

Table 1 Reported cases of exacerbation of ulcerative colitis induced by interferon (IFN) therapy in *Japana Centra Revuo Medicina* (in Japan) and in MEDLINE

Author, year, country	Age/ sex	Background	IFN	Period to exacerbation	Region of colitis	Therapy	Result
Mitoto 1993 Japan ¹	34M	Hepatitis C	IFN- α	23 days	R-A	Conservative	Reinjection of IFN under administration of SASP
Honda 1993 Japan ²	50M	Hepatitis C	IFN- α	14 months	R-D	SASP	Exacerbation after readministration of IFN
Yasumori 1995 Japan ³	42M	Hepatitis B	IFN- α	1 day	Total colon	Total colectomy	Death
Yamamoto 1995 Japan ⁴	40M	Hepatitis C	IFN- α	5 months	R-S	SASP	Discontinuation of IFN
Usami 1999 Japan ⁵	47M	Renal cancer	IFN- α, γ	12 months	R-A	Conservative	Discontinuation of IFN
Mavrogianni 2001 Greece ⁸	29F	Hepatitis C	IFN- α	14 days	R	Mesalazine+steroid	Continuation of IFN under administration of mesalazine and steroid resulted in exacerbation of UC
Niki T 2001 Japan ⁶	49M	Hepatitis C	IFN- α	2 months	Total colon	Mesalazine, steroid	Discontinuation of IFN
Awakawa 2002 Japan ⁷	48M	Hepatitis C	IFN- β	7 days	R-A	Mesalazine	Discontinuation of IFN
Sprenger 2005 Austria ⁹	54M	Hepatitis C	PEG-IFN- α + ribavirin	3.5 months	Total colon	Mesalazine+steroid	Discontinuation of PEG-IFN- α and ribavirin
Watanabe (2006) Japan (present study)	55M	Hepatitis C	PEG-IFN- α + ribavirin	2.5 months	R-D	Mesalazine+steroid	Discontinuation of PEG-IFN- α and ribavirin

R, rectum; S, sigmoid colon; D, descending colon; A, ascending colon; SASP, salazosulapyridine; UC, ulcerative colitis.

and ribavirin in April 2005, and continued treatment for ulcerative colitis with continuous oral mesalazine and prednisolone. Despite discontinuation of PEG-IFN and ribavirin, the patient's symptoms did not change and he was hospitalised in May 2005. The patient improved following treatment for ulcerative colitis with mesalazine and steroid therapy. He was discharged on 3 June 2005 and was followed and observed as an out-patient.

We encountered a case of ulcerative colitis apparently caused by combination therapy of PEG-IFN and ribavirin for hepatitis C. A literature search using *Japana Centra Revuo Medicina* (keywords: interferon, ulcerative colitis; retrieval period: 1983–2006) found seven cases^{1–7} of onset and exacerbation of ulcerative colitis caused by IFN therapy in Japan (table 1). Conversely, a literature search using MEDLINE (keywords: interferon, ulcerative colitis) found only three reports in English worldwide (Mitoto and colleagues,¹ Mavrogiannis and colleagues,⁸ and Sprenger and colleagues) (table 1).⁹ Moreover, only one of these cases described exacerbation of ulcerative colitis due to combination therapy with PEG-IFN and ribavirin.⁹ Thus our patient is the second reported case to date.

As PEG-IFN can maintain higher blood levels than classical IFN, IFN may have a larger effect on the immune system. Furthermore, it has been reported that ribavirin alters the balance of Th1/Th2 and causes resistance to HCV by cellular immune processes.¹⁰ Combination therapy with PEG-IFN and ribavirin may thus have more significant effects on immunomodulation than classical IFN treatment.

This is a case of chronic hepatitis C with adenomatous hyperplasia of the liver at the age of 55 years. Antiviral therapy for chronic hepatitis C after RFA for adenomatous hyperplasia might prevent future carcinogenesis in the liver. We conclude that the benefits of prevention of carcinogenesis in the liver by combination therapy with PEG-IFN and ribavirin supersede the risk of relapse and exacerbation of ulcerative colitis. Furthermore, we selected the combination therapy of PEG-IFN and ribavirin for antiviral therapy because the patient had HCV genotype 1 infection and high pretreatment viral burdens.

We expect the use of IFN, as an antiviral therapy for hepatitis C, to continue to increase. Changes to immune system regulation and specific adverse reactions such as ulcerative colitis associated with combination therapy may be expected to occur at a significantly higher frequency than with monotherapy IFN. Further discussion is needed on how to prevent adverse reactions with combination therapy.

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Conflict of interest: None declared.

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BOOK REVIEWS

Pocket Consultant Gastroenterology, 3rd edn

S Travis, T Ahmed, J Collier, et al. Oxford: Blackwell, 2005, £34.99, pp 488. ISBN 1405111925

"Things should be made as simple as possible, but not any simpler"
Albert Einstein

The aim of this revision was to update a book originally published in 1991, with the second edition appearing in 1998. The objective is clearly to produce a manageable distillate of the contemporary state of clinical

gastroenterology, current standard textbooks now being of substantial mass or multi-volume status.

In common with the other subject volumes in this series, it is aimed at doctors in training (both generalists and specialists), but would be equally valuable to other professionals working within the field of gastroenterology, such as nurses, physicians assistants, medical care practitioners, etc.

The authors are a small group of respected clinical gastroenterologists, including a trainee. The composition and modest size of the writing group has allowed a practical and relevant approach and a consistency of writing and presentation style, often lacking in large multi-author texts.

