

✓ 1. A 47-year-old man with alcoholism is transferred from the hospital to a drug rehabilitation facility. On initial examination, he shows hypertension and a tremor in both hands when they are unstimulated. His serum calcium concentration is 8.1 mg/dL. Which of the following is the most likely additional serum electrolyte abnormality in this patient?

- A) Hypochloremia
- B) Hyperkalemia
- C) Hypomagnesemia
- D) Hypothermia
- E) Hypophosphatemia

**Correct Answer:** C. Patients with alcohol use disorder often develop multiple volume, mineral, and electrolyte abnormalities due to malnutrition from poor dietary intake and the diuretic effect of alcohol, leading to excessive urinary losses. This patient's examination demonstrates neurologic symptoms, including hypertension and tremor in the setting of alcoholism. Magnesium deficiency is common in patients with alcoholism and often presents with hypertension and tremor. Additional symptoms of magnesium deficiency can include seizures, muscle spasms, and arrhythmias (eg, torsades de Pointes). **Incorrect Answers:** A, B, D, and E. Hypochloremia (Choice A) infrequently occurs in alcoholism and when present, is usually associated with imbalances in sodium, potassium, or volume status. These patients do not have symptoms of hypochloremia independent of the presenting condition, such as dehydrations from diarrhea, vomiting, or central nervous system syndromes associated with concentrated hyponatremia. Hyperkalemia (Choice B), while often occurring in alcoholism, presents commonly with cardiac conduction abnormalities, such as acquired long QT syndrome or dysrhythmias, but does not typically present with peripheral neurologic deficits. Hypothermia (Choice D) is often asymptomatic if chronic and slowly developing, although when acute, it is associated with central nervous system symptoms such as headache, nausea, vomiting, confusion, delirium, seizures, stupor, and coma. Hypophosphatemia (Choice E) can occur in the setting of nutritional deficiency, especially acrocalcinosis or rickets. Symptoms result from depletion of adenosine triphosphate and include muscle weakness, cardiorespiratory depression, and neurologic depression such as seizure or coma.

# Nbme Clinical Science Answers

**M Lipman**

## **Nbme Clinical Science Answers:**

**Oversight--GAO Report on U.S. Foreign Medical Graduates** United States. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Health and the Environment,1981      **Health Systems Science**  
**E-Book** Richard E. Hawkins,Luan E Lawson,Stephanie R. Starr,Jeffrey Borkan,Jed D. Gonzalo,2016-11-30 Developed by the American Medical Association's Accelerating Change in Medical Education Consortium Health Systems Science is the first text that focuses on providing a fundamental understanding of how health care is delivered how health care professionals work together to deliver that care and how the health system can improve patient care and health care delivery Along with basic and clinical science Health Systems Science HSS is rapidly becoming a crucial third pillar of medical science requiring a practical standardized curriculum with an emphasis on understanding the role of human factors systems engineering leadership and patient improvement strategies that will help transform the future of health care and ensure greater patient safety Complete coverage of the evolving field of HSS includes patient safety quality improvement evidence based medicine value in health care interprofessional teamwork stewardship of health care resources population management clinical informatics care coordination leadership and health care financing reform Patient improvement strategies incorporates checklists information technology team training and more A consistent chapter template provides clear coverage of each topic including Learning Objectives Chapter Outline Core Chapter Content Summary Questions for Reflection and Annotated Bibliography and References Highly relevant content applicable to today's evolving health care delivery written by experts in key emerging areas of HSS Developed in partnership with the AMA's Accelerating Change in Medical Education Consortium at the forefront of change and innovation in medical education

**Hearings, Reports and Prints of the Senate Select Committee on Nutrition and Human Needs** United States. Congress. Senate. Select Committee on Nutrition and Human Needs,1977      **Constructing Written Test Questions for the Basic and Clinical Sciences** Susan M. Case,1996

