

---

# Leveraging Nursing Information Technology

## To Improve NDNQI Outcomes and Achieve Meaningful Use Goals

January 2011

Mary Logan MSN RN BC

Newport Hospital, Newport Rhode Island



**Newport Hospital**  
*A Lifespan Partner*

# Newport Hospital – Newport, R I

---



**Newport Hospital**  
*A Lifespan Partner*

# Newport Hospital

## Services include:

- Medical Surgical
- Pediatrics Birthing Center
- ICU
- Emergency Department
- Adult Behavioral Health
- Vanderbilt Rehab (Acute/Ambulatory)
- Primary care practices



**Newport Hospital**  
*A Lifespan Partner*

# Lifespan Rhode Island – 4 Affiliates

---

Bradley Hospital

60 bed Child Psychiatry Hospital

Newport Hospital

129 bed Community Hospital

Rhode Island Hospital

719 bed Academic Medical Center

The Miriam Hospital

247 bed Academic Medical Center



**Newport Hospital**  
*A Lifespan Partner*

# Newport Hospital – Quick Stats

---

- ◆ 129 licensed beds
- ◆ 31,193 ER visits; 10,063 surgeries
- ◆ Total discharges 5802
  - ◆ Approx. 15-20% are Observation patients
- ◆ 30,881 adjusted inpatient days
- ◆ Average LOS 5.09



**Newport Hospital**  
*A Lifespan Partner*

# Professional Affiliations

## HIMSS Analytics

EMR Adoption Model™	
Stage	Cumulative Capabilities
Stage 7	Medical record fully electronic; CPO able to contribute to level 6a byproduct of EMR
Stage 6	Provider documentation (structured templates), full CPO performance & compliance, full HACS
Stage 5	Closed loop medication administration
Stage 4	CPOs, CPOs (clinical protocols)
Stage 3	Clinical documentation (flow sheets, CPOs (error checking), PACS available outside building)
Stage 2	Clinical Data Repository, Controlled Medical Vocabulary, Clinical Decision Support System (CDSS) Capability
Stage 1	Auxiliary – Lab, Rad, Pharmacy
Stage 0	All from Auxiliary not installed

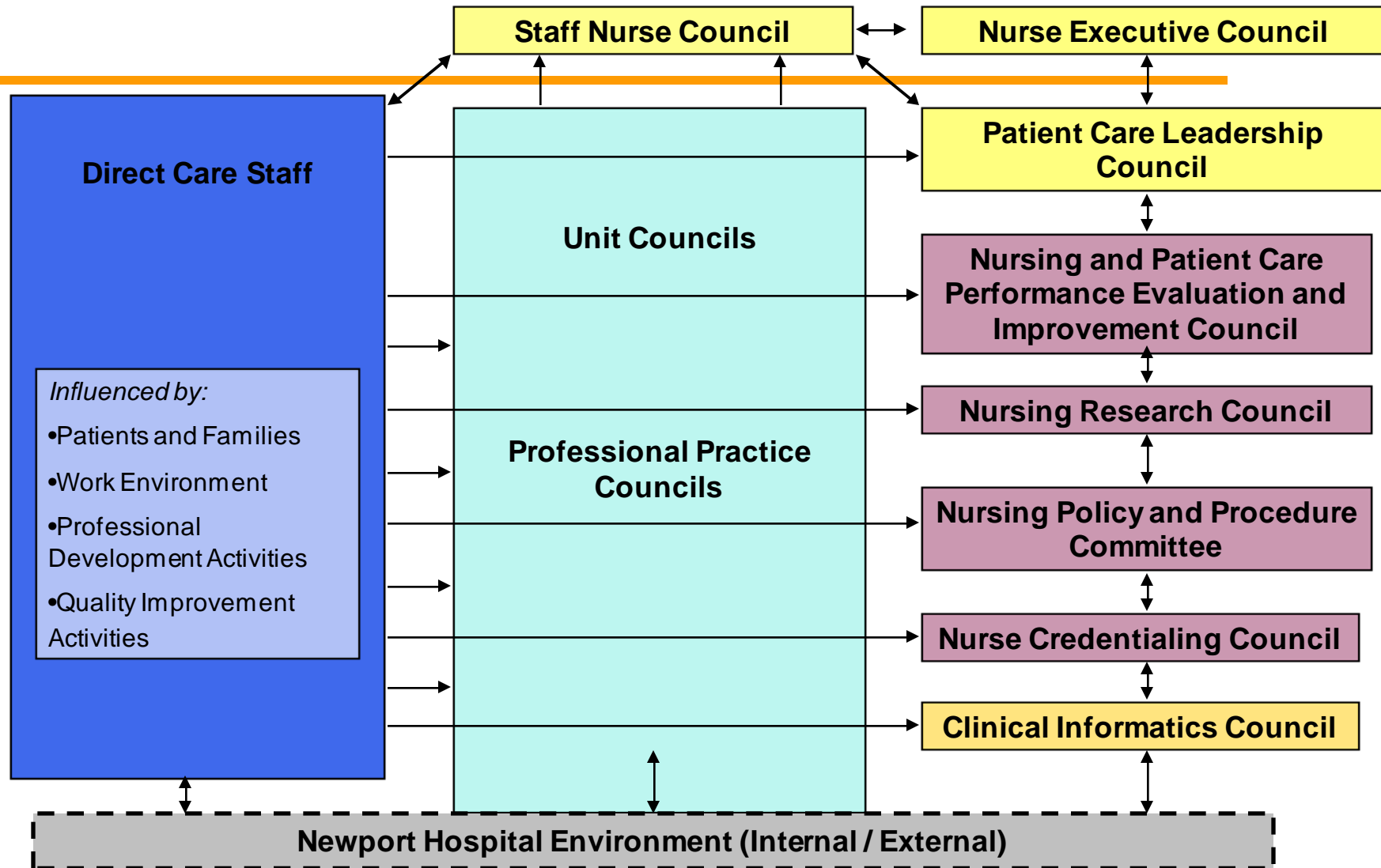
Stage 6 - 2009

## Re-designated 2010



**Newport Hospital**  
*A Lifespan Partner*

# Newport Hospital Nursing Division Structure and Shared Governance Model



**Newport Hospital**  
*A Lifespan Partner*

# Objectives

---

- 1) Discuss challenges and success factors involved in meeting meaningful use and NDNQI data requirement.
- 2) Demonstrate Electronic Health Record implementation strategies that meet ARRA and NDNQI.



