up.

Several studies indicate the value of circulating tumour marker evaluation as a simple, sensitive, and reliable test facilitating the differential diagnosis between chronic pancreatitis and cancer.1–4 To improve the effectiveness of serological diagnosis of patients with pancreatic carcinoma, different tumour markers have been assessed, including CEA, CA 242, CA 90, and CA 72-4.1–4 However, the sensitivity and specificity of these markers appeared to be insufficient for differentiation of pancreatic carcinoma from chronic pancreatitis. In 1996, CAM 17-1 was described as a new useful diagnostic marker in pancreatic carcinoma. It showed a sensitivity similar to that of CA 19-9 but higher specificity, giving only 10% false positive results in patients with chronic pancreatitis.

Tissue polypeptide specific antigen (TPS) is a different type of antigen that does not correlate with tumour mass but reflects tumour proliferative activity.6 Our study revealed that elevated levels of TPS detected preoperatively 100% of patients with pancreatic carcinoma. The introduction of 200 UI as a decision criterion for TPS level allowed an increase in the specificity of this marker to 98% and eliminated all but 2% of the false positive results in patients with chronic pancreatitis. Moreover, TPS is useful for detection of the early stages of clinical advancement of pancreatic carcinoma.

It seems that measurement of TPS, using 200 UI as the cut off value, should facilitate more precise discrimination between the early stages of pancreatic carcinoma and chronic pancreatitis.

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References


www.gutjnl.com

Table 1 Patients treated with interferon, ribavirin, and amantidine

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*Normal alanine aminotransferase and undetectable HCV virus (HCV) RNA.
small bowel malignancy in coeliac disease

We were interested to read the case report by Rampertab et al on small bowel neoplasia in coeliac disease (Gut 2003;52:1211-14). The findings are very much in accord with ours from the British Society of Gastroenterology (BSG) National UK Survey published earlier this year.1 Over a two year period (1998-2000), we collected details of 175 cases of primary small intestinal adenocarcinoma, of which 13% were associated with coeliac disease and patients 7% with Crohn’s disease. With regard to coeliac associated adenocarcinomas, similar to Rampertab et al, we found a predominance of males (2:1) and an equal distribution between the duodenum and jejunum. Age range was 47-80 years. Fifty five per cent presented acutely, predominantly with obstruction, and 45% chronically with anaemia, weight loss, or abdominal pain. Mean time of symptoms prior to diagnosis was 14 months, which was reflected in a relatively poor 30 month overall survival of 58%. In 63%, coeliac disease had been diagnosed a mean of 8.2 years prior to the diagnosis of adenocarcinoma; in almost all of these patients there had been a good clinical and mucosal response to a gluten free diet. In 37%, coeliac disease was diagnosed at the same time as adenocarcinoma.

Although 13% of small bowel adenocarcinomas being associated with coeliac disease implies that the risk of these cancers in coeliac disease is very high, such an increase translates into a very small absolute life time risk of less than 1%, as these tumours are rare and coeliac disease is very common. Nevertheless, we agree that coeliac patients require long term follow up for this and other complications. However, the best means of surveillance needs to be determined.

Of most concern is the long delay in the diagnosis of small bowel adenocarcinoma, irrespective of whether or not coeliac disease is present. This leads to poor survival as 40% have metastasised by the time the diagnosis is made. A high index of suspicion is required by all gastroenterologists for this rare, but eminently treatable, type of adenocarcinoma.

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References

Submucosal “dissection” in collagenous colitis

We were fascinated to read the paper by Cruz-Correa et al (Gut 2002;51:600) describing cases of mucosal tearing at colonoscopy in patients subsequently found to have collagenous colitis. We were particularly interested in their postulated mechanism for these tears being a disruption of colonic mural integrity by the submucosal collagen layer. We would like to present two cases which add further weight to this theory as well as possibly providing information as to the pathogenesis of diarrhoea in this condition.

