

New Challenges in Medical Library: From shelf to PDA

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Clinical Practices and its problems for students

- Clinical Practices with real patients
- The time of response is a determinant factor
- A lot of questions and doubts and without the possibility to consult medical literature
- Students need a quick answer

Finding Solutions

- Students wrote a project to help themselves in their clinical practices: A Quick Guide Pocket
- Presented their project in an Innovation Teaching Workshop held at Medical School in 2006, and asked some help to develop it.

Born a New Project

- Medical School re-wrote the initial project and transform it in an Innovation Teaching Project
- Grant from a Catalan Government to its development and implementation
- Students, Teachers, Physicians, Computer & Multimedia Technicians, Librarians... are implicated in this project

Innovation Teaching Project: Use PDA in Clinical Practices

- Free Election Subject
- Students write educational material refilling a standard form
- Teachers and Hospital Residents revised educational material than Students have written
- The Teacher Coordinator of this project, and responsible of subject, publish educational material written by students as an e-book



Structure for Teaching Units

- One unit for each Clinical Speciality (around 20). Are the educational materials
- Each unit contents around 15-20 real clinical cases
- Clinical cases contents the description, symptomatology, medical treatments, evolution... of each case, and sometimes also photos or graphics to help students in their clinical practices

WORK TEAM

- Teacher Coordinator
 - Fellow responsible for the layout
 - Fellow Coordinator
 - Students
-
- Computer Service
 - Medical Library
 - Learning Resource Center

First Trial

- One unit ***Dermatology*** with 25 Clinical Cases as a trial version
- The main results were:
 - Less time to response
 - Student have more security

The screenshot displays a web-based dermatology application. At the top right, a 'Regional Index' lists anatomical areas: Hair / Scalp, Face, Trunk / Axilla, Groin / Genitalia, Arms / Legs, Hand, Foot, Nails, and a Home link. Below this is a photograph of a male statue. The main content area shows a section titled '1.2. Dermatomas' with three anatomical diagrams of the human body: a full-body view, a head and neck view, and a back view, all with color-coded regions. The interface includes a search bar, navigation buttons, and a toolbar with 'Edit Marks Tools' and a home icon. The browser title bar shows 'dermatofinal' and the time '16:19'.

Project at this moment I

- Units are ready to transform in ebook:



- Cardiology
- Dermatology
- Digestive
- Haematology
- Ophthalmology
- ORL
- Pneumology
- Surgery
- Rheumatology

Project at this moment II

- June: Fourth course Teaching Units are ready. We are working to transform them in IsiLo format (eBook)
- July: We'll contact technology companies to get an agreement and give a low cost PDA to students

Comming Planning

- Fourth Course Medical students will start theirs clinical practices with this Teaching Units next September
- Fifth course students will write new materials. They will ready in June 2009
- 2009-2010 students from fourth and fifth course will be do clinical practices with this Teaching Units
- 2010-2011 Teaching Units for clinical practices of fourth, fifth and sixth course will be ready

Needs support to the project

- Distribution Channels for news materials
- Management access and control of materials
- Management Licensing
- Develop procedures for updating content.
- Ensuring universal access to content
- New services for new devices

Challenges for Medical Library

- New service: Loan mobile devices (PDA)
- Make easier access to Teaching Units
- Make guides and tutorials
- New users training
- Creating a web portal for PDAs resources
 - Distribution of Update Teaching Units
 - Compilation of library resources for PDAs
 - Compilation of utilities for mobile device
 - Guides of software and hardware
 - Web 2.0 so that students make their contributions

Challenges for Informatics Services and Learning Resources Centre

- Designing a web portal that contain:
 - Update of educational materials as a eBooks
 - Update of educational materials in Web format
 - Downloading software for mobile devices
 - Downloading eBooks regardless of which type of mobile device is. It adapts the content to the device.
 - Tutorials how to use mobile devices

