Leaning Medicine with the Help of Computers and Learning About Medical Computer Applications

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In the talk I will discuss some educational approaches that we used to introduce students to computer applications.

1. Electronic patient records:
After a one hour lecture students are offered a questionnaire to determine their knowledge about this subject. Then groups of five students had to select one of six topics that all had to do with aspects of (electronic) patient records. After independently studying the subject they had to write a thesis and to present the contents to the other students. After that the knowledge of the students was again assessed via the questionnaire. Students could use QMR to observe the possibilities and limitations of an electronic decision support system.
2. Guideline systems. Students can study an EPR system coupled to a guideline system concerning heart failure patients. Goal is to learn about heart failure and how to treat the patients.
3. Order entry system for GPs. Students can study a system used by GPs for ordering laboratory tests. The system produces reminders if the GP does not work according to the recommendations.
Learning medicine with the help of computers:
4. Diagnosis and therapy. The students are presented a case (through a computer program). They can then ask additional questions about the case and finally decide a diagnosis and a therapy. The system will evaluate their answers.
I also attached a CV. I do not have a good picture. I have attached one but I do not know whether that is a good one for you.
I will later inform you about my travel arrangments.