Using an Interactive Informatics Skills Fair to Validate RN Informatics Competencies

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INTRODUCTION

"Computer literacy is a core competency needed in health care and nursing practice, and should be taught in nursing curricula at all levels. In addition, information literacy must be integrated into practice and used to support knowledge management. These are the foundations of informatics competencies."

Nursing Informatics Scope and Standards of Practice 2nd Edition, 2014

Assumptions

- Informatics competencies are essential as we further progress in the electronic documentation world, distancing ourselves from paper
- RNs need knowledge related to regulatory and documentation standards
- Patient Record navigation is required to tell the clinical story
- Research Skills are needed to encourage evidence-based practice

Proposal

Conduct an Informatics Skills Fair during 2016-2017

Purpose

To address gaps in skills/knowledge while advancing informatics competencies, regulatory and documentation standards, electronic patient record navigation, and nursing research/use of search tools for evidence-based practice.

Benefits

- Progress awareness of basic informatics competencies
- Ignite the use of our Nursing Portal: new aspects & revisions
- Advance RN participant leadership: facilitation
- Endorse the use of Evidence-Based Research tools (OVID) for best practice and professional advancement
- Increase understanding of regulatory and documentation standards
- Promote consistency in patient data retrieval using the PI Audit Tool
- Improve Soarian navigation skills to tell the *patient story*

INFORMATICS COMPETENCIES

Informatics Competency Focus (TIGER)	Competency Statement	Method of Verification
Basic Computer Literacy	Demonstrates ability to browse Kennedy intranet/internet and locate specific information	Scavenger Hunt [completion of task requires finding appropriate tab and dropdown on Nursing Portal, linking out to ANA website and naming tab that contains the Code of Ethics]. Scavenger Hunt [completion of task requires accessing CINAHL, selecting a full-text journal of choice, subscribing to eTOC for that journal and emailing a jumpstart link from any article in that journal to their Kennedy email. Final step is to forward that email to the Informatics Committee email distribution list].
Information Literacy	Reviews process to navigate various databases using specific search terms	NetLearning complete the PowerPoint Introduction to OVID. Log into NetLearning and take the test.
	Search for and send an EBP article using the approved method of sharing	Log into OVID – Conduct a Boolean search for Dementia/Delirium within Kennedy Journals applying search limits; identify the journal, copy the link, and share the article link using the jumpstart link as the correct method to abide by copyright laws.
Information/ Knowledge Management	Demonstrates the ability to use decision support for safe med administration	Scavenger Hunt [task requires accessing Lexicomp Drug compatibility module to determine if two IV drugs can be administered in the same IV line].
	Demonstrates ability to locate and verify completion of key information in the electronic record (Soarian)	Completion of Nursing Documentation PI Tool; navigation of Patient Record, Clinical Summary and other key patient information using the current Electronic Health Record.
	Demonstrates continued learning regarding EBP	Sign up for routine receipt of free nursing journals of your choice based on your area of specialty, e.g., CIN: Clinical Informatics Nursing journal every other month.

Informatics Committee

Supporting Clinicians Through Technology

Our Purpose

To provide a connection between clinicians and information technology that enhances clinical practice and work efficiency through review, design, approval, implementation and re-evaluation of electronic record initiatives. Education provided is a key component to increase informatics competency.

96% of Committee Members participated in the Informatics Skills Fair as a facilitator or walker support

Our Membership

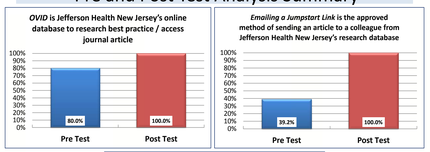
The Informatics Committee is a sub-committee reporting to the Practice Council that is comprised of clinical nurses from all specialties, clinical educators, nurse managers, and nursing informatics analysts.

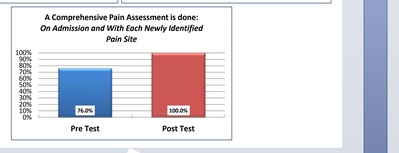
Our Impact

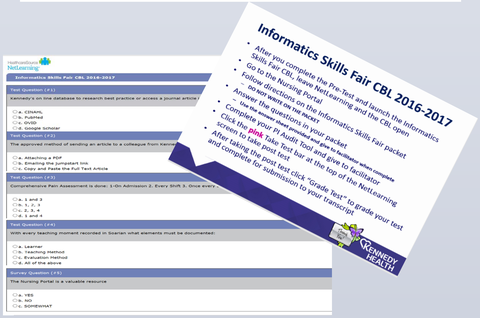
Patient Care Practice
Patient Safety, & Satisfaction
Support Evidence Based Practice
Interdisciplinary Care Team
Quality/Performance Improvement
Regulatory Compliance
Meaningful Use

Informatics Skills Fair

Pre and Post Test Analysis Summary





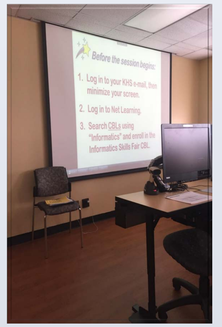


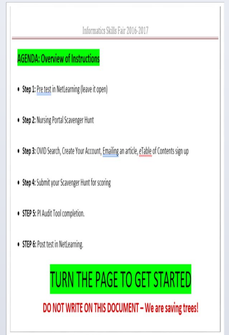
STRUCTURE

Goals for Today …

Address gaps in informatics skills/knowledge

- Advance Informatics competencies
- Review Regulatory and documentation standards
- Navigate electronic patient record
- Utilize nursing research/use of search tools for evidence-based practice





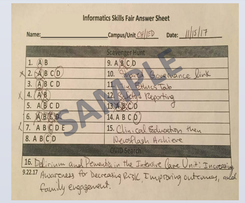
RNs responded that since the Informatics Skills Fair they have used the OVID database for the following reasons:

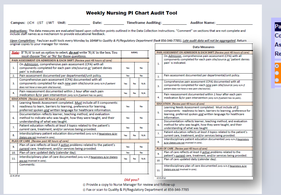
Research
Best Practice
Unit Based Activity
Nursing School Project
Personal/Professional Use
Presentation or Poster Session
Sharing An Article for EBP purposes
Performance Improvement Activities

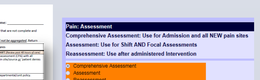
73% of RNs shared that attendance improved their nursing practice

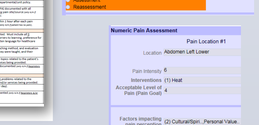
99% of RNs reported that since the Fair their use of the Nursing Portal has increased or at least remained the same

83% of RNs found the Informatics Skills Fair very engaging









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