View of Web Portal

UAB Cerrar pestaña (Ctrl+W) A A A Castellano | English

Directorio

La màxima fàcil de trobar la tesi doctoral que busques

BIBLIOTEQUES DE LA UAB

Col·leccions

- Essencials de medicina
- Software
- Guies
- Tutorials
- Hardware
- Preguntes més freqüents
- Guia de Recursos Internet
- Publicacions digitals UAB
- Recursos temàtics
- Revistes digitals
- Sumaris
- Tesis doctorals en xarxa

Serveis

- Què us oferim

Informació General

- Biblioteques de la UAB
- Normatives
- Guies d'ajuda
- Fons especials

Consorti de Biblioteques Universitàries de Catalunya

- Red de Bibliotecas Universitarias
- Biblioteca Josep Laporte

Recursos per PDA

Essencials de medicina

- Dermatologia [±]
- hematologia. [±]
- Cardiologia [±]
- Otorrinolaringologia [±]
- Traumatologia [±]

Catàleg [09/06/08] Nou catàleg del Servei de Biblioteques

Biblioteques - El 10 de juny es posa en marxa el nou catàleg del Servei de Biblioteques [±]

RSS Sindicació de notícies

Trobador

- Metacercador de recursos electrònics
- El que anem llegint** Portal de recomanacions literàries
- Renova els teus préstecs
- Gestions en línia** La biblioteca amb un "click"
- Horaris i plànols** Horaris d'obertura, préstec, vacances i plànols d'accés a les biblioteques de la UAB
- Refworks** Organitza les teves referències bibliogràfiques
- Accés des de fora del campus** Accés remot a més de 12.000 recursos electrònics
- Preguntes més freqüents**
- UAB, digueu** Consultes, suggeriments i queixes

Servei de Biblioteques

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Directorio

La màxima fàcil de trobar la tesi doctoral que busques

BIBLIOTEQUES DE LA UAB

Biblioteques > Biblioteques Medicina > Recursos PDA

Recursos

- Essencials de medicina
- Software
- Guies
- Tutorials
- Hardware
- Preguntes més freqüents
- Guia de Recursos Internet
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Serveis

- Què us oferim

Informació General

- Biblioteques de la UAB**
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- Biblioteca Josep Laporte

Biblioteca de Medicina - Bellaterra

Recursos en internet medicina Interna

- Buscadores con más recursos en Cuidados Intensivos
- Buscadores médicos genéricos y específicos
- Centros médicos y hospitales del mundo
- Consulta bibliográfica
- Cuidados Intensivos pediátricos
- Diccionarios y ayudas para escribir
- Guías y pautas de actuación clínica
- Iconografía
- Informática general
- Instituciones académicas vinculadas al enfermo crítico
- Listas de distribución y chats
- Medicina basada en la evidencia
- Medicina de emergencias
- Metodología, estadística y herramientas de publicación
- Organismos gubernamentales e internacionales
- Páginas de cuidados intensivos
- Revistas en formato electrónico

Informació general

- Fons
- Equipaments
- Àmbit propi
- Horaris
- Directorio

Catàleg

Ajuda [?]

Cerca per: Paraula Clau

Cerca a: UAB CCUC

Cerca avançada [+]

El meu compte [+]

Horaris i plànols

Horaris d'obertura, préstec, vacances i plànols d'accés a les biblioteques de la UAB

Gestions en línia

La biblioteca amb un "click"

Procés d'Avaluació

Una garantia de màxima qualitat en la prestació dels serveis

ISO 9001

Sistema de qualitat certificat

UAB, digueu

Consultes, suggeriments i queixes

Gestió dels duplicats

obsolets i no pertinents

La Carpeta

Intranet del Servei de Biblioteques

Servei de Biblioteques

- Contacta amb nosaltres
- s.biblioteques@uab.es

Advantages

- Students write Teaching Units
- Support continued to practice
- Quick
- Review and update
- Support for prepare a test
- Consultation with search engine

Conclusions

- Improvement in the performance of clinical practice
- Students learn better
- They have more security in front of the patient
- Quick response
- Introduce TIC's in clinical practice

Thank you very much

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