**Newport Hospital**  
*A Lifespan Partner*



# Nursing Informatics

---

## *Data Information Knowledge*

These are the Key Contributors to meet  
Meaningful Use and NDNQI goals/outcomes

**No Matter What Vendor is Engaged,  
Nursing has the Experience and Knowledge to  
Not Only Capture Data but also To Make It Fit Into  
the Quality Nursing Care Process of Today**

**IS should be a support  
not the driver of patient care**



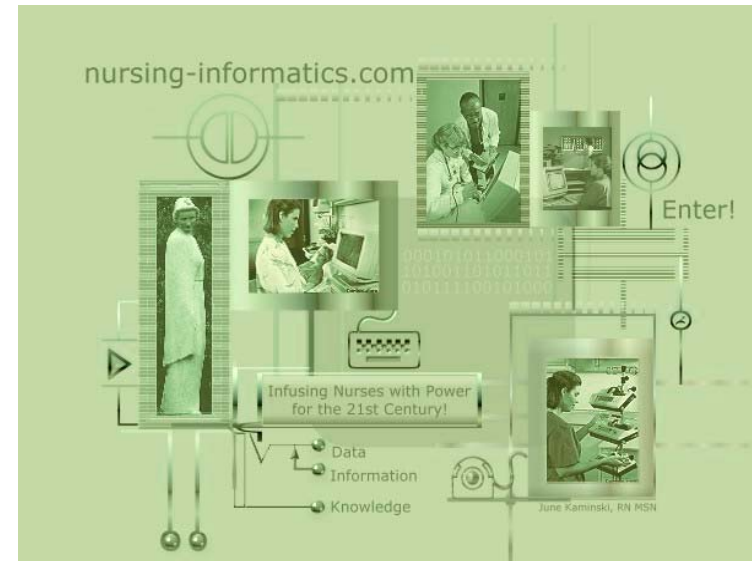
**Newport Hospital**  
*A Lifespan Partner*

# Nursing Informatics - Infusing Nursing with the Power of the 21<sup>st</sup> Century

---

Employs:

- Nursing Science
- Cognitive Science
- Information Science
- Computer Science
- All of the above are necessary to meet the challenges of Meaningful Use and NDNQI Outcomes reporting



**Newport Hospital**  
*A Lifespan Partner*

# National Health Policy Goals

---

These have been Nursing Profession Goals for Years

- Improve quality, safety, efficiency and decrease disparities
- Engage patients and families
- Improve Care Coordination
- Improve population and public health
- Ensure adequate privacy and security protections for PHI



**Newport Hospital**  
*A Lifespan Partner*

## ARRA - Meaningful Use

Federal government has established standards for the  
electronic medical record

Stage I (2011) – focus is on data capture

Stage II (2013) – focus will be on EHR has  
been integrated into transformed processes  
and used in HIE

(HIE=Health Information Exchange)

Stage III (2015) – focus shifts to improved  
outcomes with new care processes enabled  
by the EHR



**Newport Hospital**  
*A Lifespan Partner*

# Three components of *Meaningful Use*:

---

- 1) Use of certified EHR in a meaningful manner (ex: VTE prevention)
- 2) Use of certified EHR technology for electronic exchange of health information to improve quality of health care
- 3) Use of certified EHR technology to submit clinical quality measures and other such measures selected by CMS



# Reporting Quality Measures From EHR

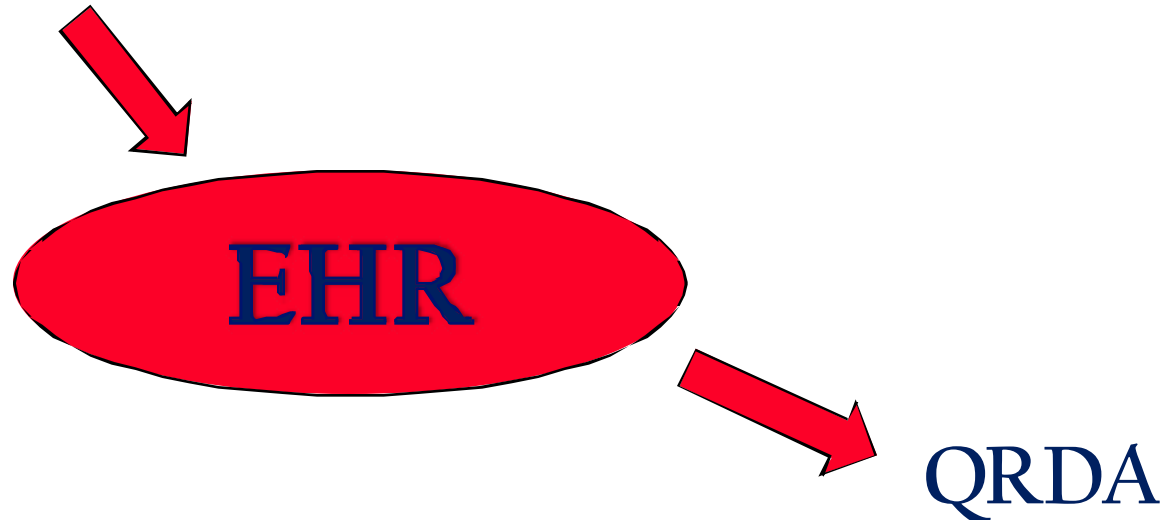
---

## eMeasure

Reporting quality measures from EHRs

HL7 Health Quality Measures Format

[ <http://www.hl7.org/v3ballot/html> ]



HL7 CDA R2 Quality Reporting Document Architecture

[ <http://www.hl7.org/documentcenter/> ]



**Newport Hospital**  
*A Lifespan Partner*

# Health Level Seven International

---

Health Level Seven International (HL7) is the global authority on standards for interoperability of health information technology with members in over 55 countries.