A 60 year old woman presented to her general practitioner with a two month history of profuse watery diarrhoea. A barium enema examination was reported as showing evidence of a mild colitis only. The general practitioner commenced corticosteroids resulting in complete resolution of her symptoms. On referral to our department, a gastrointestinal radiologist reviewed her radiographs. It was noticed that throughout the films there was a radiolucent border outlining the colonic mucosa (see fig 1) suggesting the presence of a submucosal layer of gas for which no explanation could be found. Although endoscopic examination of the colon was macroscopically normal, serial biopsies revealed the presence of a subepithelial collagen band up to 100 m thick and a diagnosis of collagenous colitis was made. There was no evidence of pneumatosis or of submucosal barium on the colonic wall alongside the collagen layer. No further operative procedure was performed. Endoscopic biopsies showed mild active inflammation and a subepithelial collagen band. None of the biopsies was full thickness. A diagnosis of collagenous colitis was made and her symptoms settled on a short course of corticosteroids.

We suggest that the complications seen in the investigation of these two patients result from a weakness within the colonic wall caused by the collagen layer. In the first case it appears that cleavage or dissection of the colonic wall alongside the collagen layer may have occurred. It is unclear whether this happened as a result of air insufflation at the time of examination or whether it was already present. In the second case we postulate that air insufflated at the time of the colonoscopy tracked alongside the collagen layer perforating into the peritoneum remote from its original point of entry; possibly a proximal biopsy site.

If a true weakness in the integrity of adhesion of the elements of the colonic wall does exist and such “dissection” can happen spontaneously, then it may provide some insight into the pathogenesis of the diarrhoea in this condition, especially as there appears to be no correlation between the width of the collagen band and the severity of symptoms.

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Responses to endothelin-1 in patients with advanced cirrhosis before and after liver transplantation

I read with interest the article of Vaughan et al (Gut 2003;52:1505–10) and was pleased to...
see my novel studies of partially reproduced in patients with decompensated cirrhosis. I disagree with some of the results as the study involves substantial design, methodology, and analysis problems.

The authors said that advanced cirrhotic patients have ‘generalised vasodilatation’. Vasodilatation does occur in these patients but only in the splanchic and pulmonary beds. Indeed, FBF increases by me and others have shown vasconstriction in the brachial, femoral, cerebral, and renal territories, especially in advanced cirrhosis. Therefore, I would like to stress the point that with advancing cirrhosis, further activation of the neurohumoral systems occurs, with consequent peripheral vasconstriction. However, blood pooling, particularly in the splanchic bed, lowers systemic vascular resistance.

A major criticism of the study of Vaughan et al is that they measured forearm blood flow (FFB) in only one arm. Changing levels of aP and external stimuli produce similar fluctuations in blood flow of both arms, and to lead to significant misleading alterations in the measured responses if unilateral measurements are used. Thus responses to intra-arterial infusions should have been measured in both arms with the results expressed as ratios of concurrent FBF in the infused and non-infused arms, where the latter serves as a contemporaneous control for the drug effects in the former. Furthermore, response curves are significantly more reproducible than unilateral FBF measurements both at rest and following infusion of vasoconstrictors.

The authors demonstrated a surprising increase in FFB (33–40%) in response to infusion of a locally active dose of the potent vasoconstrictor endothelin-1 (ET-1), which reached its maximum within five minutes from the start. They attributed their finding to enhanced ETB receptor mediated vasodilatation. This needs to be tested by selectively blocking ETB receptors, using BQ-788. To date, upregulation of ETB receptors has been reported in the splanchic and pulmonary vascular beds but not in the forearm. How can the maximum response to the slowly acting ET-1 be reached within five minutes? Also, dose-response curves of the effects of ET-1 and BQ-123 should have been performed.

