Renewing the Curriculum to More Effectively Accommodate Clinical Rotation: An ALTC Priority Program Project

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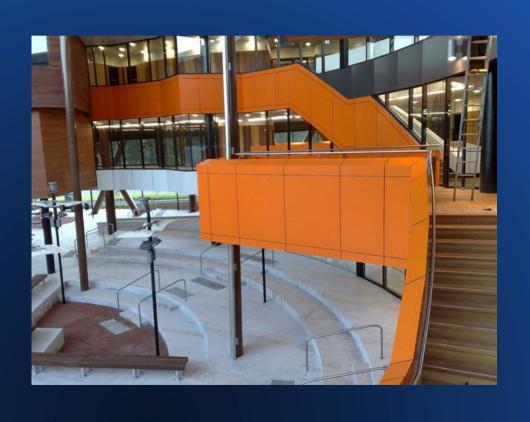


UWS Medicine

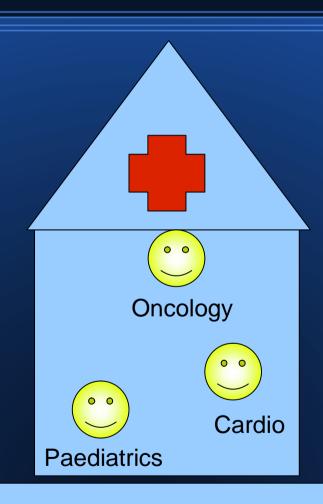


- 1st students start 2007
- 100-120 per year
- 5 year course
- Undergraduate
- Greater Western Sydney

Years 1 and 2

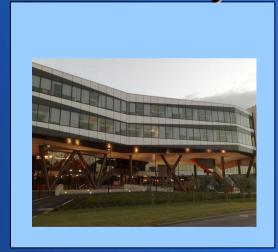


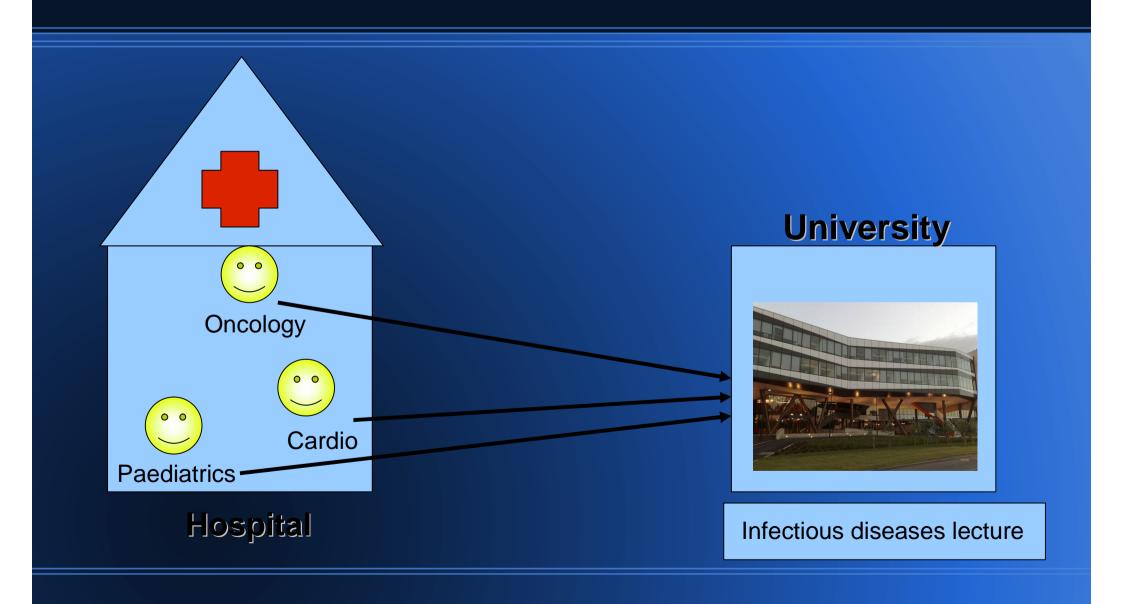
- Problem based learning tutorials
- Highly integrated with lectures – basic sciences
- Some clinical exposure

