

PDA Competencies

Objectives

Students will demonstrate the ability to

1. Operate a PDA effectively
 - Synchronize the PDA with a desktop or laptop computer
 - Download, install and remove programs
 - Backup and restore main memory
 - Maintain the PDA in optimal operating condition
 - Fully charged
 - Adequate memory to run programs
2. Use a PDA for decision support at the point of care
 - Use **medical calculators** to do unit conversions and calculate formulas like BMI and due date
 - Use **drug information resources** to find drug information like indications, dosage, adverse reactions and contraindications, perform a drug interaction search, and locate currently recommended antibiotics for specific microbial infections
 - Use **disease quick references** to find descriptive information on presenting problems and diseases to include diagnostic and treatment information, related disorders, prognosis, incidence and prevalence
 - Find a **differential diagnosis** list for common chief complaints
 - Use a PDA **medical dictionary** to look up terms and abbreviations
 - Use PDA **textbooks** to find information on diagnostic test interpretation
 - Use PDA evidence-based clinical prediction tools.
 - Use PDA based **evidence based medicine resources** to locate current clinical practice guidelines, high level Cochrane and InfoPOEM reviews.
3. Use a PDA to **document clinical encounters** at the preceptors office into the CDCS system and sync them back to the server

Software available 8/2004

- **Archimedes** – medical calculators
- **InfoRetriever** – 5 Minute Clinical Consult, medical calculators, Cochrane abstracts, InfoPOEMS, practice guidelines, prediction tools
- **ePocrates Pro** – drug information, alternative medications, infectious disease guide, drug interaction tool
- **CPOnhand** – drug information, drug interaction tool, IV interaction tool
- **First Consult** – differential diagnosis generator and disease reference
- **Mobile Merck Medicus** – Pocket Guide to Diagnostic Tests and Merck Manual
- **Avantgo** – CDCS data collection system