The authors did not show the ETB receptor mediated responses were unaltered while ing ETA receptors with BQ-123 would allow selective ETA receptor antagonism? What adds to my surprise here is that BQ-123 this was not the case (fig 2 in the article).

In conclusion, the scientific contents of this article would have been greater if the authors had: (1) measured FBF in both arms; (2) presented their data as per cent change in the ratio of flows in both arms at every time point; (3) assessed plasma big ET-1 or preproendothelin mRNA concentrations; (4) examined the responses to an ETB receptor antagonist; (5) performed a dose-response curve; and (6) selected a comparable control group on similar medications as the patients.

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References


Germline testing of mismatch repair gene mutations is not aided by prescreening tumours for allelic loss

Immunostaining and microsatellite testing of tumours is increasingly being used to guide germline testing in individuals with suspected hereditary non-polyposis colorectal cancer (HNPCC). While the aim of these prescreening tests is to screen as many of tumours for LOH and maximise the chance of identifying a pathogenic germline change, it is clear that neither alone is ideal. In clinical practice, germline testing can often only be justified where an individual has developed a tumour which is microsatellite unstable, and which fails to express a mismatch repair protein. Clearly, this approach is imperfect as not all pathogenic germline mutations are associated with failure of expression of the mismatch repair proteins. The aim of this pilot study was to retrospectively assess the utility of loss of heterozygosity studies in predicting the mutated mismatch repair gene.

Seven individuals with germline mutations in hMSH2 were identified from the family cancer clinic at St Vincent’s Hospital, Sydney. The tumours from each of these individuals were microsatellite unstable and failed to express hMSH2, but demonstrated normal expression of hMLH1. For loss of heterozygosity (LOH) analysis, we used microsatellite markers D1S180 and D1S235 (for Exon1), D2S118, and D2S155 (for DMS1), D2S21153, D2S2156, D2S2292, D2S2369, and D2S378 (for hMSH2 and hMSH6) and D3S1447 and D3S3685 (for hMLH1). Only heterozygous loci were regarded as informative and LOH was scored when there was a major reduction (at least 50%) or total loss of one allele in the tumour compared to normal tissues.

Of the seven tumours examined in this study, six showed allelic loss of hMSH2, suggesting that the residual normal allele was silenced by LOH (fig 1). In five tumours, allelic loss of hMSH2 occurred in association with LOH in at least one other mismatch repair gene. Only one tumour had retained heterozygosity at all assessable loci, possibly indicating that a mutation had caused the second hit in this tumour.

Allelic loss of hMSH2 often occurs in association with germline mutations but it is clear that loss of the other mismatch repair genes is also a frequent finding. Screening tumours for LOH should not be employed to select patients for mutation analysis of mismatch repair genes. The use of immunohistochemistry and microsatellite testing remain the best available prescreening tools.
Mild respiratory distress after wireless capsule endoscopy

A 74 year old male patient was seen in our clinic for chronic diarrhea. Duodenal biopsies revealed the presence of coelic disease; upper and lower endoscopies were otherwise unremarkable. As he also presented with marked anaemia and weight loss, he underwent wireless capsule endoscopy (M2A capsule; Given Imaging) in order to exclude additional small bowel pathology.

On the second day after application of the capsule (and before analysis of the pictures), he complained of mild respiratory distress while walking, which had started “right after swallowing the capsule”. Physical examination revealed quiet inspiratory and expiratory swallowing while walking, which had started “right after swallowing the capsule”. Physical examination revealed quiet inspiratory and expiratory wheezing, most audible over the central part of the right lung. A chest x ray was obtained (fig 1) which showed aspiration of the video capsule into the right main bronchus.

He had a history of ankylosing spondylitis with involvement of the cervical spine. Although he reported no symptoms of dysphagia and recalled swallowing the capsule as uneventful, it may be possible that the cervical spine disease contributed to aspiration of the capsule.1

To the best of our knowledge, this is the first published case of aspiration of an M2A capsule since this diagnostic method has become available to general clinical practice. It underlines the recommendations of the manufacturer for caution in use in patients with known or possible swallowing disorders (http://www.givenimaging.com).

