

## Contents

---

### FEATURE

---

- 16 Implementing the ABCDE Bundle, Critical-Care Pain Observation Tool, and Richmond Agitation-Sedation Scale to Reduce Ventilation Time  
*Jennifer Bardwell, Sushama Brimmer, and Wesley Davis*

### SYMPOSIUM

**FIFTIETH ANNIVERSARY OF THE SWAN-GANZ CATHETER:  
FROM THEN UNTIL NOW**  
**JAN M. HEADLEY, BS, RN**  
**Symposium Editor**

---

- 23 Fiftieth Anniversary of the Swan-Ganz Catheter:  
From Then Until Now  
*Jan M. Headley*
- 25 Narrative History of the Swan-Ganz Catheter: Development, Education,  
Controversies, and Clinician Acumen  
*Jan M. Headley and Thomas Ahrens*
- 34 Bridging the Gap Between Clinical Practice and the AACN Practice Alert  
on Pulmonary Artery/Central Venous Pressure Monitoring  
in Adults  
*Kathryn T. Von Rueden*
- 41 AACN Practice Alert: Pulmonary Artery/Central Venous Pressure  
Monitoring in Adults
- 49 **CE** Right Ventricular Failure  
*Barbara Leeper*
- 57 Pulmonary Hypertension: Overview and Case Study  
*Brook Powell and Barbara Leeper*
- 67 Mixed Shock States: A Case for the Pulmonary Artery Catheter  
*Paul Thurman*

**DEPARTMENTS**

---

- 5 **CE** Drug Update  
Role of Desmopressin in the Critical Care Setting  
*Nathan Goad and Melissa Levesque*
- 12 Technology Today  
Behavior Change Techniques in Apps:  
Moving Beyond Patient Education to Improve Health Outcomes  
*Linda Harrington*
- 75 Issues in Advanced Practice  
Primary and Acute Care Nurse Practitioner Networking:  
The Case for a Cup of Coffee  
*Catherine G. Ling and Jesus Casida*
- 80 Creating a Healthy Workplace  
Role of the Clinical Nurse Specialist in Supporting a Healthy Work  
Environment  
*Maria Jesusa Ulit, Monique Eriksen, Sreedevi Warriar, Kelly Cardenas-Lopez,  
Debbie Cenzone, Elizabeth Leon, and Jacqueline A. Miller*
- 86 Pediatric Perspectives  
Spinal Muscular Atrophy in the Age of Gene Therapy  
*Lori Williams*
- 92 Clinical Inquiry  
Life After PICOT: Taking the Next Step in a Clinical Inquiry Project  
*Bradi B. Granger*
- 98 Ethics in Critical Care  
Suspending Our Agenda: Considering What Will Serve When Confronting  
Ethical Challenges  
*Cynda Hylton Rushton and Kathleen Turner*
- 106 ECG Challenges  
Electrocardiograms in Pulmonary Embolus  
*Karen M. Marzlin*