



Integration of the Electronic Medical Record and the Library's Electronic Resources

OvidSP

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SEAHEC Medical Library







A regional medical library supporting 5 counties in southeastern

North Carolina



New Hanover Regional Medical Center Wilmington, North Carolina



- 769 beds
- 547 physicians on staff





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OvidSP MEDLINE

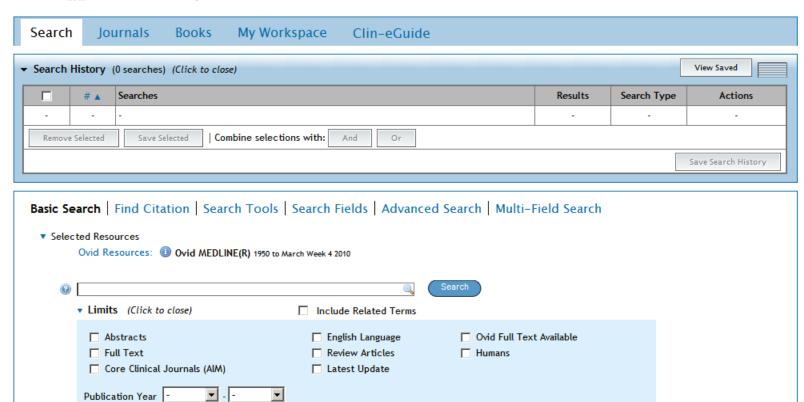




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How to Subscribe to the AHEC Digital Library



- Individual pricing \$160 annual fee
 - SEAHEC has 1,336 individual subscribers
 - NC has 15,700 individual subscribers
- Institutional Pricing
 - Large hospitals pay a higher institutional price
 - Small hospitals pay a lower institutional price







The Goal

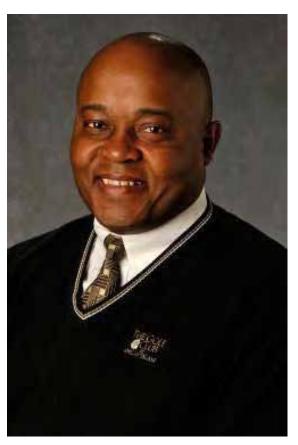
Integrate the AHEC Digital Library into the hospital's Electronic Medical Record





Cultivating Relationships





Avery Cloud, Chief Information Officer





Key People...



- The hospital's IT Department: agreed to work on the project
- Librarians at the North Carolina Central AHEC Office: agreed to work on the project and continued with many tries until the goal was met
- Donna Flake: spear-headed the project and saw it through to completion





10



...Created the New Workflow

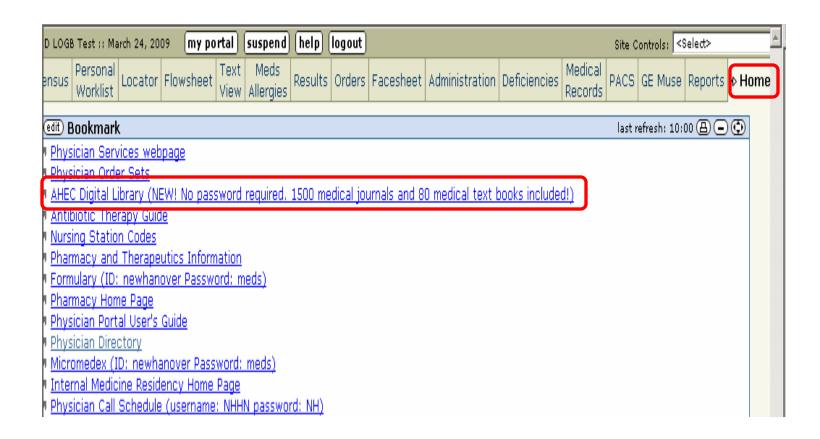
- The team of librarians who developed the AHEC Digital Library changed the URL to allow the user-name and password to be bypassed/auto-filled
- The hospital's IT department took the changed URL and added it to the electronic medical record homepage
- The physician is now taken directly to the AHEC Digital Library as if an IP range was in effect





New Link on Physician's Electronic Medical Record...









