

the place of PGD in late-onset disorders is highlighted. Its controversial role is explored with reference to parents of children needing haematopoietic stem cell transplants who are trying to ensure that their next child is free of disease or indeed are trying to provide a good tissue match for an existing sick child.

Excellent up-to-date accounts are given of clinical practice in endometriosis, recurrent miscarriage and post-menopausal bleeding. Moreover, the historical practice of ovarian surgery for polycystic ovarian syndrome is re-examined with the benefits of laparoscopy. Two thirds of women can ovulate after ovarian surgery with half conceiving within twelve months. However, women with raised BMI or infertility lasting greater than three years appear to be resistant to surgery. The role of insulin resistance in polycystic ovarian syndrome is afforded a further detailed chapter for those with an academic interest.

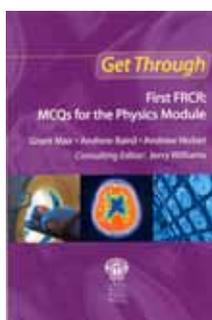
Of particular note is the concise but highly relevant chapter on Risk Management. This chapter gives a synopsis of all the buzzwords commonly used in this topic. It provides a useful framework for a subject which encompasses an extensive array of theories, thus enabling the reader to form a basis upon which to question preventable errors in medicine.

In conclusion, the eighteen chapters are presented in an accessible and easy to read format, which are all well referenced. Each topic incorporates a comprehensive overview, which emphasises the salient points of interest and, just as importantly, highlights areas that remain ambiguous, making this a very user-friendly aid for both busy clinicians and those sitting RCOG membership examinations. In all, this is a bookcase essential for all grades within the speciality.

#### Dr David Glenn

#### GET THROUGH FIRST FRCR: MCQS FOR THE PHYSICS MODULE.

Grant Mair, Andrew Baird, Andrew Bisset. Consulting Editor Jerry Williams. 1st Edition, The Royal Society of Medicine Press. October. 2010. 156pp. £24.95. ISBN 978-1-85315-951-0.



This book is part of the Royal Society of Medicine Press “Get Through ...” series aimed at doctors in training. It’s a pocket size book of multiple choice questions with answers and a mock examination at the end to test yourself. The First Part FRCR exam has gone through some renovation recently so this book is timely and comprehensive. It is written by three specialist registrars in Radiology (all passed their exam first time) and edited by Jerry Williams, Head of Radiological Physics Training for South East Scotland. The book will appeal to trainee radiologists who are sitting their FRCR part 1 exam, lecturers in Physics for Radiologists and also Radiology tutors.

After a contents page and useful list of abbreviations, the book is structured into sections each focussing on key sections of the FRCR part 1 physics syllabus. The questions follow the format of the examination closely and I wasn’t able to

identify any errors in the samples I attempted. One of the key strengths of this book is that each answer has a short explanation (sometimes up to a paragraph) which immediately commends itself. Also, the questions are graded with a star system to give you an indication of the difficulty of each question. The questions ranged from the basic “The atomic number of iodine is 53” (True - and I’m sure you knew that) to the more challenging “The photoelectric effect occurs at a maximum when the incident photon energy is just less than the k-edge” (False – and I’m sure you knew that too!). The book is not all basic physics, there is lots applied science and technology too. For example, “The centre of the patient receives the highest radiation dose when using a helical scanner” (False) or “Modern plastic cardiac pacemakers are safe for MRI (False – it is not just what things are made of that may make them hazardous in MR scanning). One of my favourites was “Photon starvation occurs in obese patients” (False - even the physicist has a sense of humour!). I wasn’t able to identify any missing sections although in some cases there was a limited supply of questions. For example, in the area of contrast agents or imaging modality quality assurance, there tended to be one question only. This is a minor quibble, as these questions serve to help the candidate identify areas for revision rather than cover the whole spectrum fully.

A candidate who is able to answer the questions correctly in this book, and has their knowledge supported by thorough revision, will very likely do well in their FRCR Part 1 Physics exam. It is certainly worth the £24-95 to see you through the exam.

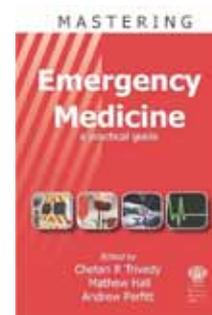
#### Dr John Winder

#### MASTERING EMERGENCY MEDICINE: A PRACTICAL GUIDE. 1<sup>ST</sup> EDITION.

Editors: Chetan Trivedy, Mathew Hall, Andrew Parfitt

The Royal Society of Medicine Press. November 2009. Paperback.

£39.95 ISBN 978-1-85315-744-8



This is a welcome 1<sup>st</sup> edition text for trainees in Emergency Medicine. Never before has there been such a concise, revision-focused text that aids preparation for the Emergency Medicine clinical exams, at both Membership and Fellowship standards.

This well-designed text is in a format closely based on the College of Emergency Medicine (CEM) syllabus. In the 34 chapters, there is coverage of the core curriculum with sections including: Resuscitation, Wound Management, Infectious Diseases, Acid-Base Disorders, Toxicological Emergencies and Psychiatric Emergencies. A chapter on Medico-Legal Aspects of Emergency Medicine encompasses all relevant issues such as: consent, capacity, children in the emergency department, living wills, complaints procedures and confidentiality. Northern Ireland trainees should be aware that the Mental Health Act 1983 applies only to Great Britain and the Mental Health Order 1986 (not covered in this book) applies in Northern Ireland.

