Implementation of Routine HIV Testing in an Acute Care Hospital in Rhode Island: A Nurse Initiated Opt-Out Pilot Project

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Disclosure:

• The presenters have no conflicts to disclose.



CDC Revised HIV Screening Policy

- 2006: Change from risk based to routine HIV screening for all persons 13-64 and all pregnant women (Branson et al., 2006)
 - Reduce barriers
 - Prevent transmission
 - Promote early detection

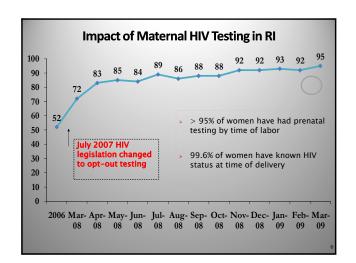


Revised State HIV Screening Laws • http://www.nccc.ucsf.edu/consultation_library/st_ate_hiv_testing_laws/

RI State Law



- Prior to 2007, HIV testing in RI opt-in and written consent required for everyone, including pregnant women
- Overall testing rate for pregnant women in RI 52.8%; 3 infants born with HIV in 2006
- Opt-out HIV Testing Requirements in Pregnancy – legislation passed June 2007



RI State Law: 2009 HIV Screening Legislation



The health care provider must:

- Provide the patient being tested information related to HIV and HIV screening, which can be either written or oral.
- Give the patient the opportunity to ask questions.
- Inform patients of their right to decline HIV testing.
- Obtain **verbal consent** for HIV testing. (RI Gen. Laws ch 23, § 6.3, 2009)

Health Care Encounters: A Missed Opportunity

- 73.4% of those diagnosed with HIV had visited health care facilities prior to the initial HIV diagnosis.
- Of those diagnosed, 43.4% were "late testers" or had an AIDS diagnosis within a year of initial HIV diagnosis.
- Of the "late testers," **53.7%** were diagnosed with AIDS within 30 days of initial HIV diagnosis.

(Duffus et al., 2009)



Expansion of Routine HIV Screening

- Prenatal clinics
- Primary care clinics
- Urgent care centers
- Emergency Departments
- Community Health Centers
- Outpatient Clinics
- Corrections facilities



Nurse-Initiated Routine HIV Testing: Cost-Effective



- 89.33% of patients agreed to testing with nurse-initiated screening compared with 84.5% in the traditional physician-initiated model (Anaya et al., 2008)
 - •Analysis concluded that the model with **nurse initiated** screening was the **most cost**-**effective** model (Sanders et al., 2010)

Nurse-Initiated Routine HIV Testing: Increased Patient Acceptance

 42% of patients agreed to physician-initiated opt-out testing compared to 85% for nurseinitiated screening (Cunningham et al., 2009)



Gathering the Stakeholders and Obtaining Buy In

- The Chief Nursing Officer
- The Directors of Inpatient and Outpatient Clinical Services, the Director of Nursing Education, the Chief of Infectious Disease, and the Chief of Medicine
- Nurse Manager and Assistant Manager
- Unit RN's





HIV Nursing Education



- Implementation of training program, HIV Testing, Prevention and Treatment: What Every Nurse Should Know
- 34 of 35 RNs employed by the pilot unit participated over a 3-month period from August 2011 through October 2011
- 1-hour, in-person training taught by two RNs who were certified in HIV Nursing and who each had more than 10 years of experience working with
- 5 sessions with group sizes ranging from 2 to 12

Institutional Policy



- The Miriam Hospital policy adapted in 2010 to be congruent with RI State Law
 - Consent or refusal and exchange of information about HIV testing documented in the patient's medical record
 - Consent voluntary with the individual's knowledge and understanding
 - Consent could be verbally obtained

Patient Education



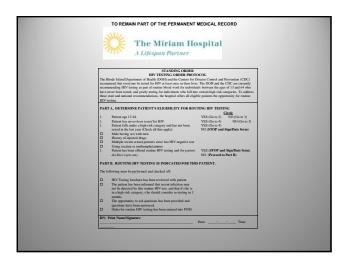
- Brochure, HIV testing: It's for all of us
 - Developed by RIANAC
 - All patients 18-64 receive 1:1 education upon admission using the brochure
 - Funding Brown University AIDS Program
 - Simple language, photos reflecting people of all ages and racial/ethic groups being at risk
 - Plans for translation into Spanish and Portuguese



Standing Orders



- Electronically signed by the Chief of Medicine
- All patients between 18 and 64 offered routine screening on admission
- If an eligible patient did not decline testing, RN places a Protocol Order for the HIV test into the electronic Physician Order Management System
- · RN submits the order for HIV testing
- Attending physicians or Infectious disease fellows notify patients of positive results; negative test results given by nurses on the unit



SORT Initiative Implementation

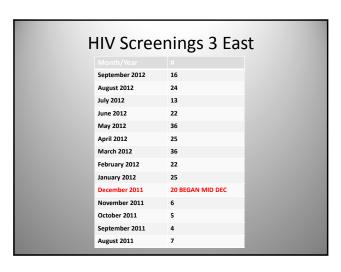
- "Go live": Mid-December 2011
- Ongoing communication
- On-site leadership and commitment













SORT: Future Directions Expansion to remainder of in-patient units The Miriam Hospital Expansion to other Lifespan partners Expansion to other in-patient hospitals in RI Expansion to out-patient settings in RI Expansion to in-patient and out-patient settings nationally The Miriam Hospita A Lifespan Partner The Miriam Hospita A Lifespan Partner



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