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## HEALTHY WORK ENVIRONMENTS

256 **Authentic Leaders Creating Healthy Work Environments for Nursing Practice**
Maria R. Shirey

Authentic leadership is the “glue” needed to hold together a healthy work environment. This article offers an expanded definition of authentic leadership, describes mechanisms by which authentic leaders can create healthy work environments for practice, and advances a practical guide on how to become an authentic leader.

## HEALTH SERVICES IN CRITICAL CARE

269 **Levels of Care in the Intensive Care Unit: A Research Program**
Deborah Cook, Graeme Rocker, John Marshall, Lauren Griffith, Ellen McDonald, and Gordon Guyatt, for the Level of Care Study Investigators and the Canadian Critical Care Trials Group

This multisite study addressed issues related to levels of care, including advance directives for cardiopulmonary resuscitation, provision of advanced life support, and clinicians’ discomfort with evolving treatment plans, in adult patients receiving mechanical ventilation in 15 intensive care units in North America, Europe, and Australia.

## CARDIAC ISSUES IN CRITICAL CARE

280 **Elevated Cardiac Troponin Levels in Critically Ill Patients: Prevalence, Incidence, and Outcomes**
Wendy Lim, Deborah J. Cook, Lauren E. Griffith, Mark A. Crowther, and P. J. Devereaux

*These authors documented elevated levels of cardiac troponin I, a sensitive and specific marker of myocardial injury, in 198 patients in a medical-surgical intensive care unit and assessed the relationship between elevated levels and electrocardiographic findings and mortality.*
Correlates of Neurocognitive Function of Patients After Off-Pump Coronary Artery Bypass Surgery
Sue Sendelbach, Ruth Lindquist, Shigeaki Watanuki, and Kay Savik

In this study, researchers determined the correlates of neurocognitive function at the time of discharge from the hospital in 54 patients undergoing off-pump coronary artery bypass surgery.

Improving Adherence to a Mechanical Ventilation Weaning Protocol for Critically Ill Adults: Outcomes After an Implementation Program
Suzanne E. McLean, Louise A. Jensen, Dallas G. Schroeder, Noel R. T. Gibney, and Neil M. Skjodt

These authors assessed the effectiveness of using an implementation program, the Model for Accelerating Improvement, to improve adherence and clinical outcomes after restarting a mechanical ventilation weaning protocol in an adult general systems intensive care unit.

Electrocardiographic Artifact Mimicking Ventricular Tachycardia During High-Frequency Oscillatory Ventilation: A Case Report
Santosh Patel

Artifacts on electrocardiograms can simulate serious arrhythmias and thus lead to unnecessary diagnostic or therapeutic interventions. This case report describes an electrocardiographic artifact due to high-frequency oscillatory ventilation.

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