Late development of cholangiocarcinoma after hepaticojejunostomy due to ampullary carcinoma

We read with great interest the article by Bettcharst et al (Gut 2002;50:128–9) which found an increase in cholangiocarcinoma incidence after biliary-enteric drainage for benign disease. In their hypothesis, changes in biliary epithelium were induced by toxic carcinogens due to reflux of intestinal contents and bile stasis. However, this chronic irritation and carcinogenesis of the biliary mucosa after biliary-enteric anastomosis has not been reported after surgery for malignant disease. We present a case of a 65 year old woman who developed a cholangiocarcinoma eight years after duodenopancreatectomy for an ampullary carcinoma, stage I. The patient was referred to our department because of obstructive jaundice and cholangitis. Computed tomography scan showed that the patient was disease free. Percutaneous transhepatic cholangiography showed biliary-enteric anastomosis stricture and a diffuse biliary stenosis.
Adoptive transfer of genetic susceptibility to Crohn’s disease

We read with interest the stimulating case report on fulminant Crohn’s colitis following allogenic transplantation by Sonwalkar et al (Gut 2003;52:1518–21) and the respective editorial.1 The authors and the editorialists hypothesised on whether the colitis might be ascribed to the adoptive transfer of stem cells displaying genetic alterations which are associated with Crohn’s disease. However, the ileal sparing disease localisation and course of the colitis which finally necessitated urgent colectomy is rather unusual for Crohn’s disease. In addition, the genetic mismatch between donor and recipient is hardly compatible with the outlined hypothesis.

According to the cited study by Lesage and colleagues,2 the allele difference at position –15 of the TIR15 TTR polymorphism of the NOD2 gene is not regarded as “a disease causing mutation”. In line with this concept is the fact that the donor and his first degree relatives did not suffer from Crohn’s disease. Apart from this observation, the authors did not describe in detail which particular genetic mutations or polymorphisms differed between the donor and recipient. However, some of the described genes are simply not associated with inflammatory bowel disease. As shown by some of the authors and ourselves,3 polymorphisms in the MICB gene (which is not situated within the HLA class III but the HLA class I region) are not associated with Crohn’s disease. The same holds true for polymorphisms of the HSP70 gene which were weakly associated with a more severe course of Crohn’s disease in Japanese patients but not with the disease itself.4 Towards the end of our knowledge, data on possible associations between mutations of the LMP2, LMP7, and NOTCH1 gene and Crohn’s disease are completely lacking. In conclusion, at best only an extremely weak genetic predisposition can be extracted from the extensive genotyping and thus the postulated transfer of genetic susceptibility remains highly speculative.

The increased incidence of inflammatory bowel disease in patients with combined immune defects and the recently described increased adherence of bacteria to the intestinal mucosa, which might particularly be facilitated in the presence of mutated NOD2 protein, suggest that the initial event in the complex pathophysiological process in Crohn’s disease is compatible with impaired mucosal clearing function which precedes an excessively large T cell driven immunological activity. This hypothesis is further sustained by various genetically engineered animal models which are protected from the development of enterocolitis under germ free conditions, and therapeutic approaches, such as the use of immunostimulatory substances or immunotherapy (for overview see Folwaczny and colleagues’). Thus a complementary explanation for the described phenomenon might be the persistent immunosuppressive effect the donor has received.

