

ASPEN Parenteral Nutrition Handbook

THIRD EDITION

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The American Society for Parenteral and Enteral Nutrition (ASPEN) is a scientific society whose members are healthcare professionals—physicians, dietitians, nurses, pharmacists, other allied health professionals, and researchers—who envision an environment in which every patient receives safe, efficacious, and high-quality patient care.

ASPEN's mission is to improve patient care by advancing the science and practice of clinical nutrition and metabolism.

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Preface

Parenteral Nutrition (PN) has been a major medical advancement over the past 50 years. The complexity of PN and the complications that can develop with its use require trained clinicians to carefully support and monitor patients receiving PN. This comprehensive handbook provides specific information on how to safely, effectively, and confidently care for patients receiving PN. In this convenient reference, the clinician will find information helpful for achieving positive patient outcomes, including step-by-step recommendations based on the most current research and a wide variety of practical tools to save time and enhance quality of care.

PN safety is a high priority for the American Society for Parenteral and Enteral Nutrition (ASPEN). Products of ASPEN committees include a PN safety summit published as a Journal of Parenteral and Enteral Nutrition supplement, PN guidelines, consensus practice recommendations, and translational tools and checklists available on the ASPEN website. The third edition of this handbook combines the best of ASPEN's evidence-based guidelines, core curriculum, nutrition support practice manual, standards, PN tutorials, and safe practices with the hands-on clinical skills necessary to deliver optimal PN therapy to patients. It has been developed primarily as a quick reference and professional resource for practitioners and trainees in dietetics, medicine, nursing, and pharmacy. Although it can function as an easy-to-access and understandable pocket guide for this very complex therapy, the handbook's best-practices format, multidisciplinary perspective, and training expertise offer something for everyone from the novice to the advanced practitioner.

This handbook provides advice on PN management and systems useful to the clinician in an easy, clear format intended to assist with answering questions related to PN therapy. With best-practice recommendations and up-to-date evidence, this handbook serves as an "Ask-the-expert" resource for clinicians responsible for PN.

Jay M. Mirtallo, MS, RPh, BCNSP, FASHP, FASPEN

We thank the many contributors who shared their knowledge, analyses of the literature, and clinical expertise in the area of PN support. It is our hope that this handbook improves the ordering, administration, and safety of PN support for patients.

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