

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 Search for and send an EBP article using the approved method of sharing	NetLearning complete the PowerPoint Introduction to OVID. Log into NetLearning and take the test. 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 Demonstrates ability to locate and verify completion of key information in the electronic record (Soarian) Demonstrates continued learning regarding EBP	Scavenger Hunt [task requires accessing Lexicomp Drug compatibility module to determine if two IV drugs can be administered in the same IV line]. Completion of Nursing Documentation PI Tool; navigation of Patient Record, Clinical Summary and other key patient information using the current Electronic Health Record. 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.

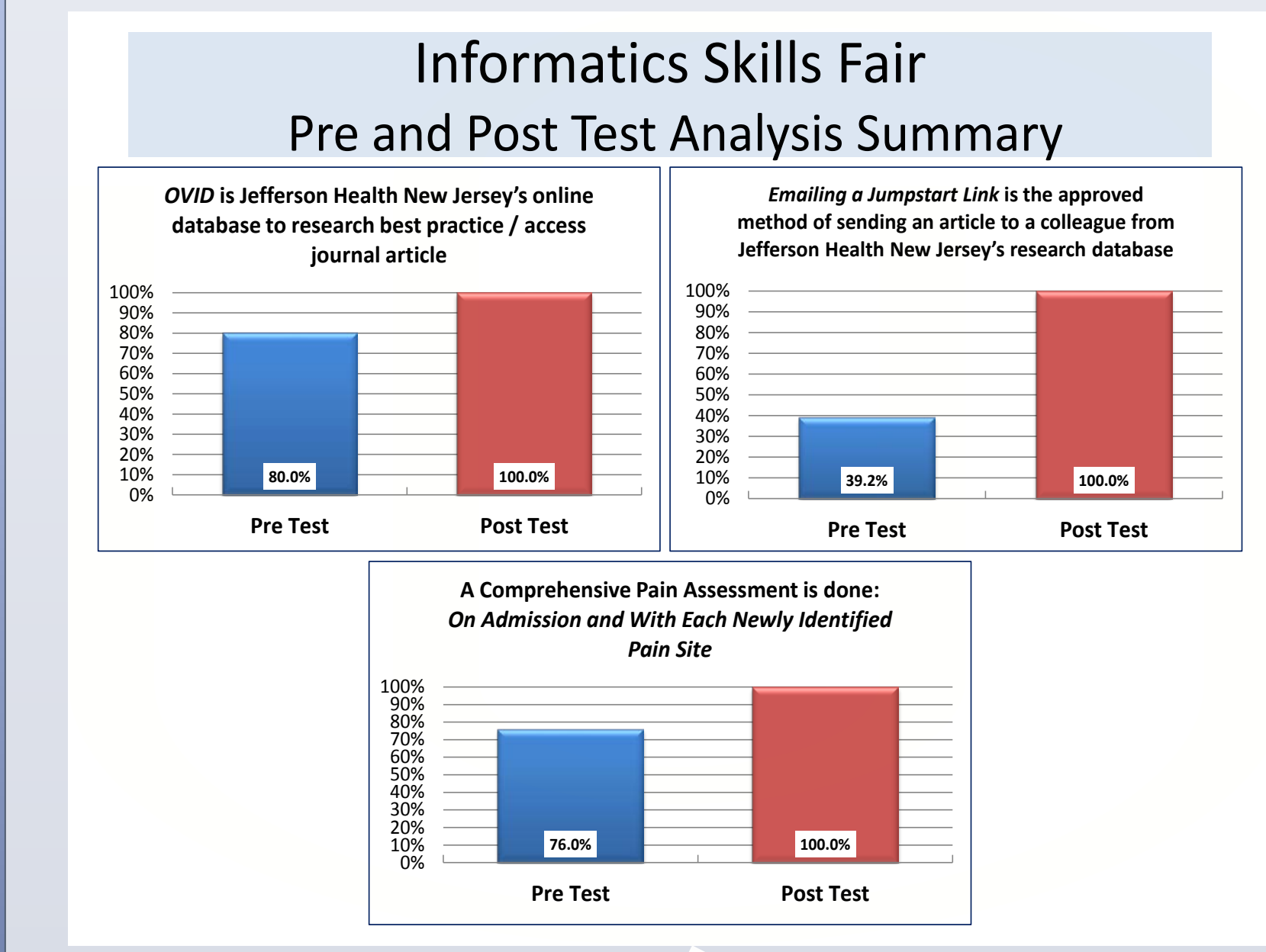
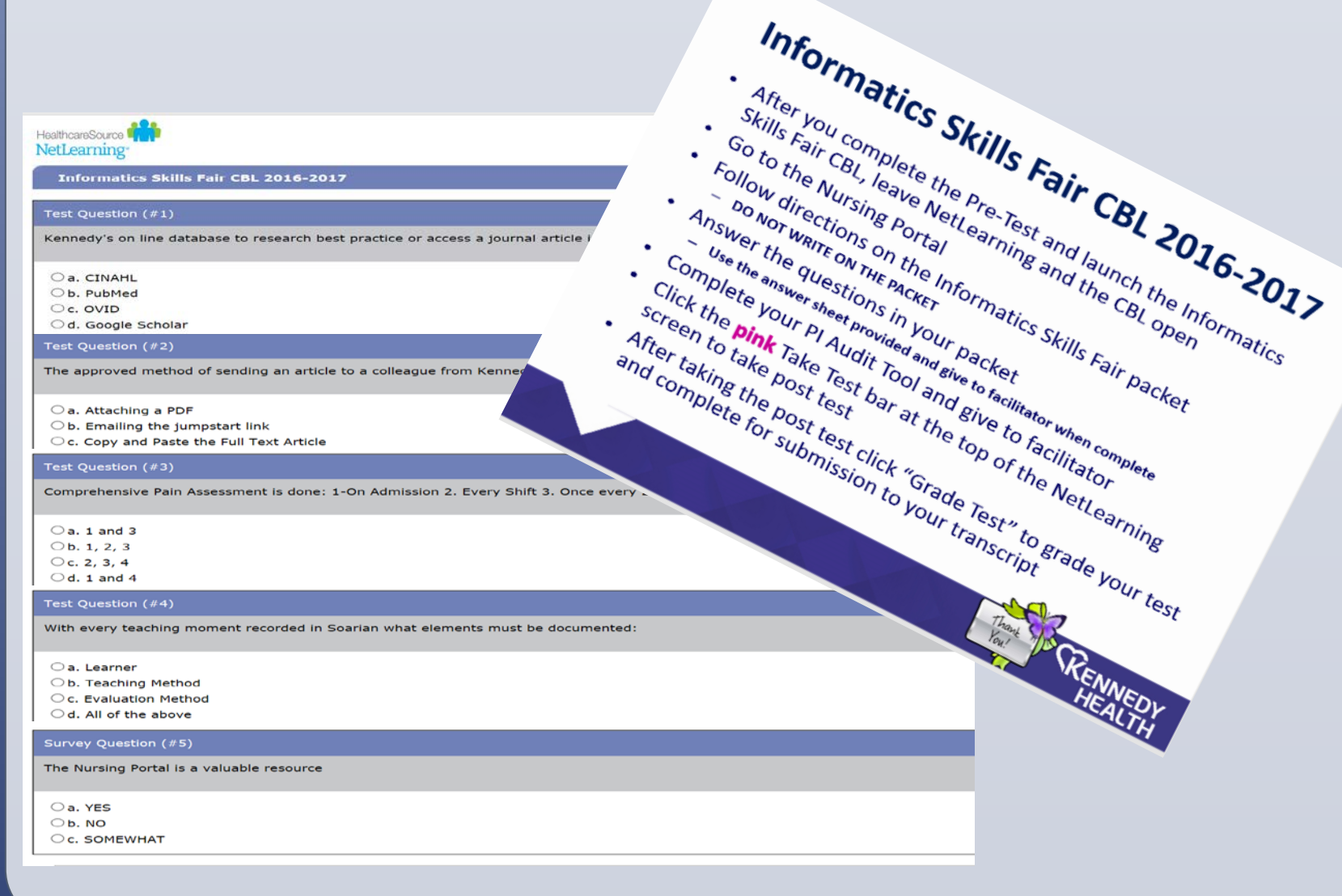


