Contents

Foreword: Nurse-Sensitive Outcomes: Indicators of Quality Care? ix
Stephen D. Krau

Preface: Nursing-Sensitive Innovations Influencing Outcomes xi
Cecilia Anne Kennedy Page

A Proof-of-Concept Implementation of a Unit-Based Advanced Practice Registered Nurse (APRN) Role: Structural Empowerment, Role Clarity and Team Effectiveness 1
Nancye R. Feistritzer and Pam O. Jones

The quest for decreased cost of care and improved outcomes has created the need for highly effective clinical roles and teams. This article describes the role of a unit-based advanced practice registered nurse (APRN) within a proof-of-concept implementation of a new care delivery model, the Vanderbilt Anticipatory Care Team. Role clarity is central to both structural empowerment of the APRN and team effectiveness. A modified Peace-Health Team Development Measure tool measured baseline role clarity as a component of overall team effectiveness. A role description for the unit-based APRN based on a comprehensive assessment of the proof-of-concept unit is provided.

Measuring Endoscopic Performance for Colorectal Cancer Prevention Quality Improvement in a Gastroenterology Practice 15
Karen A. Hande

A gastroenterology practice lacked quality measures to evaluate the practice's colorectal cancer prevention efforts. Colonoscopy performance data were gathered from a retrospective review of 90 charts using a modified Colorectal Cancer Prevention Data Collection Form. Practice stakeholders and project leader reviewed the data, identified practice deficiencies, conducted root cause analysis, and developed practice changes. Implementing the prioritized recommendations and routinely benchmarking care was warranted to ensure effective practice to improve outcomes for colorectal cancer prevention. Achieving higher-value care has led to increased efforts to improve systems for measuring care, using these measures for quality improvement and directly linking quality outcomes to reimbursement.

Evidence-Based Protocol: Diagnosis and Treatment of Catheter-Associated Urinary Tract Infection Within Adult Neurocritical Care Patient Population 29
Olga Dayts

Evidence exists that patients requiring neurologic ICU admission have concomitant immunosuppression that makes them more prone to acquiring nosocomial infections. The risk of infection is highest in the acute phase after stroke, which may be attributed to stroke-induced immunodepression
syndrome. Significant numbers of patients are being diagnosed inappropriately with catheter-associated urinary tract infection, for which they receive treatment that is not recommended. Protocol-based care enables providers to translate evidence into practice.

Using Dedicated Nurses to Improve Core Measures Compliance
Amanda Green and Lacey Buckler

To ensure The Joint Commission and Centers of Medicare and Medicaid Services core measures were being met, University of Kentucky Health Care created a team to explore the issues and create solutions. Six nurses were placed in the role of core measure nurse, who were responsible for identification of Core Measure patients, standard work, concurrent review, and working with the informaticist team to increase core measure performance. Building strong relationships with the bedside staff was also a key step to the success of these nurses. After the pilot, the compliance perfection scores were sustained as the roles were adopted by administration and made permanent.

Pain, Perceptions, and Perceived Conflicts: Improving the Patient's Experience
Patricia Kunz Howard, Penne Allison, Matthew Proud, and Jennifer Forman

Pain is the number 1 reason patients seek care in an emergency department (ED). A limiting factor for effective pain management may be clinical staff attitudes about pain and pain management. Analysis of data from an investigation into pain, perceptions, and perceived conflicts of ED staff pain management revealed a need for change. Operation Pain and ED pain champions created an environment that promoted enhanced pain management resulting in measurable outcomes. Emergency nurses participating in Operation Pain placed a higher priority on pain management for their patients.

Reducing Skin Breakdown in Patients Receiving Extracorporeal Membranous Oxygenation
Linda Clements, Mary Moore, Thomas Tribble, and Jill Blake

This article describes three strategies a cardiovascular-thoracic intensive care unit implemented to decrease the rate of hospital-acquired pressure ulcers in patients on extracorporeal membranous oxygenation support. These strategies include increased staff awareness of physiologic factors placing a critically ill patient on extracorporeal support at increased risk for development of pressure ulcers, development of a turning guideline and a skin care bundle, and use of coaching by a clinical nurse specialist to promote pressure ulcer prevention.

Engaging the Learner by Bridging the Gap Between Theory and Clinical Competence: The Impact of Concept Mapping and Simulation as Innovative Strategies for Nurse-Sensitive Outcome Indicators
Therese Jamison and Gail A. Lis

Concept mapping and simulation provide professional nurses in the academic and practice environment with an opportunity for experiential
learning. This integral combination allows for learning to be congruent with the national clinical practice guidelines that support and promote nurs-sensitive indicators. Implications for practice are forthcoming as data are collected on the impact on health outcomes when using concept mapping and simulation.

A Nursing Focus on EMR Usability Enhancing Documentation of Patient Outcomes 81
Cecilia Anne Kennedy Page and Aric Schadler
Achieving the healthcare reform goals of broad electronic medical record (EMR) adoption and meaningful use will require that usability of EMR’s be addressed. A usability checklist was implemented in a process improvement redesign of nursing documentation in an academic medical center to ensure optimal design of the user interface in the EMR. The outcomes of this framework were based on metrics of usability: efficiency, effectiveness and satisfaction. Implementation of a usability checklist as standard work ensures a focus on the user interface design to enhance use of the EMR by nursing in clinical care and improve patient outcomes.

Using a Web-based Patient-Provider Messaging System to Enhance Patient Satisfaction Among Active Duty Sailors and Marines Seen in the Psychiatric Outpatient Clinic: A Pilot Study 91
Jane J. Abanes and Susie Adams
Patient satisfaction is imperative in providing safe, effective, and quality patient care. Several articles have examined the effect of a secure on-line communication system in the primary care setting to improve the delivery of patient care. This article describes the use of an asynchronous Web-based messaging system in the psychiatric outpatient setting to enhance patient satisfaction among active duty military service members.

A Critical Analysis and Adaptation of a Clinical Practice Guideline for the Management of Behavioral Problems in Residents with Dementia in Long-Term Care 105
Nanette Lavoie-Vaughan
The purpose of this project was to analyze the clinical practice guidelines for management of long-term care residents with dementia and draft an adaptation for implementation. The adaptation focused on individualizing interventions derived from evidence-based research and included strategies to maximize staff buy-in and implementation. The overall goal of the guideline is to decrease psychotropic medication use, particularly antipsychotics.

Index 115