...Takes Physicians to the AHEC Digital Library









Amazing Coincidence

OvidSP Basic Search is launched

- Ovid launched OvidSP Basic Search in Fall 2007, in the middle of this project
- Created a simplified search experience, perfect for the physicians





Ovid MEDLINE Basic Search





OvidSP

Teaching Health.

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Reactions from Doctors





16







About searching MEDLINE using Ovid Basic Search:

"That's fantastic! Much more user-friendly. Great because I am not getting 4,000 hits. I was destined to meet Donna Flake today."





Dr. Hoke Pollock, Otolaryngology

About integrating the library sources with the EMR:

"This will save more lives than anything else at the hospital."









Marketing to Physicians



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19





- Physicians' IT Committee
- Cardiology Departmental meeting



Physician's Lounge



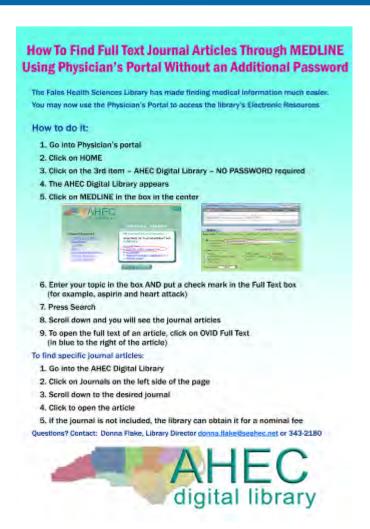






POSTER: How to find the AHEC Digital Library within the Electronic Medical Record



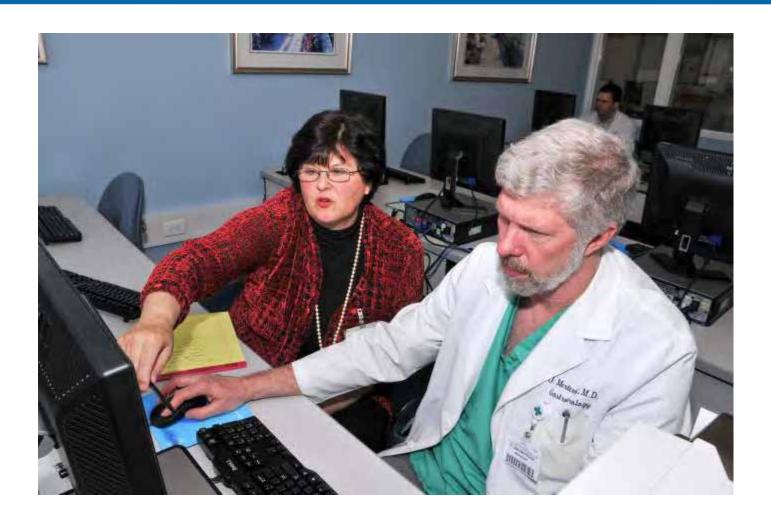






Demonstrations in the Library SEAHEC









Quarterly Breakfast with Physicians





Dr. Mario Basegoda, Hospitalist; Donna Flake; Dr. Linda Francis, Psychiatrist





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Talking to Doctors in the Hall SE







Marketing for \$7.50

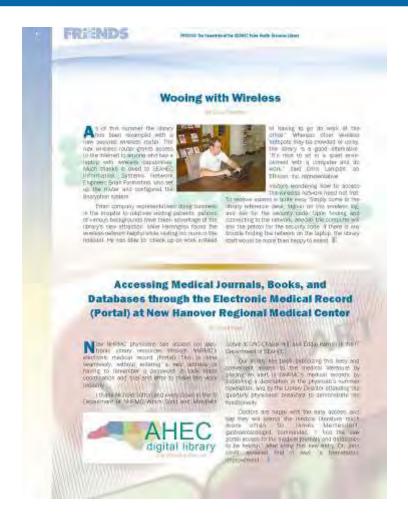
















Physician's Newsletter



SEAHEC Digital Library offers Medical Journals and Books through Portal

1500 Electronic Medical Journals & 79 Electronic Medical Books are available through Portal (no other password needed!)

The Medical Library of SEAHEC offers easy access to:

- · 1500 electronic medical journals
- 79 electronic medical books
- OVID MEDLINE
- Several Evidence-Based Databases

Procedure:

- 1. Log into Portal
- 2. Tab over to HOME
- 3. Click on the 3rd item, the SEAHEC Digital Library

Useful Resources in the SEAHEC Digital Library:

- MEDLINE (the interface is much simpler now) just enter a phrase; you can also limit to Evidence-Based Medicine (EBM) or full text.
- 2. Journals (on the left) just click on a journal
- 3. Books (on the left)

For more information, contact Donna Flake, Library Director at Donna.Flake@seahec.net or 910-343-2180.

 An article from the most recent newsletter



Targeted Letters to Physicians Detailing Resources Available



Dear Dr. Bennett:

I am delighted to tell you that our library subscribes to seven full-text electronic Urology journals. They are:

- Australian & New Zealand Continence Journal
- Contemporary Urology
- Current Opinion in Urology
- Journal of Urology
- Uro-Gram
- Urological Nursing
- Urology

As for urology books, we have one available electronically:

- Smith's General Urology

The attached sheet describes how to get to our AHEC Digital Library through the hospital's EMR. If you have a problem using this service, please let me know.





29



Placing the AHEC Digital Library in the Nurse Charting Module of the Electronic Medical Record

Became operational in February 2010

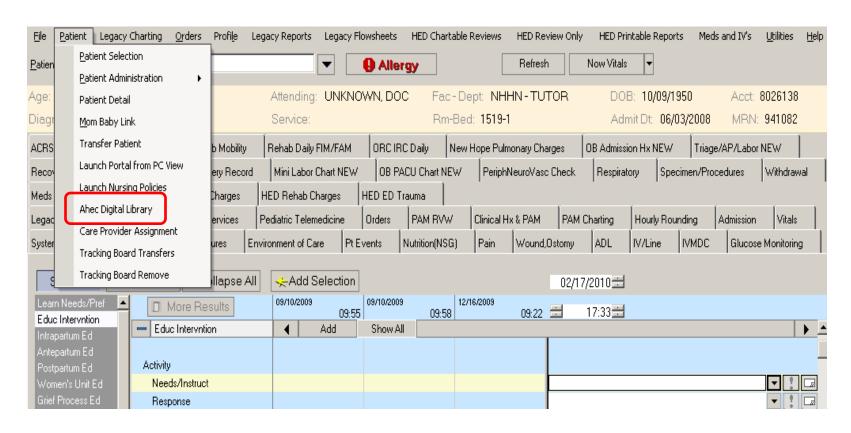




30

New Link on Nurse's Electronic Medical Record...











Marketing the AHEC Digital Library in the Nurse Charting Module

- Promoting nurses use of library electronic resources in their electronic record
- Reaction from nurses







Lessons Learned

- Marketing in person is best
- Target the physician's specialty
- Communicate your marketing message more than one time
- Be proactive in making things happen to better your library
- Think about how you can go beyond your library to integrate your resources into the user's environment





Access via the Electronic Medical Record has Increased Usage



- Physicians' use of the AHEC Digital Library <u>before</u> access through the Electronic Medical Record
 - Average monthly hits: 67
- Physicians' use of the AHEC Digital Library <u>after</u> access through the Electronic Medical Record

	Password	Electronic Medical Record	Combined
- April 2008	95 hits	1 hit	96 hits
- December 2008	32 hits	79 hits	111 hits
- January 2009	25 hits	101 hits	126 hits
- January 2010	49 hits	108 hits	157 hits









- Doctors and nurses say the library provides a very easy-to-use interface
- Much more library use by physicians and nurses
- Getting to know additional physicians and nurses
- Physicians, nurses, and the institution see the library as proactive
- More respect for the library and librarians







Next Steps...

... Continue to publicize library resources in the Electronic Medical Record







Conclusion