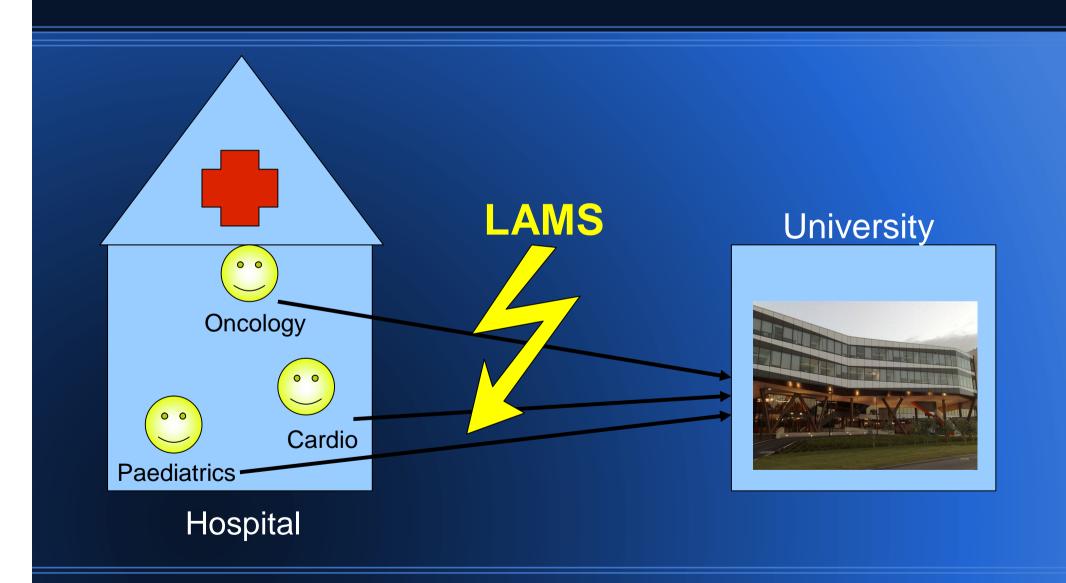


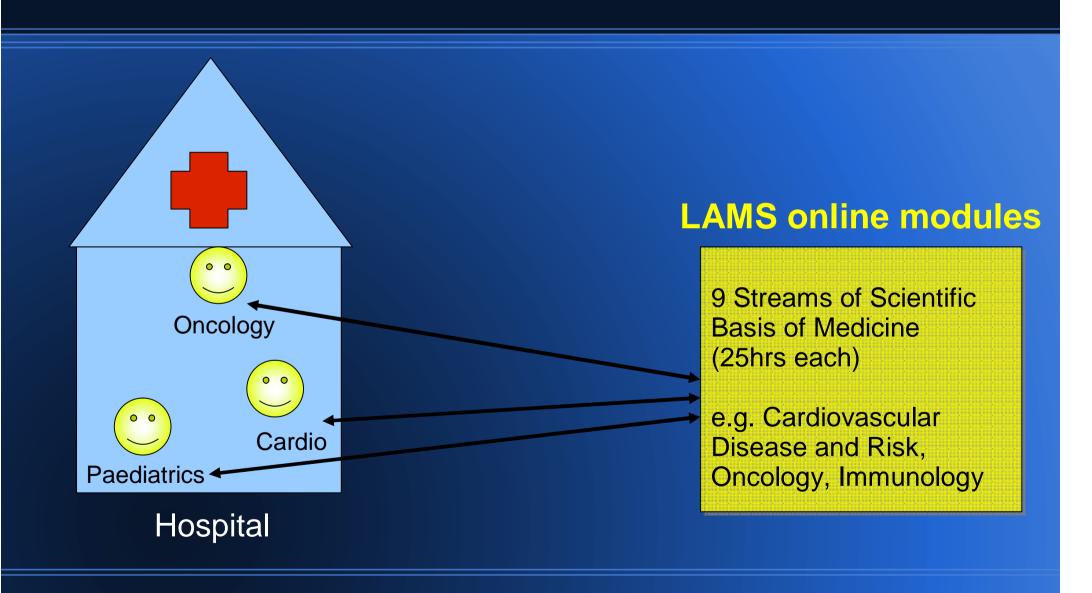
Clinical Placement in Hospital

University









ALTC project

- What is considered "best practice" for the teaching of the scientific basis of medicine within the field of medical education?
- What learning designs can be readily adopted by the Faculty of Medicine as a means of delivering best practice?
- How can the curriculum be delivered to facilitate students' learning in relevant and connected ways when they are out on clinical rotation?
- What learning designs can be readily adopted by other disciplines as templates for best practice?
- How can identified barriers to academics' adoption, adaptation and reuse of learning designs be overcome to ensure sustainability?