**Diet Related to Killer Diseases, VIII** United States. Congress. Senate. Select Committee on Nutrition and Human Needs,1977      *Federal Register* ,1983-02-22      **Diet Related to Killer Diseases** United States. Congress. Senate. Select Committee on Nutrition and Human Needs,1977      Rypins' Clinical Sciences Review Harold Rypins,1993      Education of the Physician ,1984      *Nomination of Christopher A. McLean and Michael V. Dunn* United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry,2001      Lange Q&A USMLE Step 2 CK, Sixth Edition Carlyle H. Chan,2008-03-10 Everything you need to ace the USMLE Step 2 CK All questions are in proper USMLE format The book is well organized by subject matter for efficient review of weaknesses Rebecca Mallo Medical Student University of Washington School of Medicine LANGE Q ATM USMLE Step 2 CK is a comprehensive Q A review of the core topics tested on the exam Chapters are organized by subject to help you assess your strengths and weaknesses and focus on your problem areas One complete practice test formatted as 8 blocks of 46 questions just like the USMLE simulates the exam experience

Explanations discuss correct and incorrect answer options for a complete high yield review and all questions are in board format FEATURES 1 100 USMLE Step 2 CK format questions Comprehensive 360 question practice exam for self evaluation Detailed explanations of both correct and incorrect answers Color photos you ll need to recognize on exam day The latest information on preventive medicine **New Physician**,1986 Vols 15 21 no 4 1966 Apr 1972 include The Doctor and the law which retained separate volume numbering **Annual Report - National Board of Medical Examiners** National Board of Medical Examiners,2006 **USMLE Success** Stanley Zaslau,1995 **Hospital Physician**,1992 **First Aid for the USMLE Step 2 CK, Tenth Edition** Tao Le,Vikas Bhushan,2018-12-31 The most comprehensive and up to date high yield review available for the USMLE Step 2 CK completely revised and better than ever The expert author team that guided students to success on the USMLE Step 1 presents the latest edition of this skill sharpening review for the USMLE Step 2 CK With an easy to follow bulleted presentation of must know diseases and disorders this one of a kind study companion offers the most current overview of all core areas on the boards Included is a host of learning tools from key facts and mnemonics to full color illustrations and proven test taking strategies everything students need to pass the exam with flying colors Co written by students who excelled on the recent exam and reviewed by top faculty Concise summaries of more than 1 000 commonly tested clinical topics for fast high yield study Key Facts and mnemonics reinforce must know concepts Expert coverage of best initial steps in diagnosis and management Updated Rapid Review section facilitates last minute cramming Hundreds of full color photographs and illustrations Revised study and test taking strategies A completely updated listing of top rated review sources INSIDER ADVICE FOR STUDENTS FROM STUDENTS **Comprehensive Textbook of Psychiatry, III** Harold I. Kaplan,Alfred M. Freedman,Benjamin J. Sadock,1980 **Kaplan Medical USMLE Step 2 Clinical Skills** Kaplan,2008-09-02 Features Expert advice on how to master the CS exam 35 realistic practice cases Proven strategies for doctor patient communication history taking the physical exam patient note writing and clinical reasoning Kaplan s proven test taking strategies Additional practice cases online with detailed explanations **Thieme Test Prep for the USMLE®: Medical Histology and Embryology Q&A** Manas Das,2017-04-01 Thieme Test Prep for the USMLE Medical Histology and Embryology is the choice of medical students The major test prep resources do not focus on these subjects in detail A question bank would be beneficial to those who struggle with these as an additional resource for studying Ethan Young Fourth year medical student University of South Dakota Sanford School of Medicine I especially like the clinical focus of the questions which are two layers deep instead of straight recall Deborah Chen Third year medical student Rutgers Robert Wood Johnson Medical School Well thought out and also extremely well written an effective tool for students both in learning the material initially and also in reviewing it for the USMLE Roger A Dashner MS PhD Clinical Anatomist and CEO Advanced Anatomical Services Thieme Test Prep for the USMLE Medical Histology and Embryology fills a void in available board prep materials in its combination of histology and embryology Consistently organized sections cover everything from

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## **Nbme Clinical Science Answers** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has never been more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Nbme Clinical Science Answers**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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