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The editors will decide as before whether to also publish it in a future paper issue.

An unusual cause of massive fatal epistaxis
A 90 year old woman was admitted to our accident and emergency department with spontaneous brisk epistaxis. On arrival she was profoundly hypotensive and unresponsive.

Her airway and breathing were managed according to Advanced Life Support protocol. Volume resuscitation was started and intranasal packs used in an attempt to curtail the epistaxis. Unfortunately these measures were unsuccessful and the patient died shortly after presentation.

Postmortem examination revealed an 8x6x3 cm internal carotid artery (ICA) aneurysm in the base of the skull extending into the ipsilateral anterior and middle fossae and crossing the pituitary fossa to reach the contralateral anterior fossa. There was patchy erosion of the contralateral basal skull bones and a large defect communicating with the nasal space. The cause of death was recorded as fatal epistaxis secondary to an ICA aneurysm.

Epistaxis is a common symptom that can usually be managed conservatively by means of anterior and posterior gauze packing. It is rarely caused by ICA aneurysm. Attempted management of epistaxis secondary to ruptured ICA aneurysm using standard measures is often futile and mortality is high. For this reason other techniques have been devised for use in the acute situation, including internal carotid artery ligation at the neck and endovascular methods such as balloon embolisation, stent deployment, and the use of microcoils.

It is intended to raise awareness of a less common but dramatic cause of epistaxis that is commonly fatal if undiagnosed.

F Urso-Baiarda, N Saravanappa, R Courteney-Harris
Department of Otolaryngology and Head and Neck Surgery, University Hospital of North Staffordshire, Harthill, Stoke On Trent, UK

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Correspondence to: Mr F Urso-Baiarda, Department of Burns and Plastic Surgery, The Welsh Centre for Burns and Plastic Surgery, Morriston Hospital, Swansea, UK; furi@doctors.org.uk

References
1 Alvi A, Jayner-Triplet N. Acute epistaxis. How to spot the source and control the flow. Postgrad Med 1996;99:83-90, 94-6

BOOK REVIEWS

Current management of scaphoid fractures. Twenty questions answered

In 1992 Nicholas Barton, the author fronting this book, wrote an article, published in The Journal of Hand Surgery, reviewing the management of scaphoid fractures by considering 20 questions. In this book he presents the state of play in 2002 by posing each of those questions to nine international experts. Mr Barton’s coauthors Günel and Calli collate the responses in the form of 20 chapters while Mr Barton summarises each chapter and adds his own opinions. The result is a very readable overview of the subject.

The questions deal with each stage in the fracture’s management from how to make the initial diagnosis, how best to treat it, when to operate, and through to what to do when it all goes pear shaped. The book will thus be of interest to anyone who deals with this troublesome fracture in any way and therefore to all of us in A&E. It is, however, bedtime reading rather than a manual of any use when battling on the front line.

The review will also interest those of us who wear a managerial/clinical director’s hat and who wish our juniors to work according to pre-determined protocols. And if Mr Barton and Timothy Herbert (who invented the screw of the same name), as well as others, decry the use of algorithms, stating that “Medicine is an art, not a science”. Well, for those of us who entered medicine from a scientific background and who find algorithms useful for pointing our staff in an evidence based direction, the review does allow us to re-consider our own practice. Its relevance will, of course, vary between units depending upon how many chapters’ worth each department gets involved in scaphoid management.

I found this a useful and easy to read book. I am grateful to the EMJ for asking me to review it as I would have probably otherwise dismissed it as being of orthopaedic interest only.

N Jenkins

Poisonous plants and fungi in Britain and Ireland—interactive identification systems on CD-ROM

Poisonous plants and fungi is a fun, easy to use guide in identifying plants and fungi commonly seen in the areas we live. The photographs used on the CD-ROM are excellent as they show the various plants/fungi in different stages of growth and seasons. The CD-ROM works by asking a series of questions about the plant/fungi in question. A process of elimination begins from your responses to the questions. This can be time consuming as you may be asked up to 20 different questions; this is done to reduce the result to less than five possible suspects. You may decide to skip questions, this will then result with a list of up to 229 suspects to search through.

Once a suspect is identified you can then search through the following list about the suspects, if still unsure you may then move to view the next suspect; photographs are available to view with a zoom facility, a summary on the plant/fungi, the toxicity of the suspect. A print option is also available, and you can exit at any point and restart your search.

The CD-ROM also allows the medical practitioner to look at poison syndromes, asking specific questions about symptoms and time of onset, then giving you a possible poison syndrome and the plants/fungi involved.

There are some botanical words that may leave you baffled, do not worry as there is a glossary that you can access through the help icon. (I did this many times!)

From an emergency department perspective this is a useful tool, but the editors do state this is only a guide and the content should not be used for diagnostic purposes and therefore a need to contact the poisons information is still required.

It should be remembered that the plants/fungi covered are only aimed for Britain and Ireland and therefore cannot be used for those returning from foreign travel. The CD-ROM is in colour, and the editors also state that a colour blind person should not use this.