Best Practice

- Problem based learning tutorial setting
 - Case presentation
 - Students attempt initial diagnosis
 - More case detail presented
 - Students collect information in topic
 - Students connect learning to case for a final diagnosis
 - Sometimes proceed with treatment

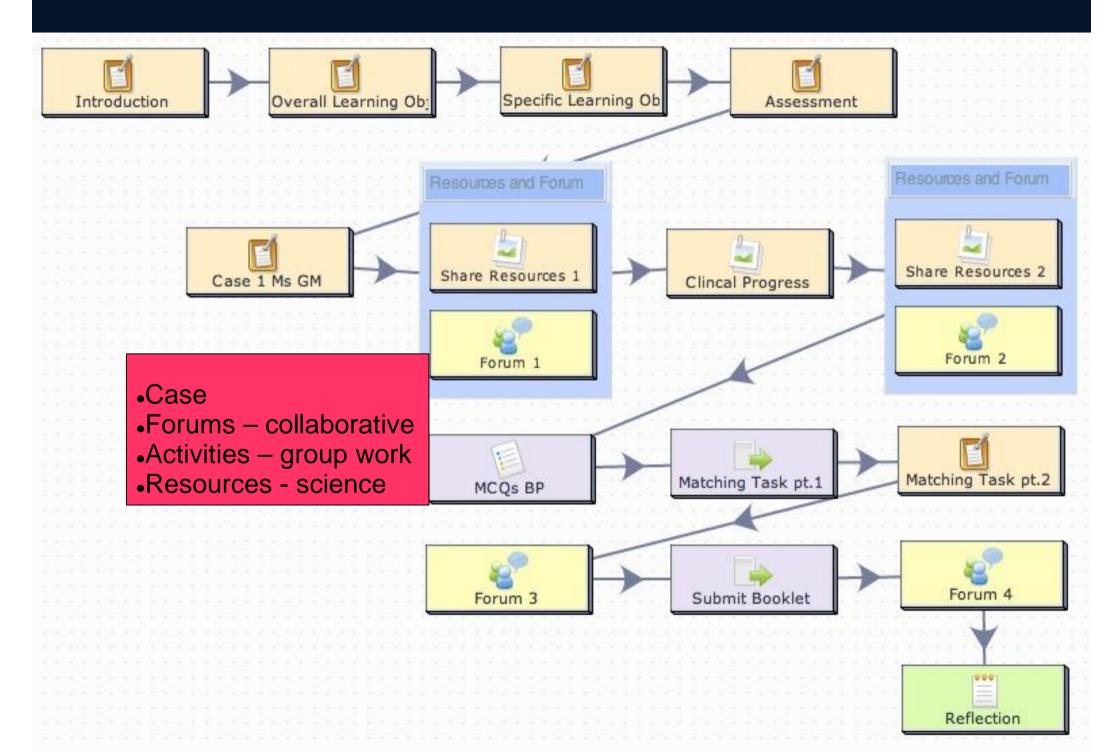
What Learning Designs

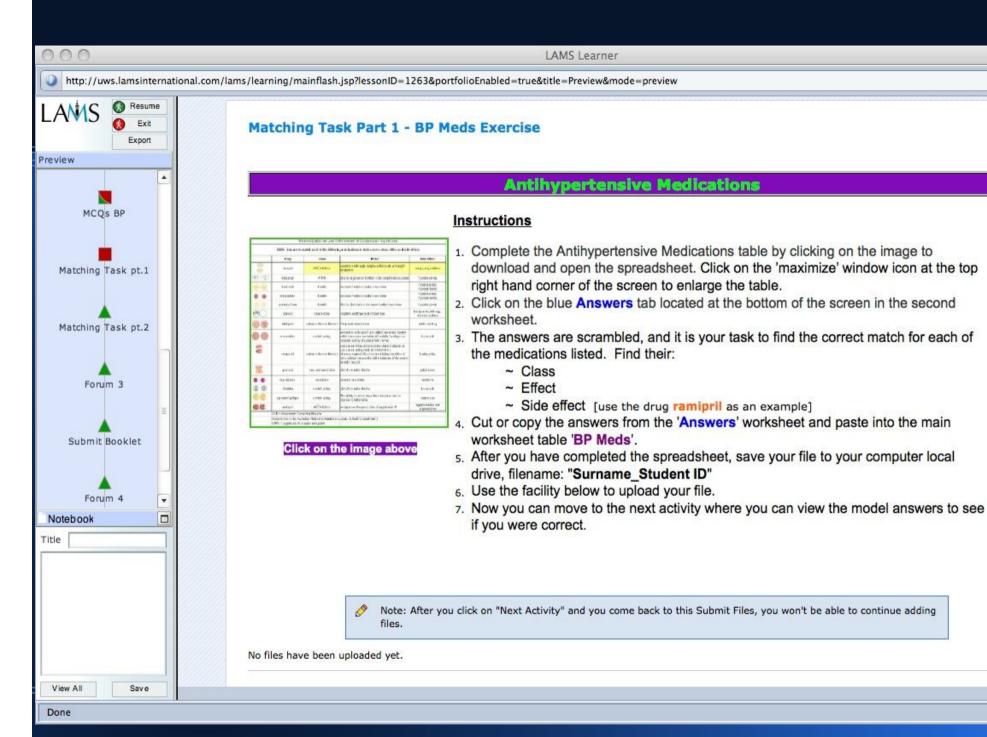
- Level of learning design
 - PBL theory
 - LAMS authoring environment 5 hrs or 25 hrs
- Number of learning designs
 - 9 modules x 25 hrs = eLearning fatigue
 - 8 10 learning designs to suit different teaching styles
- Presentation guided or prescribed

