

From shelf to PDA: How to transform mobile devices in an information library tool

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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 Pocket Handbook
- 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 Teaching Units refilling a standard form
- Teachers and Hospital Residents revised Teaching Units than Students have written
- The Teacher responsible of subject publish all Teaching Units as an e-book



Structure for Teaching Units

- One Teaching Unit for each Clinical Speciality (around 20). Are the “Essentials of Medicine”
- Each Teaching 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 helps student in their clinical practices

Another Contents

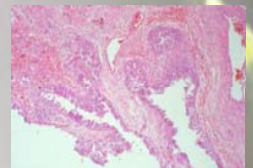
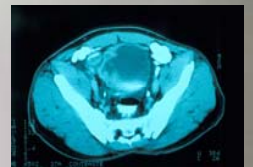
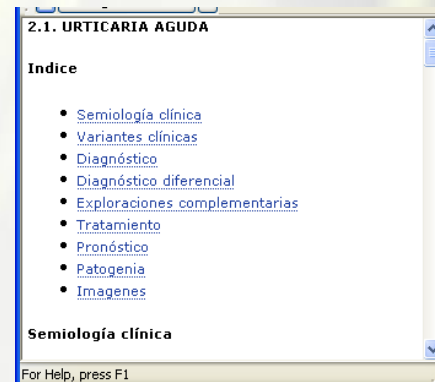
- Medical Library contributes with a digital resources consultable by PDA, like:
 - Harrison's on line
 - Vademecun
 - Epocrates
 - E-books
 - E-Journals
 - Access to several medical Data Bases, etc.

Some Technical Questions

- Teaching Units + Clinical Cases + Another Contents = **EBOOK**
- **EBOOK** is in format ISILO to facility PDA consult
- Runs in Windows Mobile and Palm Os
- We need to find an “end to end” publishing system.

First Trial

- Trial with 15 students during 3 weeks.
- At this moment we only have a Teaching Unit ***Dermatology*** with 23 Clinical Cases as a trial version
- Results:
 - Less time to response
 - Student have more security



Thank you very much

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