Our Purpose
To provide a connection between clinicians and information technology that enhances clinical practice and workflow efficiency through review, design, approval, implementation and re-evaluation of electronic record initiatives. Education provided is a key component to increase informatics 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 CBL 2016-2017

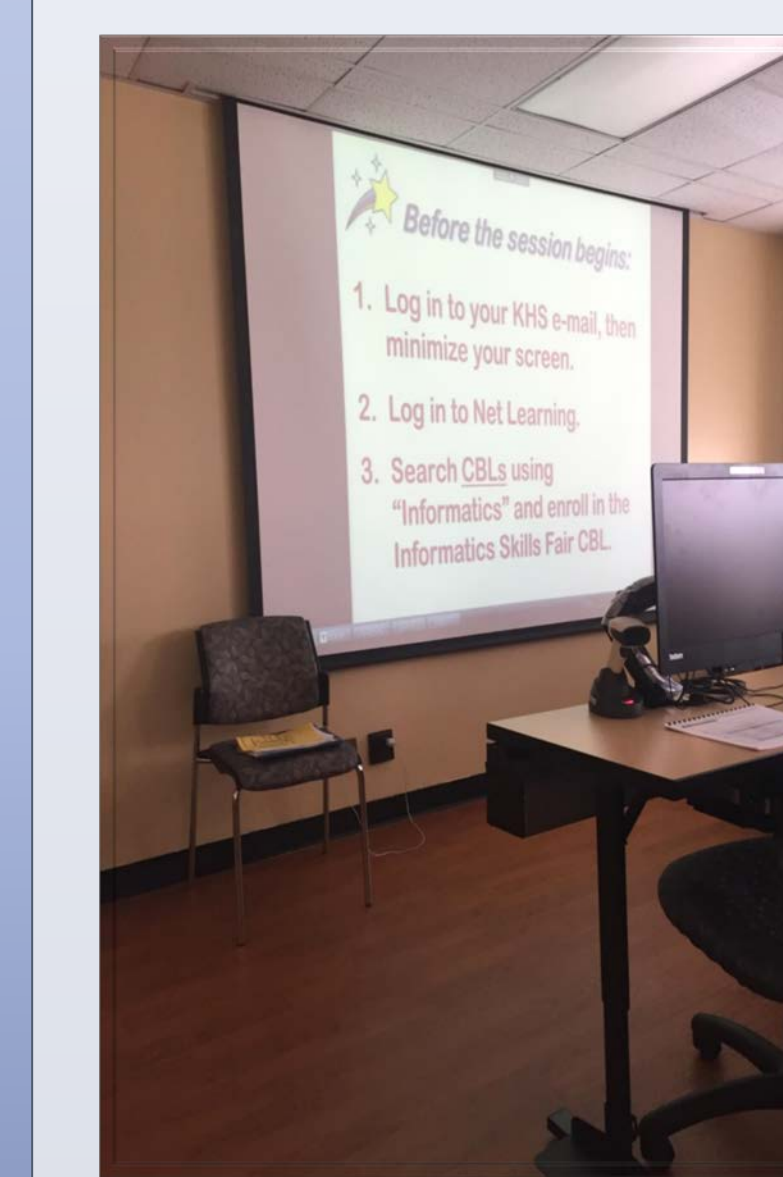