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References

BOOK REVIEWS

Self Assessment Colour Review of Hepatobiliary Medicine


Roger Chapman and Henry Bodenheimer have produced a useful addition to the libraries of gastroenterologists with an interest in liver disease. Hepatobiliary Medicine provides 189 questions and answers in 190 pages covering a wide range of hepatobiliary problems. The book will fit in a white coat pocket and is printed on high quality glossy paper. The questions comprise case histories, illustrated with laboratory test results and photographs of histology and imaging investigations. Unfortunately, the reproduction does not allow readers to recognise some of the histological and imaging abnormalities referred to in the text, but most can be discerned with the benefit of hindsight (and the answers). The authors have done an excellent job in assembling a diverse collection of cases with relevant images and laboratory data. The questions are presented on one side of the page and the answers are on the reverse, allowing the reader to formulate their own responses without “cheating”.

The subject matter of the book encompasses the full range of liver diseases, including a fair smattering of rarities that are only likely to be encountered more than once by specialist hepatologists. Indeed, the content of the cases will test experts. Hepatobiliary Medicine fulfils the remit of the series, as declared in the book’s header, to help readers “learn, revise, reinforce”. Inclusion of a number of paediatric cases will be particularly helpful to adult gastroenterologists/hepatologists who are occasionally asked to see paediatric cases.

The authors have included an index and a list of cases classified by diagnosis. This is extremely useful when using the book for revision or reinforcement. The classification of cases reveals some surprising choices of emphasis. Eight questions on primary sclerosing cholangitis, seven on Wilson’s disease, and one on fatty liver disease hardly reflects the distribution of cases that the general gastroenterologist might encounter but the selection of cases will educate and inform, and the choices reflect the difficulty of diagnostic conundrums rather than disease prevalence.

Publication of this short textbook is timely with the growth of hepatology as a subspecialty and the shortening of training programmes reducing the opportunities for trainees to “learn by osmosis”. It is a useful addition to the gastroenterologist’s library.

W Rosenberg

The Inflammatory Bowel Disease Yearbook 2003


This is the first in a planned yearly series of updates on the latest topics in inflammatory bowel disease clinical practice and research. I was initially sceptical that the hard backed book format could provide a reasonably current overview but was pleasantly surprised that the reviews were topical and cited papers from early 2003 (including for example, the natalizumab trial and wireless endoscopy data). These are aimed at the general gastroenterologist, and those with a more in depth clinical or research interest in inflammatory bowel disease.

Six key current areas are reviewed by experts in the field: conventional drug therapy, the newer biological therapies, serodiagnosis, genetics, imaging developments, and...
probiotics. These topics are written by authors expert in the field, and there is little overlap between the chapters—often a problem in the multi-author format. I would have preferred more detail in a few areas (for example, pharmacology/adverse response prediction with azathioprine) and a bit less in others (for example, some of the genetics chapter is too detailed, and it was not easy to differentiate replicated from preliminary findings). All chapters are well referenced, with good tables and figures of key points providing clarity.

The Yearbook disappeared once from my shelf while I was trying to review it—so I would definitively recommend it as a useful update. It might be especially helpful if one had missed out on attending a recent gastroenterology conference. Finally, Remedia might be able to further promote the Yearbook with a prize for guessing the nature and relevance of the weird industrial plumbing on the cover.

D van Heel

Fast Facts: Irritable Bowel Syndrome, 2nd edn


Functional gastrointestinal disorders in general, and irritable bowel syndrome in particular, have long been a minefield of misunderstanding and mismanagement which has caused confusion not only to clinicians but also to patients.

In recent years, an international working team have attempted to resolve this babel-like tower of confusion by forming the now famous Rome group and producing Rome criteria which have served to harmonise clinical terms and facilitate trials of therapy. However, in general, ex cathedra statements and weighty tomes from the Vatican have rarely changed the understanding of the gospel for the average cleric or parishioner, and a simpler interpretation is usually required. This little ‘hymnal’ provided by two experienced practitioners with many decades of practical experience and a ‘cardinal’ understanding of the issues of irritable bowel syndrome, now provides just what is necessary to bring the word to the people.