The standards focus on facilitating the interchange of data to support clinical practice both within and across institutions, example areas covered by HL7 are orders, test results, clinical observations.



**Newport Hospital**  
*A Lifespan Partner*

# Meaningful Use

---

- Translating requirements to your local environments, no clear roadmaps – What to do?
- Federal government has established standards for the Electronic Health Record – Why?
- Health Information Exchanges (HIE) are models  
These exchanges will be key to moving connectivity forward in your state.



**Newport Hospital**  
*A Lifespan Partner*



State Level Health Information Exchange » Participating States Contact Information - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

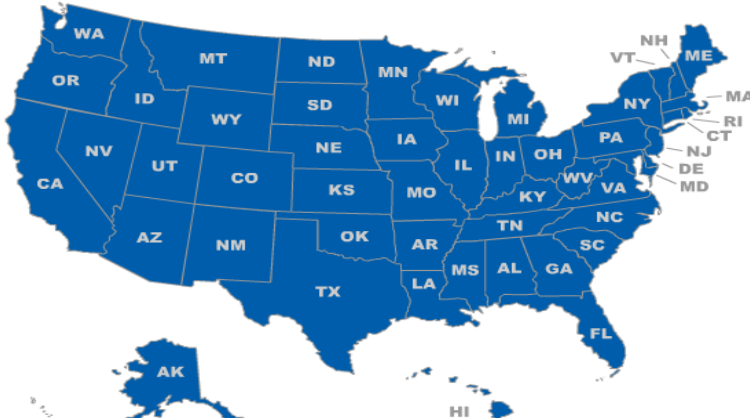
Address <http://slhie.org/contact/participating-states-contact-information/> Go Links » Contribute Edit in Contribute Post to Blog

# STATE HEALTH INFORMATION EXCHANGE LEADERSHIP FORUM

Search

Home Leadership Forum Forum Resources Contact Us Calendar Document Center

## Participating States Contact Information



### Rhode Island

State HIT Coordinator  
David R. Gifford  
Director of HEALTH, Rhode Island Department of Health  
Cannon Building, Rm 401, Three Capitol Hill  
Providence  
02908-5097  
[david.gifford@health.ri.gov](mailto:david.gifford@health.ri.gov)

Statewide HIE Coordinating Entity  
Rhode Island Quality Institute  
<http://www.riqi.org>

Primary Contact  
Laura Adams  
President and CEO  
275 Promenade Street, Ste. 225  
Providence

Participating Territories: [Guam](#), [Puerto Rico](#), [Northern Marianas Islands](#), [American Samoa](#), [Virgin Islands](#)

Done Start ? Inbox - Microsoft Outlook Document1 - Microsoft ... Leveraging Nursing Infor... NPT nursing experience... NDNQI 2011.ppt [Compa... State Level Health Inf... Internet << 3:52 PM



**Newport Hospital**  
*A Lifespan Partner*

# Information Systems in Use at Newport

---

## Seiman's Invision

- POM (MD orders)
- MAK (Med admin)
- Clinical Documentation

## GE CPM

- Surgical Services

## Hill Rom

- Birthing Center

## Medhost

- ED

## Quadramed Acuity

- ◆ Transparent Classification

## One Staff

- ◆ Scheduling



**Newport Hospital**  
*A Lifespan Partner*

# Scope of EHR Clinical Documentation

---

- ▶ Order Entry \* ^
- ▶ Admission HX/Immunization HX/Allergies \* ^
- ▶ Home Medications and Reconciliation \*
- ▶ Admission & “Shift Assessment” \* ^
- ▶ Patient/Family Education \*
- ▶ Discharge Continuity of Care Form & CCD. \*
- ▶ Closed Loop Medication Administration \*
- ▶ ADL’s/ Vital Signs \*
- ▶ Clinical Decision Support Systems (CDSS)

\* Meaningful Use Data Capture

^ NDNQI Data Capture



**Newport Hospital**  
*A Lifespan Partner*

# Key Elements in the EHR

---

- Incorporate Nursing's Unique Body of Knowledge
  - Specialty specific doc. e.g. Psych, Pedi
- Use Standardized Coded Language
  - Newport Hospital uses CCC
- Incorporate Evidence Based Practice
  - Braden, Hendrich, RASS, CAGE,
- Integrated Views of Patient Data
  - Enhanced communication with all professionals
  - Analyze/aggregate data for quality reporting



