

Preface

This book exists for two primary reasons: (1) the incredible pressures on educators to address children's medical issues in school settings and (2) the rapid pace of news and information delivery, which often occurs despite safeguards that try to ensure credibility and verifiability. Educators are charged with making policies; differentiating instruction; providing educational accommodations; managing the physical plant; providing special education services; collaborating with families; and working with the community in response to children's medical, physical, and psychological issues. However, educators often have little training, support, or information to address these important issues. When faced with a medical question, many people (including us) turn to the Internet. Although much information from the Internet is of high quality, much is not. Peer-reviewed scientific papers of high quality are often given the same weight in search engine results as advertisements for the latest snake oil. Information about medical issues is presented in (1) esoteric medical science journals with little relevance to schooling, (2) an encyclopedic but cursory overview of many topics, or (3) simplified summaries on Web sites with questionable accuracy and oversight. We developed this book to give support and information to educators based on a critical review of scientific research that is credible, in depth, and practical.

Pediatric Disorders is the first book in a three-volume series entitled *Current Topics and Interventions for Educators*. This series presents detailed reviews of recent scientific research on a variety of topics in pediatrics that are most relevant to schools today. *Current Topics and Interventions for Educators* is intended to provide not only detailed scientific information on pediatric issues but also glossaries of key medical terms, educational strategies, case studies, handouts for teachers and parents, and discussion questions. Readers are presented with critical reviews of scientific medical research, including discussions of controversial issues. The authors of each chapter have completed scholarly reviews of the extant research and carefully considered the quality of research design, methodology, and sampling in determining what can be considered empirically valid conclusions versus conclusions based on opinion, conjecture, or myth. We believe that this information will help educators address the pediatric issues that affect schoolchildren and better equip educators to discuss these issues with parents, staff, and medical teams.

This book has its origins in a regular feature in the National Association of School Psychologists (NASP) publication *Communique* called "Pediatric School Psychology." We edited and published many

detailed research articles that provided depth of information and critical evaluation of research to keep school psychologists current on medical knowledge that could impact their practice in the schools. We found that school psychologists shared this information with policy makers, administrators, social workers, teachers, therapists, and families. This feedback told us that there is wider audience for this information.

Educators, students, school nurses, administrators, policy makers, and school psychologists can use this book in a variety of ways. It can serve as a reference tool, textbook for a course, or a basis for continuing education activities in schools. The literature reviews are critical, challenge popular understanding, and often present controversial information. Therefore, we would also like the information in this book to serve as grist for discussion and debate. More than ever, educators are charged by law, regulation or circumstance to address medical issues despite lacking medical training. Therefore, consultation, reasoned discussion, debate, and consensus building can lead to improved educational services for children with medical and psychiatric issues.

Pediatric Disorders is a 13-chapter volume divided into three sections: (1) an introduction to schools as partners in health care delivery, (2) current medical issues affecting schoolchildren, and (3) prevention and wellness intervention in school settings. Schools are increasingly being asked to participate in health care delivery and oversight, and educators find themselves participating in collaborative problem-solving teams for students' health issues. Section II on current medical issues affecting schoolchildren covers the medical issues that receive the most media coverage, affect the most children, and generate the questions that educators most often hear. These pediatric disorders and their treatments include otitis media, childhood immunizations, shaken baby syndrome, sleep disorders, leukemia treatments, HIV, bacterial meningitis, and Lyme disease. Section III on prevention and wellness includes topics like obesity prevention, bullying prevention, and accident prevention. Although not inclusive, this volume covers topics that are among the most urgent and current in pediatrics in the schools.

—Paul C. McCabe and Steven R. Shaw, Editors