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Previously published as: Chemistry: the easy way by Joseph A. Mascetta in 2019.

Building upon the highly successful 1st edition, this book is a comprehensive review designed to prepare pediatric residents, fellows, and pediatricians for the General Pediatrics Certifying Examination, and for the American Board of Pediatrics Maintenance of Certification. Pediatric Board Study Guide: A Last Minute Review, 2nd edition, covers all aspects of pediatric medicine; each chapter has been updated according to the most recent content specifications provided by the ABP. The 2nd edition provides more illustrations, diagrams, radiology images, and clinical case scenarios to further assist readers in reviewing pediatric subspecialties. New chapter topics include nutrition, sports medicine, patient safety, quality improvement, ethics, and pharmacology. Finally, the book closes with a "Last Minute Review" of high-yield cases arranged in the same sequence as the chapters, providing readers with a concise study guide of critical cases and conditions. Pediatric residents and fellows preparing for the board examination, pediatricians, and pediatric subspecialists preparing for certification maintenance will find Pediatric Board Study Guide: A Last Minute Review, 2nd edition easy to use and comprehensive, making it the ideal resource and study tool.

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The image on the front cover depicts a carbon nanotube emerging from a glowing plasma of hydrogen and carbon, as it forms around particles of a metal catalyst. Carbon nanotubes are a recently discovered allotrope of carbon. Three other allotropes of carbon-buckyballs, graphite, and diamond-are illustrated at the left, as is the molecule methane, CH₄, from which nanotubes and buckyballs can be made. The element carbon forms an amazing number of compounds with structures that follow from simple methane, found in natural gas, to the complex macromolecules that serve as the basis of life on our planet. The study of chemistry also follows from the simple to the more complex, and the strength of this text is that it enables students with varied backgrounds to proceed together to significant levels of achievement.

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This student workbook is designed to accompany Braun and Anderson's Pathophysiology: Functional Alterations in Human Health. The workbook contains additional case studies and questions, test-taking strategies, quiz questions, and exercises involving concept mapping.