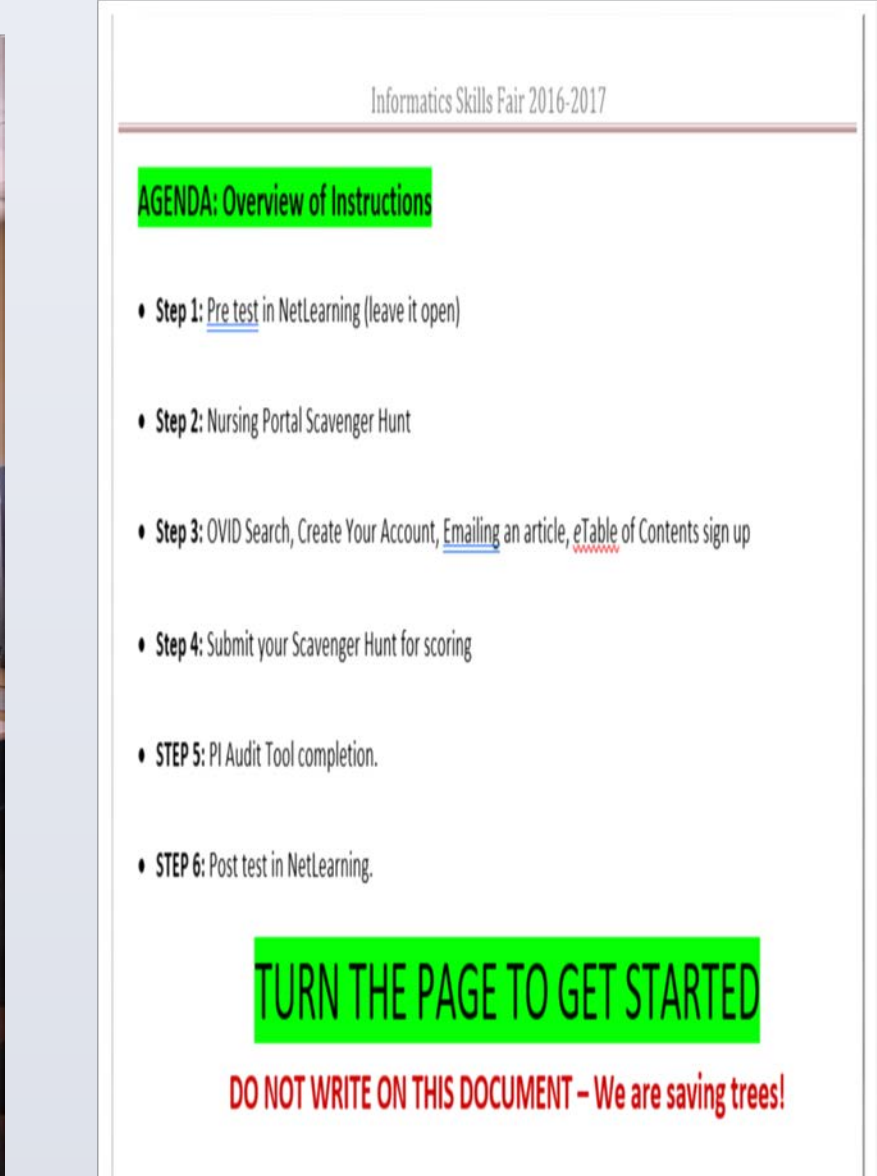
- After you complete the Pre-Test and launch the Informatics Skills Fair CBL, leave NetLearning and the CBL open
- Follow directions on the packet
- Answer the questions in your packet
- Complete your PI Audit Tool and give to facilitator
- Click the pink Take Test button and give to facilitator
- After taking the test click "Grade Test" to grade your test and complete for submission to your transcript