**Newport Hospital**  
*A Lifespan Partner*

# Nursing Language



**Clinical Care Classification System**<sup>TM</sup>  
www.sabacare.com

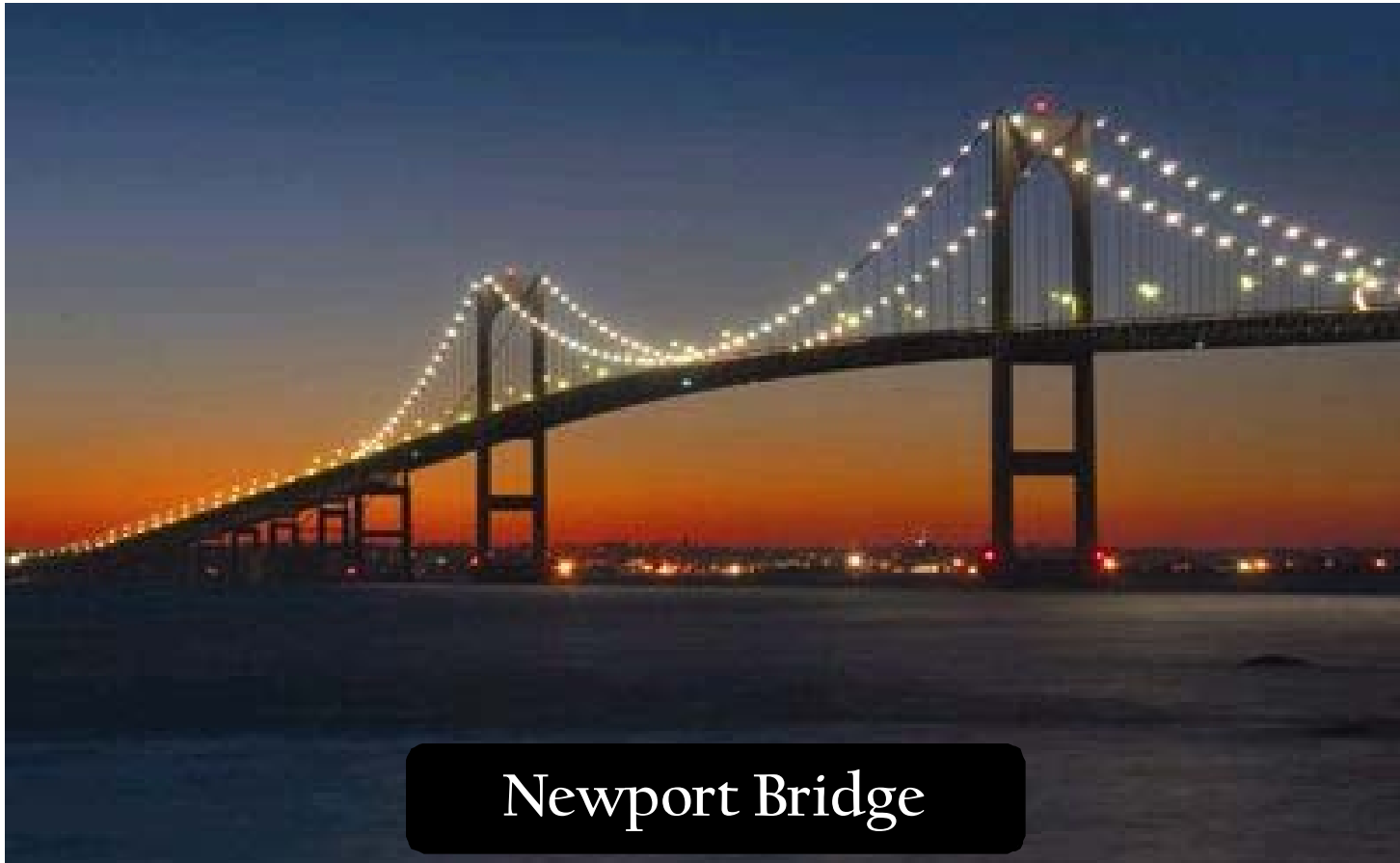
- ▶ Interdisciplinary
- ▶ Designed to tie with ICNP & SNOMED
- ▶ Recognized by CMS
- ▶ Supported by many software vendors
- ▶ Care Plan is classified by 21 Care Components which provide the standardized framework that links the CCC terminologies to each other and enables them to be mapped to other health-related classification systems.



**Newport Hospital**  
*A Lifespan Partner*

# Bridging to Reality

---



Newport Bridge



**Newport Hospital**  
*A Lifespan Partner*

# Meaningful Use Measures

---

- Generate lists of patients by specific conditions to use for quality improvement e.g. HAPU
- Report hospital quality measures to CMS or States
- Record smoking status, age 13 or older
- Implement clinical decision support rule
- Identify patient specific education



# Pressure Ulcers

---

NDNQI Outcomes since 1<sup>st</sup> quarter 2010

↑ Pressure Ulcer Prevention ↓ Hospital Acquired PU

- 1) Due to standardized documentation and cueing
- 2) Skin Team is a resource & objective data collectors
- 3) Wound Care Center receives an “auto print” of all at risk patients
- 4) Flow sheet type EHR view easily retrieved



**Newport Hospital**  
*A Lifespan Partner*



# Embedded Evidence Based Practice

## Example: Braden Scale

**Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer**

Address: <http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1282063639>

**Lifespan** Patient: **Testtpomphone ,Lxd** User: **MFL512** [Log Off](#)

**TESTTPOMPHONE ,LXD**  
 Curr Age: 122Y Reg Age: 121Y DOB: 8/8/1888 Sex: F [Show PCP](#)  
 MR#: 000000526876 Attn: UNASSIGNED, DOCTOR MD # 000000  
 Location: TEST / TEST01 MGM IA Isol: 0

**Enter Body Assessment**

Body Systems Categories | **Chart Detail** | Review

**Assessment Integrity**

Entered by: MFL512 - MARY F LOGAN

Sensory	Moisture	Activity	Mobility	<b>Nutrition</b>	Friction
<b>Sensory Perception</b> [3] 3 - Slightly Limited	<b>Moisture</b> [2] 2 - Very Moist	<b>Activity</b> [2] 2 - Chairfast	<b>Mobility</b> [3] 3 - Slightly Limited	<b>Nutrition</b> [ ] (See detailed scale on the right)	<b>Friction and Shear</b> [ ]

**Total Score**

Continue Prev Update Pending Update Complete Cancel Help

**Nutrition Scale Details:**

- ☐ **Very Poor** (Score: 1)
  - Never eats a complete meal and rarely eats more than a third of any food offered
  - Eats 2 servings or less of protein meat or dairy products per day
  - Takes fluids poorly
  - Does not take a liquid dietary supplement
  - OR is NPO and/or maintained on clear liquids or IVs for more than 5 days
- ☐ **Probably Inadequate** (Score: 2)
  - Rarely eats a complete meal and generally eats only about half of any food offered
  - Protein intake includes only 3 servings of meat or dairy products per day
  - Occasionally will take a dietary supplement
  - OR Receives less than optimum amount of liquid diet or tube feeding
- ☐ **Adequate** (Score: 3)
  - Eats over half of most meals
  - Eats a total of 4 servings of protein (meat, dairy products) per day
  - Occasionally will refuse a meal but will usually take a supplement when offered
  - OR is on a tube feeding or TPN regimen which probably meets most of nutritional needs
- ☐ **Excellent** (Score: 4)
  - Eats most of every meal
  - Never refuses a meal
  - Usually eats a total of 4 or more servings of meat and dairy products
  - Occasionally eats between meals
  - Does not require supplementation