This software is excellent for teaching anyone about various toxins found in common plants and fungi. Teachers in schools or parents at home could use it. However, in the emergency department setting it should be
used with caution, as the editors write in their disclaimer. This should be used as an educational tool for all professionals, members of the public, and schools as intended by the authors.

A S Gloster

Medication errors. Lessons for education and healthcare


“Never judge a book by its cover!” This proverb has particular relevance to Professor Naylor’s book as “medication errors” discusses a wide range of challenging issues. In particular, as well as an account of drug errors, it also offers relevant and detailed commentary on adverse event reporting, risk management, and, consequently, clinical governance.

About one million patients a day in the UK visit hospital or their doctor interacting with 700 000 healthcare staff. Many of these patients receive medication and even with a low error rate of 0.0001%, this would still result in a hazard to around 255 000 patients a year. Drug errors are undoubtedly an important public health risk and the single commonest form of medical error.

The book defines the extent of this global problem in all healthcare environments. Professor Naylor is both incisive and controversial in his analysis of the causes, risk factors, and cost of medical errors. The effect of high intensity workloads, especially in critical care settings is explored. He also details the introduction of the “NPSA” in the UK following the landmark report “An organisation with a memory” and “Building a safer NHS for patients.” In addition, he challenges the “blame culture”, which is seen as a major barrier to the openness required if sentinel events are to be reported, lessons learned, and safety improved.

Root cause analysis of cases of methotrexate toxicity and intra-thecal administration of vincristine and vinblastine provide the reader with insight into the aetiology of these catastrophic errors. Strategies to prevent repetition are also explored along with general measures to reduce the risk of adverse events.

Professor Naylor also emphasises the pivotal part education and knowledge play in minimising drug errors. He questions whether the medical undergraduate course fails to provide graduates with the necessary skills to prescribe and administer medications safely. Controversially, he also challenges the efficacy of courses directed towards problem solving in clinical practice where this approach is often combined with a reduction in the curriculum’s factual content.

The implications this presents with respect to continued professional development are discussed. Furthermore, the continued dilution of generalist knowledge by the development of increased specialisation is highlighted as a factor in limiting professional competence in prescribing.

Throughout the book, Professor Naylor’s commentary explores many entrenched principles. He consistently addresses difficult and challenging issues in a perceptive and thought provoking manner. As such, I would commend this book to any practitioner dilettante in medical care even if they based their reading on the succinct summaries provided at the start of every chapter.

Certainly, a colleague of whatever discipline with an interest in risk management, would find it compulsive reading.

C E Brookes

Emergency nursing care: principles and practice


Prepare yourself for a whistle stop tour through A&E!! This book gives a good overall view of emergency nursing. It provides a valuable insight into issues as diverse as the emergency care of the child and adolescent to dealing with major disasters.

It is easy to read and well set out, although in certain sections the clarity of the book is marred by the overuse of tables. The book provides background information as well as acting as a quick reference guide to assist the practitioner in practice.

The text then goes on to account the many recent changes in emergency care policy driven by the Department of Health and therefore is “up to date” and relevant on a national basis. It is well referenced and offers a good guide for evidence based practice.

It would be an ideal text for anyone wishing to enter the Faculty of Emergency Nursing, especially at level W and as such is an excellent book for students and staff new to emergency care. Part 3 of this book, for example, “Emergency Care of the Older Person”, would be particularly useful to personnel involved in prehospital care such as paramedics practitioners.

Anyone wishing to specialise in a specific area of emergency care, for example, minor injury, would need to access specialist text. However, this is true of any general A&E text, as it would take someone with the proportions of Arnold Schwarzenegger to lift a book with everything in it!

The authors have succeeded in writing a book that fills a gap in the market, is “uncluttered” by irrelevance, and will be valued by many emergency care practitioners.

J Perrin

Recent advances in anaesthesia and intensive care


This is the 21st edition of this book spanning over 70 years of anaesthetic care. In this edition the title and contents have been changed to reflect the increasing importance of intensive care. The book is, of course, aimed principally at clinicians in anaesthesia and intensive care. The book covers in detail very specific but a wide ranging list of anaesthetic related topics. These include among others the pharmacology of COX2 inhibitors, neuromuscular pain, education and training in anaesthesia, prone ventilation, and advances in resuscitation. The chapters are well written and are detailed reviews of the current literature relating to recent advances in each topic.

This is not a book that will be read from cover to cover by the emergency physician. The chapters are detailed and are not formatted in a manner that allows the casual browser to dip into them and glean relevant information. It would, however, be a useful reference source for clinicians looking for up to date reviews on specific subjects.

The chapters on asthma and recent advances in laryngology are reasonable summaries of the current concepts and issues in these clinical areas and are pertinent to all individuals practising emergency medicine. Some of the non-clinical chapters such as those on education and training, managing medical mishaps, and the legal aspects of anaesthesia have generic information that is also of relevance to our specialty.