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

AGENDA: Overview of Instruction

- Step 1: Pre-Test in NetLearning (leave it open)
- Step 2: Nursing Portal Scavenger Hunt
- Step 3: OVID Search, Create Your Account, Emailing an article, eTable of Contents sign up
- Step 4: Submit your Scavenger Hunt for scoring
- Step 5: PI Audit Tool completion
- Step 6: Post test in NetLearning

TURN THE PAGE TO GET STARTED
DO NOT WRITE ON THIS DOCUMENT - We are saving trees!

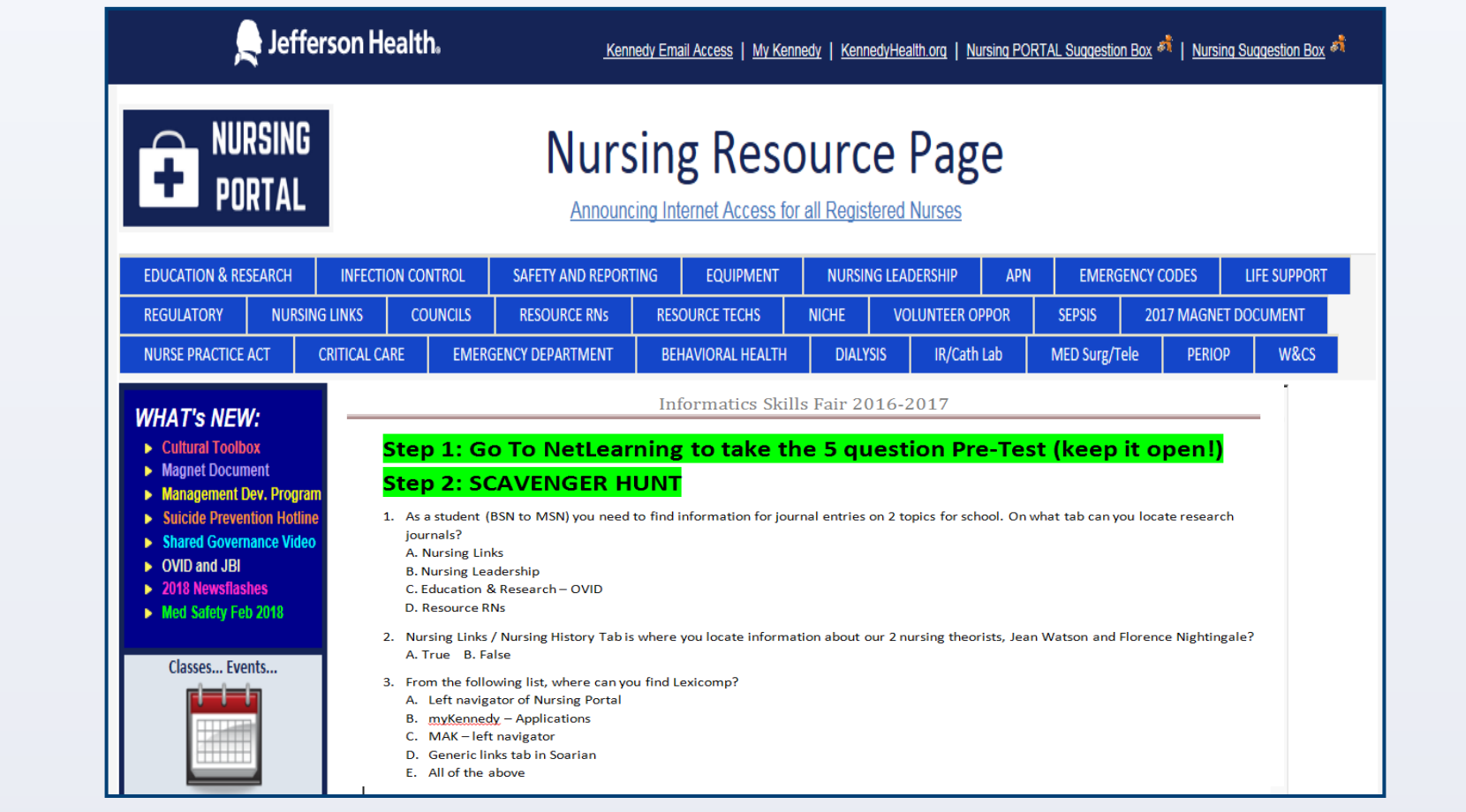
RNs responded that since the Informatics Skills Fair they have used the OVID database for the following reasons:

- 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



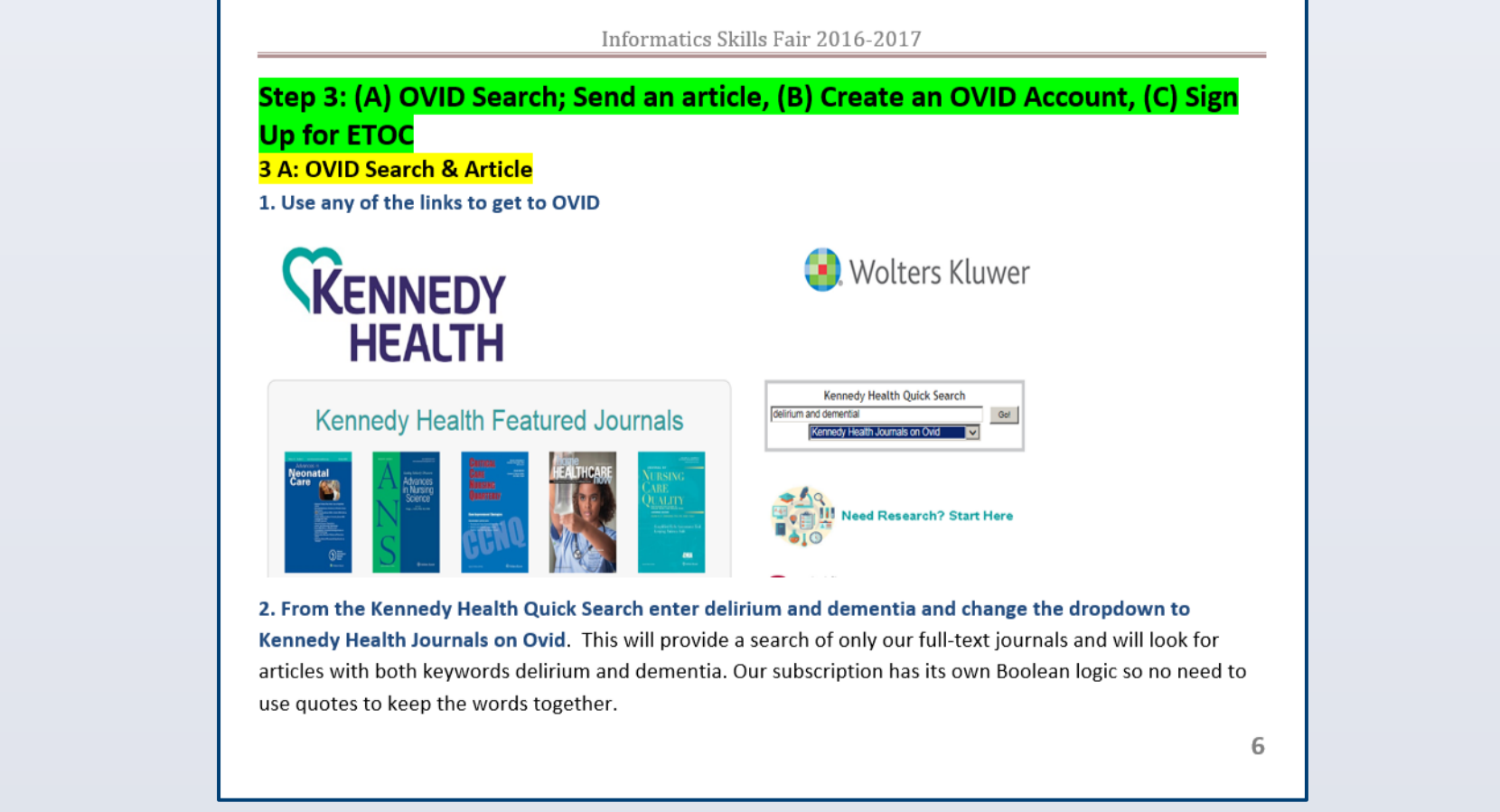
Nursing Resource Page
Announcing Internet Access for all Registered Nurses

WHAT'S NEW:

- Cultural Toolkit
- Nurse Document
- Management Dev. Program
- Social Prevention Toolkit
- Shared Governance Wiki
- OVID and JBI
- 2016 Newsletter
- New Safety Flyer

Step 1: Go To NetLearning to take the 5 question Pre-Test (keep it open!)
Step 2: SCAVENGER HUNT

- As a student (SBM to MSN) you need to find information for journal entries on 3 topics for school. On what tab can you locate research journals?
 - A. Nursing Unit
 - B. Nursing Leadership
 - C. Education & Research - OVID
 - D. Resource Wiki
- Nursing Links / Nursing History Tab is where you locate information about our 2 nursing theories, Jean Watson and Florence Nightingale?
 - A. Unit - B. Wiki
- From the following list, where can you find literature?
 - A. Left navigation of Nursing Portal
 - B. eTable of Contents - Applications
 - C. MSN - High Level Search
 - D. General's Info tab in Soarian
 - E. All of the above