**If score 18 or below implement interventions**

0YR GVBRAD01:P 08/17/2010 12:50

Start | Loading Java Applet... | Lifespan - Nursin... | 12:50 PM

# Pressure Ulcer Documentation

**Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer**

Address: <http://inetaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1282063639>

**Lifespan** Patient: **Testtpomphone ,Lxd** User: **MFL512** [Log Off](#)

**TESTTPOMPHONE ,LXD**

Cur Age: 122Y Reg Age: 121Y DOB: 8/8/1898 Sex: F [Show PCP](#) Allergies: **Amoxicillin**  
MR#: 000000526876 Attn: UNASSIGNED, DOCTOR MD # 000000 **Demerol**  
Location: TEST / TEST01 M&M IA Isol: 0 HT: 1 m 65.10 cm WT: 90 kg 948.78 g Dos 100 32 kg

**Enter Body Assessment**

Body Systems Categories | **Chart Detail** | Review

**Assessment**  
**Integumentary**

Entered by: MFL512 - MARY F LOGAN

**Location 1** Side: ☒ Right ☐ Left Site:

Type of Wound:   
☐ Other

☐ Unable to Evaluate

**Pressure Ulcer** ☐ Suspected Deep Tissue Injury ☐ Stage 1 ☐ Stage 2 ☐ Stage 3 ☐ Stage 4 ☐ Unstageable

**Wound Size** Length:  cm Width:  cm Depth:  cm

☐ Presence of Undermining

☐ Presence of Tunneling

**Wound Bed Color**

**Drainage**  **Odor** ☐ Yes ☐ No

**Erythema** ☐ Absent ☐ Blanchable ☐ Non Blanchable

☐ Dressing Changed Date:  Time:

☐ Wound Management over 1hr

**Wound 1 Comment**

☐ Additional Wound ...

[Continue](#) [Prev](#) [Update Pending](#) [Update Complete](#) [Cancel](#) [Help](#)

Loading Java Applet ...

Start | [Inbox - Microsoft O...](#) | [Lifespan Messenge...](#) | [Data Summary Rep...](#) | [Lifespan - Nursin...](#) | [RN Education Data ...](#) | [Ulcer and Restraint ...](#) | [Leveraging Nursing ...](#) | [NENIC.ppt \[Compat...](#) | 12:48 PM

# Skin Related Equipment

Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer

Address: http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:0:0:1290119498

Patient: Testtpomnphone ,Lxd Midd User: MFL512 Log Off

TESTTPOMNPHONE ,LXD MIDD

Cur Age: 122Y Reg Age: 122Y DOB: 8/8/1988 Sex: F Show PCP

MR#: 000000526876 Attn: MCWILLIAMS, TERENCE # 079004

Location: TEST / TEST01 ENT IA Isol: 0

Allergies: Almond, Amoxicillin

Copy Assessment

Body Systems Categories Chart Detail Review

Assessment Integumentary

Entered by MFL512 - MARY F LOGAN

Time on Screen 1 min

Previous Assessment 11/8/2010 12:21

**Moisture Management**

- ☐ Barrier Cream
- ☐ Barrier Spray
- ☐ Barrier Wipe
- ☐ Brief
- ☐ Frequent Toileting
- ☐ Incontinence Care
- ☐ Moisture Cream

**Pressure Redistribution**

- ☐ Elbow Protector
- ☐ Heel Elevator Boot
- ☐ Pressure Relief Mattress
- ☐ Seat Cushion
- ☐ Taught Shifting Mobilizing
- ☐ Turned q2hr

**Skin Related Equipment**

- ☐ Air Fluidized Bed
- ☐ Aqua Pad
- ☐ Bariatric Bed
- ☐ Bariatric Low Air Loss Overlay
- ☐ Cooling Wrap
- ☐ Fluidized Pressure Pad
- ☐ Gel Pad
- ☐ Hypo Hyperthermia Blanket
- ☐ Hyperthermia Blanket
- ☐ Low Air Loss Bed
- ☐ Low Air Loss Overlay
- ☐ Seizure Pads

**Integumentary Equipment Other**

Continue Prev Update Pending Update Complete Cancel Help Reset Time on Scrn

Applet oaaClient started

Start Calendar - Microsoft Out... Microsoft PowerPoint - ... Lifespan - Nursing NP... 5:35 PM

**Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address <http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:0:0:1290119498> Go Links >> Contribute Edit in Contribute Post to Blog

**Lifespan** Patient: **Testptpomnphone ,Lxd Midd** User: **MFL512** [Log Off](#)

**Integumentary**

Mus Csm  
Check  
Mus Skel  
Neurological  
Ongoing  
Documentation  
Pain and  
Comfort  
Psychosocial  
Respiratory  
Wound  
All Adm Hx  
All Adm Shift  
Care Doc Other  
Clinical Notes  
Clinical Notes  
Psych  
ED Notes  
EEG  
Endoscopy  
IV Contrast  
Non Invasive  
Vascular  
Radiology  
Radiology CT Count  
Radiology Image  
Resp Charting  
Rounds Report  
Write Orders  
Write Ord Chg Pnt  
Write Pst Prc Trns  
Allergies  
Care Documentation  
Cont Care Form  
Display Orders  
Home Meds  
Imm Hx  
Med Management  
Pharmacy Profile  
Problem List  
Progress Notes  
Pt Factors  
Pt Prog Nte  
Update Dosing Wt  
Vitals