In summary, this is a book that should be available in every hospital library rather than in the emergency department book list.

A Gray

ABC of spinal cord injury, 4th edn


An old adage states that anyone can become an expert if they choose a small enough field. Emergency physicians have to know a little bit about the emergency management of everything, our expertise being limited not by condition but by time. I found it refreshing to read the ABC of Spinal Cord Injury, which illustrates perhaps the limits of specialisation and the holistic approach that such patients need, not only from the medical specialties but also from the nursing, physiotherapy, occupational therapy and community support teams.

The book is clearly written and illustrated in the BMJ ABC series format. The chapters are arranged to follow the time course sequence of a patient with spinal injuries. Emergency physicians may be most interested in the first five chapters, covering epidemiology and prehospital care, initial management and assessment, radiological investigations, medical management, and early complications. I have great difficulty remembering each individual muscle group or exact dermatomes while in the resuscitation room so I was particularly interested to read about the American Spinal Injury Association (ASIA) impairment scale and the associated form allowing clinicians to accurately record neurological deficit. A copy of this form would be a welcome addition to the emergency medical notes, comparable to the Lund and Browder charts that we use for burn patients. Other current topics in the emergency management of spinal injury such as the use of corticosteroids in the acute phase and the use of emergent MRI are also discussed.

Perhaps one of the disadvantages of the book to the emergency physician is hinted at by the title, ABC of Spinal Cord Injury. The number of patients that we see with potential spinal injuries is great but thankfully few patients will turn out to have significant injury. “Clearing” the spine is a vital skill for the emergency physician to learn, but cannot be covered by a book dealing with only the injured patient.

A few minor criticisms. There is wide spread use of acronyms and jargon. AUS is not a country with kangaroos but artificial root stimulation (AUS) (root stimulation) in a spinal injury unit...
would not provoke immediate isolation. Interestingly while poikilothermia is used by both a physician and a nurse author, only the nurse fully explains its meaning.

The greatest value of this book lies in reading the chapters outside your own area of expertise. I recommend this book to all clinicians involved in the management of patients with spinal cord injuries. Most particularly, we should all jump out of our little boxes of specialisation and read the chapters by the paramedical specialists and about the care of patients with spinal injuries in the developing world. While the book will not cover every question that the experienced clinician needs to ask it will raise awareness that management of patients with spinal cord injury is like life itself and is best approached with a broad mind.

P J Harmbrey

Fundamentals of anaesthesia, 2nd edn

This book is intended for anaesthetists in training. The editors set out to generate a text book encompassing the primary FRCA syllabus with their first edition and have now come up with a new and improved version. If you are sitting the primary FRCA exam, then this book has a lot to offer: there are four sections and 963 pages in all, and it measures up to the competition. The first section is all about clinical anaesthesia, and is the most relevant to emergency department doctors. The second and third sections cover physiology and pharmacology, while the final section deals with physics and clinical measurement. Much of the later sections are not really necessary for us in the emergency department, and to tell the truth I expect our somewhat short attention spans will not extend to details of light transmission and absorbance. If this is your thing, though, you will not be disappointed.

The editors have taken a lot of trouble to ensure there is consistency of style, which makes reading it easier, and the layout is reader friendly. Tables and figures are monochrome or highlighted with shades of peach or green which becomes a little dull after a while. If I was using this book to work for an examination, more colours after a while. If I were using this book to work again? Oh yes, here is the chapter, in five pages. I thought that the ABC of Clinical Electrocardiography was excellent when published as a series of articles in the British Medical Journal. Collected into these articles together has created a book that is a pleasure to read. It is pitched at exactly the right level for the emergency medicine practitioner—comprehensive, but without getting distracted into the esoteric.

The format of the book is easily readable, with every page having many examples of ECGs, or diagrams, to illuminate the text. Key points are collected together with the liberal use of headings to break the complex subject into digestible pieces. This format means that the book might also appeal to the interested undergraduate who wanted to go beyond the basics of ECG interpretation. The structural and visual format will make this book a useful quick reference in the clinical setting.

The book does exactly what it says on the cover. There is no information about the man behind the underlying clinical conditions, which has enabled the ABC of Clinical Electrocardiography to remain concise and to the point.

The first chapter contains a revision of the basics of physiology and pharmacology. The remainder of the book deals with common arrhythmias and myocardial infarction. Coverage of these subjects in some detail seems to be very appropriate. I liked the fact that a chapter on exercise testing was included, as this investigation is likely to be moving much closer to the emergency department in the future, and may well come under the remit of the emergency physician in a clinical decision unit. Subsequent chapters are about conditions affecting the right and left heart, and conditions causing ECG abnormalities from a non-cardiac causes. The paediatric chapter contains more information than most of us will need, but may be useful for those working emergency department near paediatric cardiac centres.

In the introduction Francis Morris suggests that ECG interpretation is all about pattern recognition. This book certainly improved my pattern recognition skills.

T J Coats

Clinical research

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