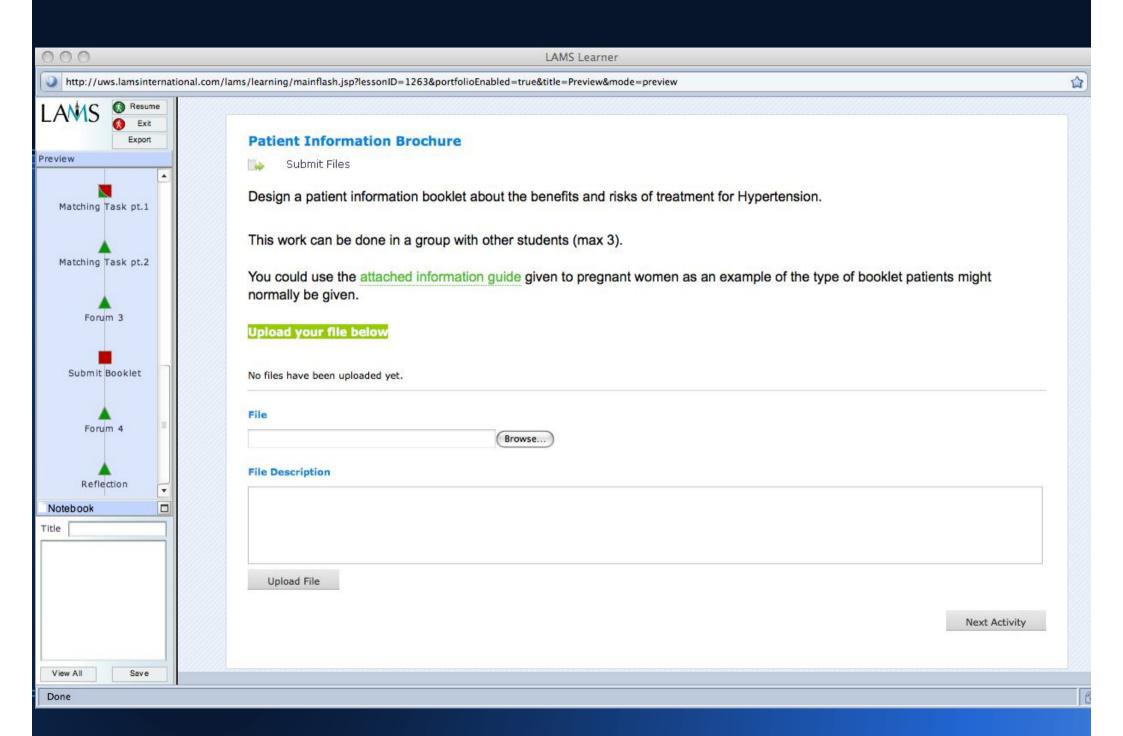
Current modules

- 3 modules for 2008 (3rd year students)
- Content experts using PBL theory, but not using Learning Design templates
- 3 different styles of module emerging