The objective of the book is to provide clear knowledge of guidance that would be of use in the emergency and endoscopy rooms, the ward round, and the clinic. Given the massive knowledge base informing this modest sized volume (483 pages, weight 0.9 kg), it is not surprising that the authors have made extensive use of bulleted lists, tables, and diagrams. There are a useful number of imaging studies, often accompanied by a well labelled explanatory line drawing. What is not included is an extensive balanced presentation of the prevailing issues under debate, addition of which would have defeated the primary aim of producing a practical and *portable* book. Those readers with interests in the debates will have to look to the current journals and conferences. A reading list is provided, rather than comprehensive referencing of the text. This will undoubtedly cause occasional frustration, but referencing may have added 20–30% to the size of the book.

The book is well laid out and it is easy to navigate to specific topics, with individual section contents pages, which I found particularly helpful. The first section, "alimentary emergencies", seems particularly laid out with the admitting registrar in mind, with a good starting plan with cross referencing to further information in the rest of the book about detailed disease management for subsequent browsing when time allows.

Have the authors succeeded in their objectives? My own view is yes. Where do I see this book sitting? Certainly not in pockets; white coats have largely disappeared and, despite the book's title, an average outfit could not accommodate this tome. I envisage a great value for it as a resource for general medical examination study, and I can imagine it sitting well thumbed in junior doctor's offices and near patient areas, such as the emergency room and the medical ward. Rather tellingly, my husband, who runs an intensive care unit, has just absconded with my review copy.

P Neild

Clinical Gastroenterology and Hepatology

Edited by W M Weinstein, C J Hawkey, J Bosch. London: Elsevier Mosby, 2005, pp 1191. ISBN 0 323 02751 2

"We must go beyond textbooks, go out into the bypaths and untrodden depths of the wilderness and travel and explore and tell the world the glories of our journey" Professor John Hope Franklin.

However, textbooks are changing too. Electronic editions, online extensions, PDA downloadable versions, online updates, and enhancements such as video clips have created a fusion of textbooks and the worldwide web that is changing the experience and expectations of the readership. The emerging pressures of revalidation and recertification of doctors via formal testing is also creating a new demand for practical and concise textbooks. It is now possible to travel places with a textbook and a computer.

At over 1000 pages, this textbook can hardly be labelled concise although the layout is extremely well organised. It uses all of the electronic enhancements mentioned above and is profusely illustrated with highlighted tables and message boxes. There are four colour coded sections: symptoms, syndromes and scenarios, diseases of the gut and liver, primer of diagnostic methods, and primer of treatments.

The four sections create challenges in preventing overlap and repetitions. For example, heartburn is covered in symptoms section and oesophageal diseases section, with repetitions in diagnostic tests of motility and functional tests and the treatment sections. Overall, however, the structure works reasonably well and the first two sections are the strongest. There are superb chapters such as analysis of diarrhoea, but also chapters such as functional gastrointestinal disease which simply lists a succession of tables. Some of the chapters in the initial section also have useful internet sources of information for patients and doctors. The symptoms, syndromes, and scenarios ignore an increasingly large proportion of health care seekers who wish to avoid risks by screening, although asymptomatic.

Diseases of the gut and liver are organised roughly in anatomical and conventional order but cover the entire breadth of gastrointestinal and liver disorders with a superb collection of splendidly illustrated chapters. Some, but not all, of the chapters are state of the art, with particularly strong coverage of gastric malignancies and colorectal cancer. A

chapter on other gastrointestinal tumours misses opportunities for illustrations and could have been easily merged with a previous chapter on gastrointestinal stromal tumours and carcinoid tumours. Motility disorders are well covered, including a very well balanced chapter on irritable bowel syndrome.

In the primer of diagnostic methods, there are some excellent chapters on endoscopic techniques, but given the profusion of endoscopy textbooks, it may be less useful to the readership. However, virtual endoscopy and the PET chapters are well written and illustrated. Novel endoscopic imaging modalities are covered somewhat too concisely. In the primer of treatments, the chapter on drugs used in gastrointestinal and liver diseases is mostly repetition and redundant, but the nutritional assessment and management sections are strong.

The authorship is international and a refreshing number of "rising stars" are represented. The index is comprehensive. Overall, this is a welcome addition to the wide selection of textbooks available to gastroenterologists and will be useful to both trainees and experienced clinicians. It fulfils the definition of a good book.....

"That is a good book which is opened with expectation and closed in profit" Amos Bronson Alcott.

S Ghosh

NOTICE OF WITHDRAWAL

doi: 10.1136/gut.2006.069237

Y S Guan, Y Liu, X P Zhou, X Li, Q He, and L Sun. p53 gene (Genticine) and embolisation overcame recurrent hepatocellular carcinoma. *Gut* 2005;**54**:1318–19.

This case report has been withdrawn because it has already been published in the *World Journal of Gastroenterology* 2005;**11**:3803–5. It was submitted to *Gut* in error by the first author, who was unaware of the prior publication and apologises for his mistake.

CORRECTION

doi: 10.1136/gut.2005.081794corr1

Ogata H, Matsui T, Nakamura M, *et al.* A randomised dose finding study of oral tacrolimus (FK506) therapy in refractory ulcerative colitis. *Gut* 2006;**55**:1255–62.

We wish to clarify the initial total daily tacrolimus dose was 0.05 mg/kg given as 0.025 mg/kg twice daily not 0.05mg/kg twice daily as stated in the abstract and text.



CORRECTION

Gut 2006 55: 1684
doi: 10.1136/gut.2005.081794corr1

Updated information and services can be found at:
<http://gut.bmj.com/content/55/11/1684.3>

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