Each chapter begins with a list of the 'core topics' relating to the chapter title. The core topics are then individually covered using clinical scenarios similar to those encountered in previous OSCE exams. The sample scenarios cover the 5 broad categories encountered in the CEM examinations: clinical examination, skills examination, teaching-based OSCE, communication skills OSCE and the history-taking OSCE. A 'suggested approach' outlines why the topic is pertinent to Emergency Medicine and describes a methodical approach to the scenarios enabling the reader to learn a template on which to base further revision and clinical practice. A non-official mark sheet at the end of each scenario may be used as a guide to the expected OSCE standard.

The layout of this book includes shaded boxes highlighting important learning points such as relevant scoring systems, complications and risk factors. The authors use useful mnemonics as a learning aid for those of us who prefer this style of learning. Where relevant, there are external references quoted such as NICE, Toxbase and the Resuscitation Council for further reading.

In summary, no book is a substitute for clinical experience and the coverage of topics in this text is not exhaustive but reading this well-presented and up-to-date text, which has been written specifically for the MCEM and FCEM clinical examination is undoubtedly an excellent adjunct to seeing patients in the emergency department in preparation for the college exams.

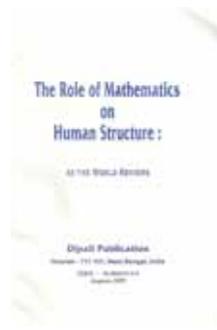
**Dr Andrew Dobbin**

### **THE ROLE OF MATHEMATICS ON HUMAN STRUCTURE: AS THE WORLD REVIEWS.**

Kumar Adhikari. Dipali publication. August 2009. Paperback. 48pp. RRP £10.95

ISBN: 81-901643-4-1

Over the past few years, I have been asked to review quite a number of books and manuscripts but none as unusual as *The Role of Mathematics on Human Structure: As The World Reviews*.



A publishing house uses the term "vanity publication" to describe books that are not commissioned, but instead, the author will pay for the printing of the manuscript.

On occasion, such books may have some merit, perhaps overlooked by sales-hungry literary agents and publishers. Generally though, such publications are books without commercial appeal and have little or no intrinsic merit.

When asked to review this publication, I expected a book about the mathematics and biomechanics relating to Human Anatomy. Imagine my surprise to find that the book is in fact, a summary of the reviews of the author's 2003 publication, 'The Role of Mathematics on Human Structure'. I was in fact, being asked to review a book of reviews, which had been published, at his own expense, by the author himself.

Let me be clear: the author's initial publication is not the book that is now under review. *The Role of Mathematics on Human Structure* was apparently a book that considered the application of mathematical methods to aid more precise surgery, and produce better surgical outcomes, particularly in the orthopaedic population. *The Role of Mathematics on Human Structure: As The World Reviews*, the book currently under review, reproduces 33 reviews of his earlier publication and presents them to the reader. To be fair, it would appear that the majority of the reviews are favourable, but not all the reviews are in English. Several of the more detailed reviews outline the original book's structure in considerable detail.

Why is there a need for the follow up publication? The term 'vanity publication' could have been coined specifically to describe this book. Why would anyone publish a book detailing reviews of an earlier book? More curiously, who would buy such a book? It is little wonder that this was published at the author's own expense. Who are the potential readers of such a publication? (I can't, for the life of me think that anyone would waste their time or money on purchasing, let alone reading it).

Surely, in this day and age, any potential purchaser would choose the cheap, fast option. Simply Google the title and author, check out the Amazon reviews, and make a decision on whether or not to buy. I can think of no reason to recommend this publication to anyone, unless of course you are the dotting mother or devoted partner of Dr. Kumar Adhikari.

**Dr Tom Lynch**

"Dr Mathew Hall BM BChPhD MCEM is Specialty Doctor in Emergency Medicine at the Princess Royal University Hospital, Kent, UK. " Dr Andrew Parfitt MAEd, FRCS, FCEM, Associate Medical Director and Clinical Director of Acute Medicine and Gastrointestinal Surgery, Guy's and St Thomas's NHS Trust, London, UK. Product details. Paperback : 536 pages. Mastering Emergency Medicine is a concise, revision-focused textbook that covers everything that candidates need to know in order to pass the College of Emergency Medicine's (CEM) membership examination (MCEM) to enter training, and to the pass fellowship examination (FCEM) to complete the Certificate of Specialist Training. Mastering Emergency Medicine is a highly detailed revision guide for the OSCE examinations and an essential study guide for all those who are preparing for the MCEM or FCEM examinations. It will also be useful to those who are wishing to pursue a career in Acute Medicine. ...more. Get A Copy. Amazon. Online Stores <sup>3</sup>/<sub>4</sub>. @article{Andrew2010MasteringEM, title={Mastering Emergency Medicine: A Practical Guide. 1st Edition}, author={D Andrew}, journal={The Ulster Medical Journal}, year={2010}, volume={79}, pages={107 - 108} }. D Andrew.