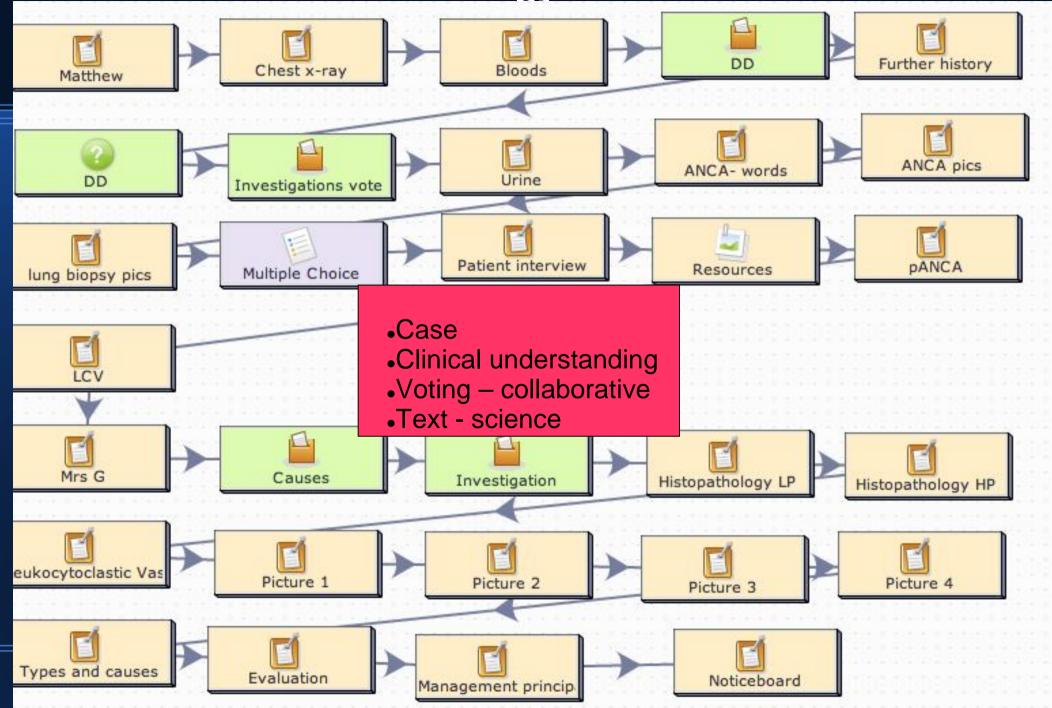
Cardiovascular Disease and Risk - Case 1



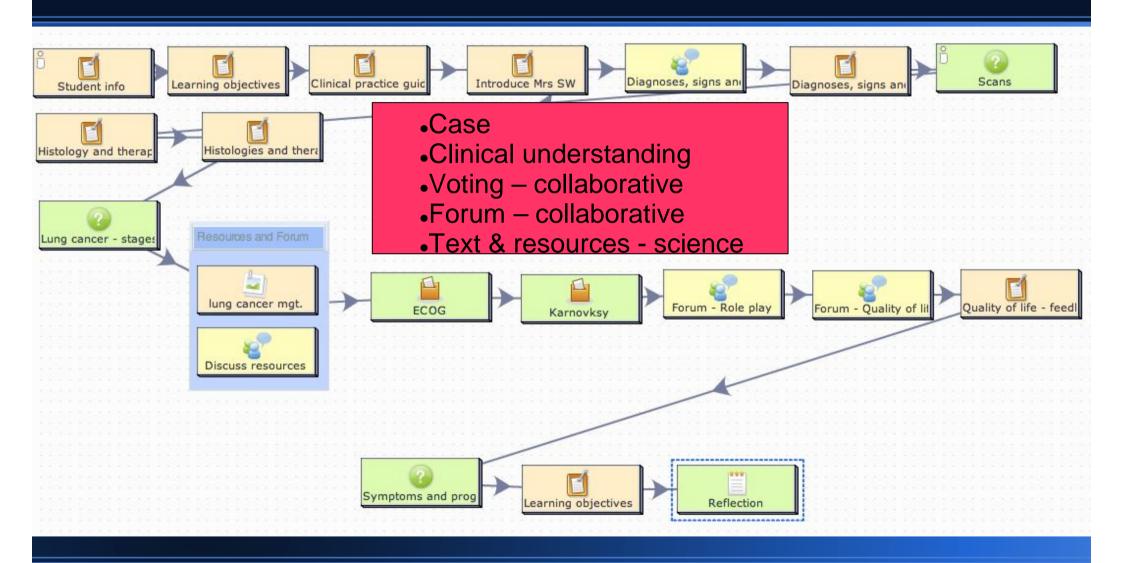




Immunology - Case 1



Oncology - Case 1



Future

- Collect student feedback about current modules
- Create 8-10 learning designs (based on lessons learned and to suit teaching styles)
- Create a process for how how LAMS team relates to content experts
- Release learning designs to others