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USMLE STEP 1

病例分析

第3版

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TAO LE • JAMES S. YEH



北京大学医学出版社

美国医师执照考试

FIRST AID[®]

USMLE STEP 1

病例分析

第3版

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出版说明

美国医师执照考试 (United States Medical Licensing Examination, USMLE) 是针对全世界各国医学院的学生或毕业生, 欲到美国从医的执照考试, 考试全部为选择题, 采用计算机考试。考试分为:

Step 1 (第一阶段): 考查医学基础学科知识, 包括解剖学 Anatomy, 生理学 Physiology, 生物化学 Biochemistry, 微生物学 Microbiology, 病理学 Pathology, 药理学 Pharmacology, 遗传学 Genetics, 营养学 Nutrition, 神经科学 Neuroscience 等。

Step 2 (第二阶段):

(1) 临床医学知识 (Clinical Knowledge, CK): 包括内科学 Medicine, 外科学 Surgery, 妇产科学 Obstetrics and Gynecology, 儿科学 Pediatrics, 神经病学 Neurology, 家庭医学 Family Medicine, 急诊医学 Emergency Medicine, 预防医学 Preventive Medicine 等。

(2) 临床技能 (Clinical Skill, CS): 要通过 Step 1、Step 2 及 TOEFL 之后才能报考, 主要是考查考生的临床实践操作知识。

Step 3 (第三阶段): 测试考生的实际工作能力。内容包括采集病史、体格检查、诊断、治疗措施, 以及医疗法规等。

USMLE 在北京、上海和广州设有考点, 在中国大陆可参加 USMLE Step 1 和 USMLE Step 2 CK 的考试。考试介绍及报名情况可参见 <http://www.ecfm.org>

为了帮助有志于参加 USMLE 的考生更好地复习, 北京大学医学出版社全面引进了 McGraw Hill 公司的两个著名 USMLE 复习品牌丛书: PreTest 系列、FIRST AID 系列。这两套丛书经过多次再版, 受到世界各地考生的欢迎。本次引进的均为其最新版本。

当前, 我国很多医学院校在进行英文授课、考试的改革, 本书对国内从事英语授课、考试的教师和学生也有重要的参考价值。为广大的医学生和医务工作者比较中美医学教育和自己掌握的知识提供参考。同时, 该书也是学习专业英语的好教材。

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Notice

Medicine is an ever-changing science. As new research and clinical experience broaden our knowledge, changes in treatment and drug therapy are required. The authors and the publisher of this work have checked with sources believed to be reliable in their efforts to provide information that is complete and generally in accord with the standards accepted at the time of publication. However, in view of the possibility of human error or changes in medical sciences, neither the authors nor the publisher nor any other party who has been involved in the preparation or publication of this work warrants that the information contained herein is in every respect accurate or complete, and they disclaim all responsibility for any errors or omissions or for the results obtained from use of the information contained in this work. Readers are encouraged to confirm the information contained herein with other sources. For example and in particular, readers are advised to check the product information sheet included in the package of each drug they plan to administer to be certain that the information contained in this work is accurate and that changes have not been made in the recommended dose or in the contraindications for administration. This recommendation is of particular importance in connection with new or infrequently used drugs.

DEDICATION

To the contributors of this and future editions, who took time to share their knowledge, insight, and humor for the benefit of students.

and

To our families, friends, and loved ones, who supported us in the task of assembling this guide.

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PREFACE

With *First Aid Cases for the USMLE Step 1*, 3rd edition, we continue our commitment to providing students with the most useful and up-to-date preparation guides for the USMLE Step 1. This edition represents an outstanding effort by a talented group of authors and includes the following:

- An all-new, two-color tabular design for efficient and effective study.
- Updated USMLE-style cases with expanded differentials and commonly asked question stems seen on the USMLE Step 1.
- Concise yet complete with relevant pathophysiology explanations.
- New high-yield figures and tables complement the questions and answers.
- Organized as a perfect supplement to *First Aid for the USMLE Step 1*.

We invite you to share your thoughts and ideas to help us improve *First Aid Cases for the USMLE Step 1*. See "How to Contribute," on p. xxiii.

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We gratefully acknowledge the thoughtful comments, corrections, and advice of the many medical students, international medical graduates, and faculty who have supported the authors in the development of *First Aid® Cases for the USMLE Step 1*, 3rd edition.

For support and encouragement throughout the process, we are grateful to Thao Pham, Selina Franklin, and Louise Petersen.

Thanks to our publisher, McGraw-Hill, for the valuable assistance of their staff. For enthusiasm, support, and commitment to this challenging project, thanks to our editor, Catherine A. Johnson. For outstanding editorial work, we thank Emma D. Underdown, Isabel Nogueira, and Carol Ayres. A special thanks to Rainbow Graphics for remarkable production work.

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HOW TO CONTRIBUTE

To continue to produce a high-yield review source for the USMLE Step 1 you are invited to submit any suggestions or corrections. We also offer paid internships in medical education and publishing ranging from three months to one year (see below for details). Please send us your suggestions for:

- New facts, mnemonics, diagrams, and illustrations
- High-yield topics that may reappear on future Step 1 examinations
- Corrections and other suggestions

For each entry incorporated into the next edition, you will receive a \$10 gift certificate, as well as personal acknowledgment in the next edition. Diagrams, tables, partial entries, updates, corrections, and study hints are also appreciated, and significant contributions will be compensated at the discretion of the authors. Also let us know about material in this edition that you feel is low yield and should be deleted.

The preferred way to submit entries, suggestions, or corrections is via our blog:

www.firstaidteam.com.

Otherwise, you can e-mail us directly at:

firstaidteam@yahoo.com

NOTE TO CONTRIBUTORS

All entries become property of the authors and are subject to editing and reviewing. Please verify all data and spellings carefully. In the event that similar or duplicate entries are received, only the first entry received will be used. Include a reference to a standard textbook to facilitate verification of the fact. Please follow the style, punctuation, and format of this edition, if possible.

AUTHOR OPPORTUNITIES

The author team is pleased to offer opportunities in medical education and publishing to motivated medical students and physicians. Projects may range from three months (eg, a summer) up to a full year. Participants will have an opportunity to author, edit, and earn academic credit on a wide variety of projects, including the popular First Aid series. English writing/editing experience, familiarity with Microsoft Word, and Internet access are required. Go to our blog **www.firstaidteam.com** to apply for an internship. A sample of your work or a proposal of a specific project is helpful.

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