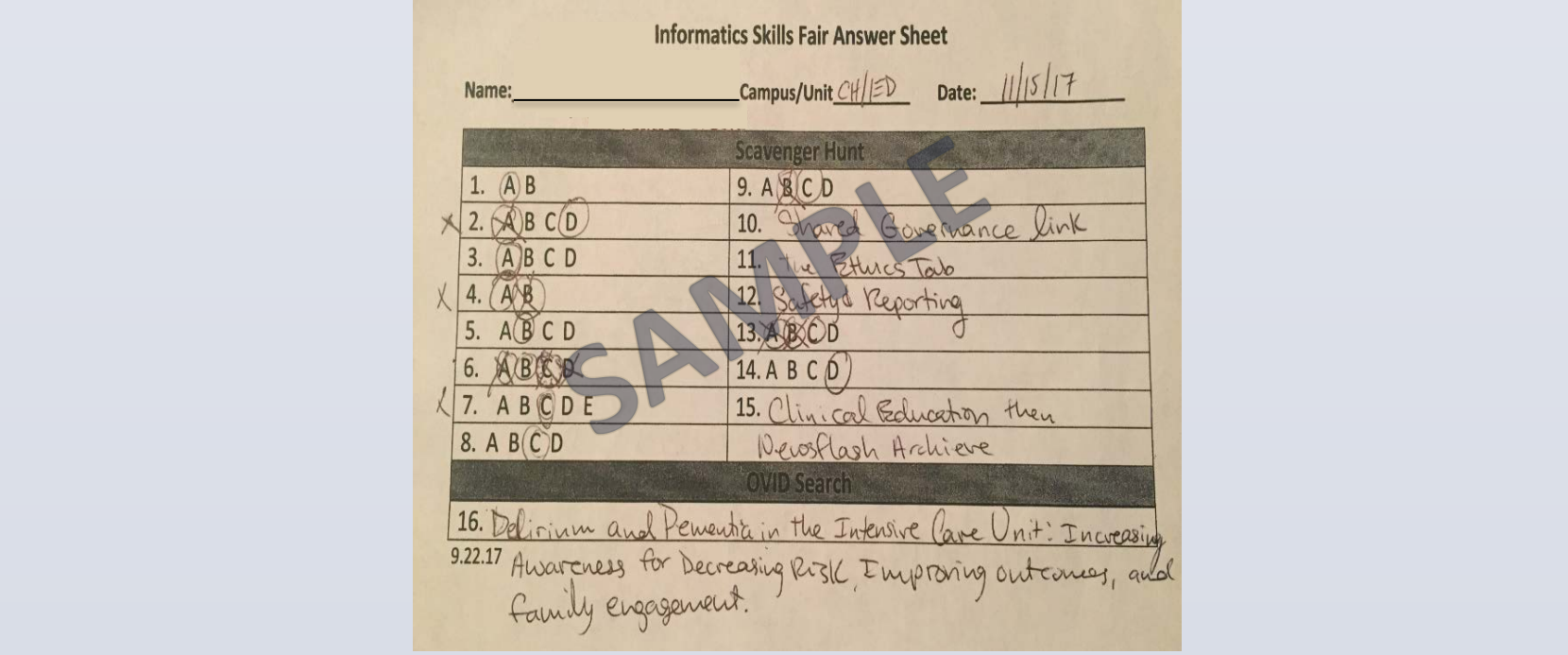


Informatics Skills Fair 2016-2017

Step 3: (A) OVID Search; Send an article, (B) Create an OVID Account, (C) Sign Up for ETOC
3 A- OVID Search & Article

- Use any of the links to get to OVID

2. From the Kennedy Health Quick Search enter delirium and dementia and change the dropdown to Kennedy Health Journals on Ovid. This will provide a search of only our full-text journals and will look for articles with both keywords delirium and dementia. Our subscription has its own Boolean logic so no need to use quotes to keep the words together.