Testptpomnphone ,Lxd Midd Sex: F BD: 08/08/1888 MR#: 000000526876 PT#: 112419049

Rm/Bed: Test01 **Set Date Range**

**Integumentary** (Up to 996 latest results) Last Activity: 11/18/2010 17:37

	2010 18 Nov 17:37	2010 18 Nov 17:33	2010 20 Oct 14:15	2010 01 Sep 12:41	2010 10 Aug 11:12
<input type="checkbox"/> <b>INTEG WNL Skin Integrity</b>				Yes	
<input type="checkbox"/> <b>INTEG Skin Color Dusky</b>					Yes
<input type="checkbox"/> <b>INTEG Skin Color Grey</b>		Yes			
<input type="checkbox"/> <b>INTEG Skin Color Mottled</b>		Yes	Yes		
<input type="checkbox"/> <b>INTEG Skin Temperature</b>		Cold	Cool		Cold
<input type="checkbox"/> <b>INTEG Skin Turgor</b>		Tight	Shiny		
<input type="checkbox"/> <b>INTEG Skin Moisture</b>		Diaphort			Diaphort
<input type="checkbox"/> <b>INTEG Mucous Membrane</b>					Cyanotic
<input type="checkbox"/> <b>BRADEN Sensory Perception</b>	1 1 - Completely Limited	2 2 - Very Limited	4 4 - No Impairment	1 1 - Completely Limited	3 3 - Slightly Limited
<input type="checkbox"/> <b>BRADEN Moisture</b>	3 3 - Occasionally Moist	2 2 - Very Moist	4 4 - Rarely Moist	1 1 - Constantly Moist	3 3 - Occasionally Moist
<input type="checkbox"/> <b>BRADEN Activity</b>	2 2 - Chairfast	1 1 - Bedfast	3 3 - Walks Occasionally	1 1 - Bedfast	1 1 - Bedfast
<input type="checkbox"/> <b>BRADEN Mobility</b>	2 2 - Very Limited	2 2 - Very Limited	3 3 - Slightly Limited	2 2 - Very Limited	3 3 - Slightly Limited
<input type="checkbox"/> <b>BRADEN Nutrition</b>	1 1 - Very Poor	2 2 - Probably Inadequate	3 3 - Adequate	3 3 - Adequate	1 1 - Very Poor
<input type="checkbox"/> <b>BRADEN Friction Shr</b>	2 2 - Potential Problem	2 2 - Potential Problem	2 2 - Potential Problem	3 3 - No Apparent Problem	2 2 - Potential Problem
<input type="checkbox"/> <b>BRADEN Brdn Tot Scr</b>	11	11	19	11	13

**Integumentary** (Up to 996 latest results) ...Continued

	2010 18 Nov 17:37	2010 18 Nov 17:33	2010 20 Oct 14:15	2010 01 Sep 12:41	2010 10 Aug 11:12
<input type="checkbox"/> <b>BRADEN Brdn Assess</b>	HighRisk (Implement Interventions)	HighRisk (Implement Interventions)	No Risk	HighRisk (Implement Interventions)	Mod Risk (Implement Interventions)
<input type="checkbox"/> <b>INTEG Braden Scale Date</b>	11/18/10	11/18/10	10/20/10	09/01/10	08/10/10
<input type="checkbox"/> <b>INTEG Braden Scale Time</b>	1737	1733	1421	1243	1112
<input type="checkbox"/> <b>INTEG Drains</b>					Yes

Start [?] Calendar - Microsoft Outl... Microsoft PowerPoint - [Lifespan - Nursing NP...

Internet 5:40 PM



**Newport Hospital**  
A Lifespan Partner

# Falls-NDNQI Outcome Improvement

---

- Total Falls/1000 days has decreased every quarter for the past 4 quarters

- How did we accomplish the decrease?

- 1) Restructuring the interdisciplinary team
- 2) Clinical presence of CNS
- 3) Research and eval fall prevention equipment
- 4) Improved documentation for trending



**Newport Hospital**  
*A Lifespan Partner*

# Modified Hendrich II

Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail Downloads

Address http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1282063639 Go Links Contribute Edit in Contribute Post to Blog

**Lifespan** Patient: Testptpomphone ,Lxd User: MFL512 Log Off

Resp Charting  
Rounds Report  
Write Orders  
Write Ord Chg Pnt  
Write Pst Prc Trns  
Allergies  
Care Documentation  
Write Care Doc  
Write Education  
Write Erroneous  
Cont Care Form  
Display Orders  
Home Meds  
Imm Hx  
Pharmacy Profile  
Problem List  
Progress Notes  
Pt Factors  
Pt Prog Nte  
Update Dosing Wt  
Vitals  
NPH Only  
Care History  
Diag Proc  
Display Allergies  
Eligibility  
Patient Info  
Lifespan Email  
Lifespan Phonebook  
Abx Sensitivity  
ADR Report  
Chemo Order Forms  
Lab Guide  
MDConsult  
Micromedex  
Mothers Milk  
On Call Data  
OVID  
Pedi Pain Mgmt  
Guide  
Pharmacy Guide  
UpToDate Online  
Calculations  
Chart Complete  
NPH EPB

TESTPTPOMPHONE ,LXD  
Cur Age: 122Y Reg Age: 121Y DOB: 8/8/1888 Sex: F Show PCP  
MR#: 000000526876 Attn: UNASSIGNED, DOCTOR MD # 000000  
Location: TEST / TEST01 MGM IA Isol: 0  
Allergies: Amoxicillin  
Demerol  
HT: 1 m 65.10 cm WT: 90 kg 949.78 g Doc: 32 kg 0 g

Enter Body Assessment

Body Systems Categories Chart Detail Review

Assessment  
Fall Risk

Entered by MFL512 - MARY F LOGAN

**Risk Criteria**

- ☐ NA No Fall Risk Identified
- ☐ NA Unconscious Coma Total Paralysis etc
- ☐ History of Falls within the last 6 months
- ☐ Confusion or Disorientation or Impulsivity
- ☐ Generalized weakness difficulty with transfer Use of adaptive or mobility device
- ☐ Altered elimination incontinence urgency frequency
- ☐ Dizziness Vertigo
- ☐ Any administered Antiepileptic or Benzodiazepines
- ☐ Use of patient care equipment IVs indwelling catheters SCDs NGT etc
- ☐ Sensory Loss Visual Hearing
- ☐ Suspected or diagnosed depression

Fall Risk Total 0

For score 6 and over initiate fall prevention protocol

☐ Falls Precautions Initiated

Fall Risk Comment

Continue Prev Update Pending Update Complete Cancel Help

OVRR ZNFALL01:P 08/17/2010 13:01

Loading Java Applet ...