The book’s mission is to review in a simple and balanced way what we know (and what we do not know) about the nature of symptoms, and their causes, and how, in an equally simple and practical way, both the primary care practitioner and patients can help themselves to cope with what is often a disturbing chronic set of problems. Their communication style is clear and concise, and without any tendency to pontificate. While its target readership is stated to be the ‘family doctor’, I am sure that it is equally relevant for the gastroenterologist and for the trainee in gastroenterology for whom the standard textbooks on the subject do not offer much practical guidance in the clinic.

Broadsheet reading patients would also benefit from the balanced view provided by the authors and with luck might in turn reduce their uptake of some of the increasingly bizarre non-orthodox therapies which are now appearing.

The books first edition appeared in 1999, and has now, by popular demand, been republished in an extensively updated version. It clearly reflects current understanding of the condition and provides a balanced and pragmatic view of its management.

In short, an excellent and up to date pocket psalter for the practitioner.

D Thompson

NOTICES

British Society of Gastroenterology
Paul Brown Travel Fellowships

The Paul Brown Travel Fellowships are awarded by the Endoscopy Committee of the BSG. They are intended to assist trainee gastroenterologists and established consultants in visits to units outside the United Kingdom for specialist experience and training in endoscopy.

Specialist registrars who have not achieved their CCST are expected to have the approval of their Postgraduate Dean and their Regional Training Director when they apply for a Travel Fellowship. Applicants are expected to provide confirmation that they have been accepted for training in the unit that they wish to visit.

Successful applicants will be expected to provide a brief written report to the Endoscopy Committee of the outcome of their visit.

Application forms are available from the British Society of Gastroenterology Office, 3 St Andrew's Place, London NW1 4LB. Email: bsg@mailbox.ulcc.ac.uk

PET/CT and SPECT/CT Imaging in Medical, Radiation, Surgical and Nuclear Oncology

This continuing medical education programme will take place on 19—20 March 2004 at Johns Hopkins University School of Medicine, Baltimore, Maryland, USA. Further details: Office of Continuing Medical Education, Johns Hopkins University School of Medicine, Turner 20, 720 Rutland Avenue, Baltimore, Maryland 21205-2195. Tel: +1 410 955 2959; fax: +1 410 955 0807; email: cmnet@jhmi.edu; website: www.hopkinscme.org

39th Annual Meeting of the European Association for the Study of the Liver

This meeting will be held on 15—19 April 2004 in Berlin, Germany. Further details: Secretariat, c/o Kones International, 17 rue du Cendrier, PO Box 1726, CH-1211 Geneva, Switzerland. Tel: +41 22 908 0488; fax: +41 22 732 2850; email: info@easl.ch; website: www.easl.ch/easl2004

Deadline for receipt of abstracts: 16 November 2003
Deadline for early registration 10 February 2004

14th International Workshop of Digestive Endoscopy, Ultrasonography and Radiology

The 14th International Workshop of Digestive Endoscopy, Ultrasonography and Radiology will be held in Marseille on 27—28 May 2004. For further information, please contact: Nathalie Fontant, Atelier Phenix, 41 rue Docteur Morucci, 13006 — Marseille (tel: (33) 04-91-37-50-83; fax: (33) 04-91-57-15-28; e-mail: nfontant@aphenix.com)

European Postgraduate Gastro-surgical School (EPGS) Courses 2004

The EPGS at athe Academic Medical Center of the University of Amsterdam will be holding the following courses during the year: ‘Benign Hepato-Biliary Disorders’ will be held on 22 & 23 April 2004, ‘Endosonography live in Amsterdam’ will be held on 2, 3 & 4 June 2004, and ‘Update in Coloproctology’ will be held on 28 & 29 October 2004. For further information, please contact: J Goedkoop (tel: (31) 566 3926; fax: (33) 267 5594; e-mail: j.goedkoop@amc.uva.nl; website: www.epgs.nl).
Primary antiphospholipid syndrome as a new cause of autoimmune pancreatitis

H L Spencer

Gut 2004 53: 468

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