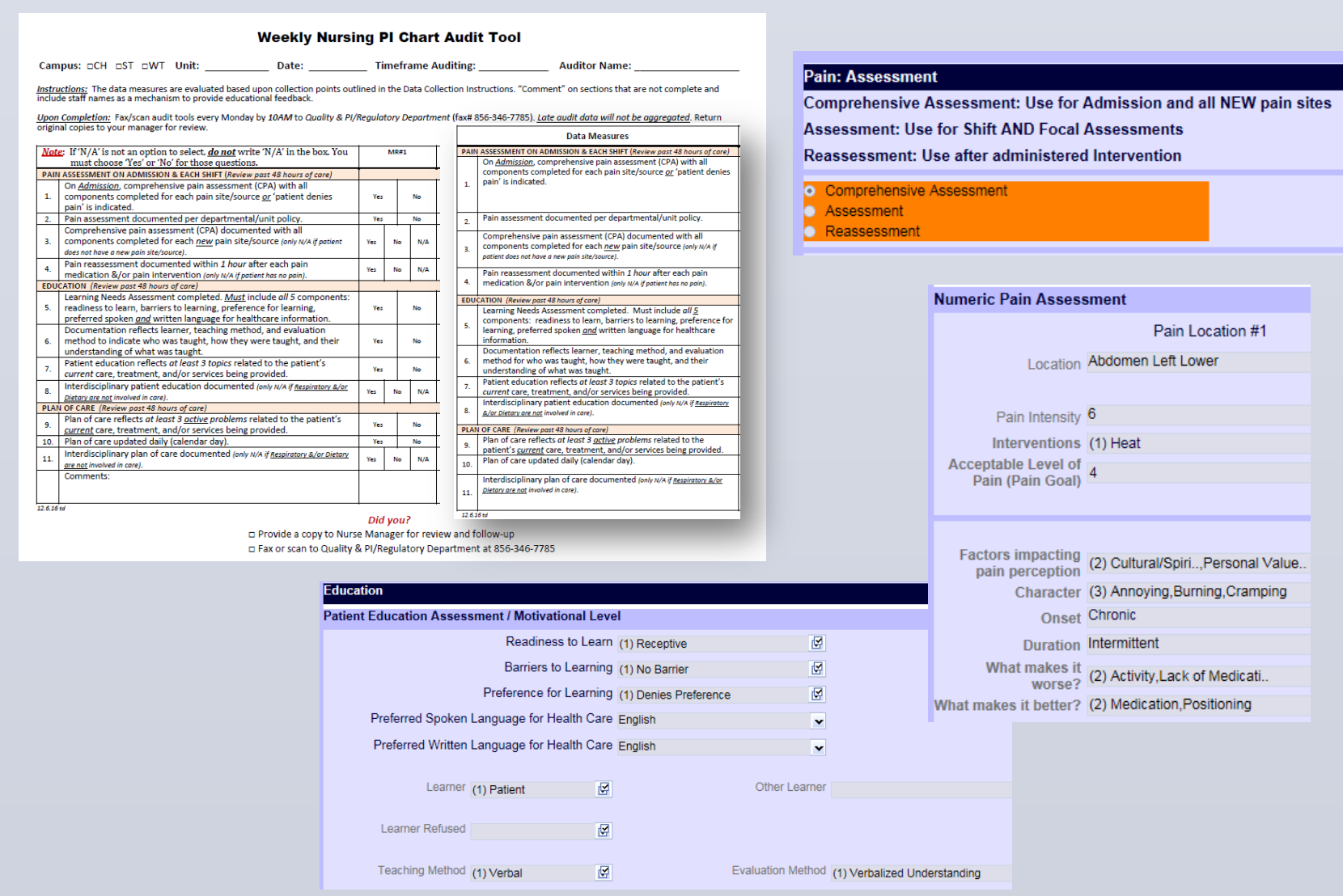
Informatics Skills Fair Answer Sheet

Name: _____ Campus/Unit: CCED Date: 11/15/17

Scavenger Hunt

- A B C D
- A B C D
- A B C D
- A B C D
- A B C D
- A B C D
- A B C D
- A B C D

15. Delirium and Dementia in the Intensive Care Unit: Increasing Awareness for Decreasing Risk, Improving Outcomes, and Family Engagement.



Weekly Nursing PI Chart Audit Tool

Pain Assessment
Comprehensive Assessment: Use for Admission and all NEW pain sites
Assessment: Use for Shift AND Focal Assessments
Reassessment: Use after administered Intervention

Numeric Pain Assessment

Location: Abdomen Left Lower
Pain Intensity: 6
Interventions: (1) Heat
Acceptable Level of Pain (Pain Goal): 4

Factors impacting pain perception:
Character: (2) Cultural/Spiritual, Personal Value, Onset: Chronic
Duration: Intermittent
What makes it better? (2) Activity/Lack of Medical, Medication
What makes it better? (2) Medication/Positioning