Start Inbox - Microsoft Outlook Lifespan Messenger - M... Data Summary Reports ... Lifespan - Nursing NP... RN Education Data 201... Ulcer and Restraint Dat... NENIC.ppt [Compatibilit... 1:02 PM

# Safe Patient Handling

**Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address: <http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1289945995> Go Links >> Contribute Edit in Contribute Post to Blog

**Lifespan** Patient: **Testptpomnphone ,Lxd Midd** User: **MFL512** Log Off

**TESTPTPOMNPHONE ,LXD MIDD**

Cur Age: 122Y Reg Age: 122Y DOB: 8/8/1888 Sex: F Show PCP  
MR#: 00000528876 Attn: MCWILLIAMS, TERENCE # 079004  
Location: TEST / TEST01 ENT IA Isol: 0

Allergies: **Almond**  
**Amoxicillin**

**Enter Body Assessment**

Body Systems Categories Chart Detail Review

Assessment Equipment

Entered by MFL512 - MARY F LOGAN

**Equipment Currently in Use**

<input type="checkbox"/> Abduction Pillow	<input type="checkbox"/> Elevated Chair	<input type="checkbox"/> Stretcher Chair
<input type="checkbox"/> Ankle or Leg Splint	<input type="checkbox"/> Elevated Toilet	<input type="checkbox"/> Trapeze
<input type="checkbox"/> Cane	<input type="checkbox"/> Extremity Elevator	<input type="checkbox"/> Walker
<input type="checkbox"/> Commode	<input type="checkbox"/> Foot Drop or Alignment Boot	<input type="checkbox"/> Wheelchair
<input type="checkbox"/> Crutches	<input type="checkbox"/> Prosthesis	<input type="checkbox"/> Wrist Splint
<input type="checkbox"/> Other		

**Safe Patient Handling**

<input type="checkbox"/> Activity Apron	<input type="checkbox"/> Gait Belt	<input type="checkbox"/> Seizure Precautions
<input type="checkbox"/> Bed Alarm	<input type="checkbox"/> Hover Mat	<input type="checkbox"/> Self Injury Precautions
<input type="checkbox"/> Chair Alarm	<input type="checkbox"/> Hoyer	<input type="checkbox"/> Sit to Stand
<input type="checkbox"/> Constant Observation Sitter	<input type="checkbox"/> Lap Belt	
<input type="checkbox"/> Other		

Continue Prev Update Pending Update Complete Cancel Help Reset Time on Scrn

Loading Java Applet ...

Start | Inboxes - Microsoft Outlook | Untitled - Message (Rich ... | Leveraging Nursing Infor... | NPT nursing experience... | NDNQI 2011.ppt [Compa... | Lifespan - Nursing NP... | 5:38 PM

Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1290119498 Go Links Contribute Edit in Contribute Post to Blog

**Lifespan**

Patient: **Testptpomphone ,Lxd Midd**

User: **MFL512** Log Off

- Fall Risk
- Gastrointest
- Genitourinary
- GI Dm Tubes
- HEENT
- Incisions
- Integumentary
- Mus Csm
- Chck
- Mus Skel
- Neurological
- Ongoing
- Documentation
- Pain and
- Comfort
- Psychosocial
- Respiratory
- Wound
- All Adm Hx
- All Adm Shift
- Care Doc Other
- Clinical Notes
- Clinical Notes
- Psych
- ED Notes
- EEG
- Endoscopy
- IV Contrast
- Non Invasive
- Vascular
- Radiology
- Radiology CT Count
- Radiology Image
- Resp Charting
- Rounds Report
- Write Orders
- Write Ord Chg Prt
- Write Pst Prc Trns
- Allergies
- Care Documentation
- Cont Care Form
- Display Orders
- Home Meds
- Imm Hx
- Med Management
- Pharmacy Profile
- Problem List

Testptpomphone ,Lxd Midd

Sex: F

BD: 08/08/1888

MR#: 000000526876

PT#: 112419049

Rm/Bed: Test01

Set Date Range

Fall Risk (Up to 996 latest results) Last Activity: 11/18/2010 17:37

	2010 18 Nov 17:37	2010 18 Nov 17:33	2010 08 Nov 12:21	2010 20 Oct 14:15	2010 28 Sep 13:52	2010 01 Sep 12:41	2010 10 Aug 11:33
All							
<input type="checkbox"/> FALL No Safety Risk			Yes				
<input type="checkbox"/> FALL History of Falls	Yes						
<input type="checkbox"/> FALL Confusion Disorien Impulsiv	Yes	Yes					Yes
<input type="checkbox"/> FALL Generalized Weakness							Yes
<input type="checkbox"/> FALL Incontinent	Yes	Yes		Yes			Yes
<input type="checkbox"/> FALL Any Admined Antiepileptic	Yes						Yes
<input type="checkbox"/> FALL Equip Hazard	Yes	Yes					Yes
<input type="checkbox"/> FALL Visual Hearing Loss				Yes			Yes
<input type="checkbox"/> FALL Depression				Yes			
<input type="checkbox"/> FALL Total Score	21	13		9	0	0	23
<input type="checkbox"/> FALL Initiate Precautions	Yes	Yes		Yes			

Page created: Thursday, November 18, 2010 5:46 PM For: MFL512

Top of Page

Start

Calendar - Microsoft Out...

Microsoft PowerPoint - [...]

Lifespan - Nursing NP...

Internet

5:46 PM



# Smoking and CAGE

Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer

Address: http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST:O:0:1289945995

Patient: Testtpomphone ,Lxd Midd User: MFL512 Log Off

TESTPTPOMNPHONE ,LXD MIDD

Curr Age: 122Y Reg Age: 122Y DOB: 8/8/1888 Sex: F Show PCP

MR#: 000000528876 Attn: MCWILLIAMS, TERENCE # 079004

Location: TEST / TEST01 ENT IA Isol: 0

Allergies: Almond, Amoxicillin

Enter Adm Hx assessment

Body Systems Categories Chart Detail Review

Admission History

Past Medical and Surgical Hx

Entered by MFL512 - MARY F LOGAN

\*Tobacco Use Former Smoker Pack per Day 2 Number of Years 30

Use within 12 months ☐ Yes ☐ No ☐ Unable to Obtain ☐ Smoking Cessation Education Provided

Type of Tobacco Use ☐ Chewing ☐ Cigar ☐ Cigarettes ☐ Electronic Cigarette ☐ Pipe

☐ Regularly Exposed to Tobacco Smoke

Smoking Comment

\*Alcohol ☐ Yes ☒ No ☐ Unable to Obtain

C Have You Ever Felt the Need to Cut Down on Your Drinking Yes No

A Have You Been Annoyed by the Criticism of Others About Your Drinking Yes No

G Have You Felt Guilty About the Amount of Drinking You Do Yes No

E Have You Ever had an Eye Opener Drink First Thing in the Morning to Steady Your Nerves Yes No

\*Do you use illegal drugs or abuse prescription drugs ☒ Yes ☐ No ☐ Unable to Obtain

Type Amount Frequency

Last Intake

Alcohol or Drug Comment

☒ Department Notified

Continue Prev Update Pending Update Complete Cancel Help Reset Time on Scrn

Auto Print to dept

MDConsult Micromedex Mothers Milk On Call Data OVID PEDI Pain Mgmt Guide Pharmacy Guide UpToDate Online Calculations Chart Complete NPH EPB

Loading Java Applet ...

Start | Inbox - Microsoft Outlook | Document1 - Microsoft ... | Leveraging Nursing Infor... | NPT nursing experience.... | NDNQI 2011.ppt [Compa... | Lifespan - Nursing NP... | 5:22 PM

# Patient Education

**Lifespan - Nursing NPH2 [Locate Patient By] - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail News RSS Feeds

Address <http://netaccess-lifespan.smshealthconx.net/r0kw-ntap-bin/webcptun.exe/PRD/1?KEY=WD-INVISION2LP-INV-5-1-TEST;O:0:1289945995> Go Links >> Contribute Edit in Contribute Post to Blog

---

**Lifespan** Patient: **Testtpomnphone ,Lxd Midd** User: **MFL512** [Log Off](#)

**TESTPTOMNPHONE ,LXD MIDD**

Curr Age: 122Y Reg Age: 122Y DOB: 8/8/1988 Sex: F [Show PCP](#) Allergies:

MR#: 000000526876 Attn: MCWILLIAMS, TERRENCE # 079004

Location: TEST / TEST01 ENT IA Isol: 0

**Enter Education Assessment**

Body Systems Categories Chart Detail Review **Assessment Education**

Entered by MFL512 - MARY F LOGAN

**Topic 1**

**\*Related to**

**Given To** ☐ Patient ☐ Family ☐ Other

**Method** ☐ A-V ☐ Explain ☐ Other

☐ Demo ☐ Materials ☐ TV

**Readiness to Learn** ☐ Anxious ☐ Cooperative ☐ Denies Illness ☐ Uncooperative

**Verbalized Understanding**

**Able to Return Demo**

**Follow Up** ☐ None Needed ☐ Content ☐ Practice ☐ Reinforcement

**Topic 1 Comment**

☐ More education...

Continue Prev Update Pending Update Complete Cancel Help Reset Time on Scrn

Loading Java Applet ...

Start | [Inbox - Microsoft Outlook](#) | [Document1 - Microsoft ...](#) | [Leveraging Nursing Infor...](#) | [NPT nursing experience...](#) | [NDNQI 2011.ppt \[Compa...](#) | [Lifespan - Nursing NP...](#) | 5:23 PM

# Impact of Technology on Nurse Activities

JONA October 2010

---

– “Three computer related tasks – electronic charting, information retrieval and navigation account for 19% of time...”

– “...Nurses spent approximately the same amount of time in the patient room.”

– “Simple things such as log on times, computer availability and tech support can undermine an otherwise superior solution”

– “...Use of personal notes, that is “paper brain”, did not change.”



**Newport Hospital**  
*A Lifespan Partner*

# IOM and RWJ Work 2010

---

- The Future of Nursing: Leading Change, Advancing Health

- 2008-2010

- Action Oriented Blueprint for the Future of Nursing

- Technology Drill Down

- ID Potential Tech Solutions to Improve Nurse Work

- Environment on Medical Surgical Units

- 2 day drill down

- [www.rwjf.org](http://www.rwjf.org)



**Newport Hospital**  
*A Lifespan Partner*

# Success Factors

---

- ♦ Engaging End Users from the outset of any Informatics Project engenders ownership
- ♦ Creating a Nursing Informatics Council – CLIC
- ♦ Integrating Evidence Based Practice focuses discussions
- ♦ Document your progress
- ♦ Be prepared for anything
- ♦ Communicate, Communicate, Communicate



**Newport Hospital**  
*A Lifespan Partner*

---

# Thank You

[mlogan@lifespan.org](mailto:mlogan@lifespan.org)



**Newport Hospital**  
*A Lifespan Partner*