

# The University of Melbourne MD course

Training our 21<sup>st</sup> Century Doctors

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2012



"The only two certainties in life are death and taxes." Mark Twain



In our case may be three certainties – the third one being the obligatory program change each decade at the University of Melbourne

Working terminology ...

- “Old course” – the one we all did pre 2000
- “Old new course” – the one that our HMOs have done
- “New new course” – the one that our Gen Z students will do





# The new MD

## Why the change?

- In 2006 – Vice Chancellor and Council decision to have only 5 key undergraduate programs – Arts, Music, Science, Biomedicine, Commerce & Environments – 3 year course length
- Each student required to do breadth subjects with new Melbourne Model degrees
- For those wishing to undertake further vocational training ... selective entry into a postgraduate vocational degree – e.g. Law, Medicine, Physiotherapy, Dentistry, Architecture – emphasis on these new courses being at a Masters level



# The new MD

When and what?

- New MD course commences in 2011
- Four year course
- One year at Faculty before entering directly into clinical training
- No undergraduate entry
- Graduate entry based on grade point average (6/7), general assessment exam (GAMSAT – Min 60), Mini-interview stations, limited guaranteed entry as well
- 340 students
- Clinical Schools – 8 locations – metro to rural



# The new MD – course structure

The MD Course Structure			
Phase One	Year 1	Foundations of Medical Practice	Introduction to Clinical Medicine/Population Health
Phase Two	Year 2	Principles of Clinical Practice	Clinical Foundations Term/ Ambulatory Care/ Medicine and Surgery
Phase Two	Year 3	Specialty/GP terms	Obstetrics/Paediatrics/General Practice/Aged Care
Phase Three and Four	Year 4	Pre-internship	Scholarly Selective – Research component (AMS equivalent) / Preparedness for Practice



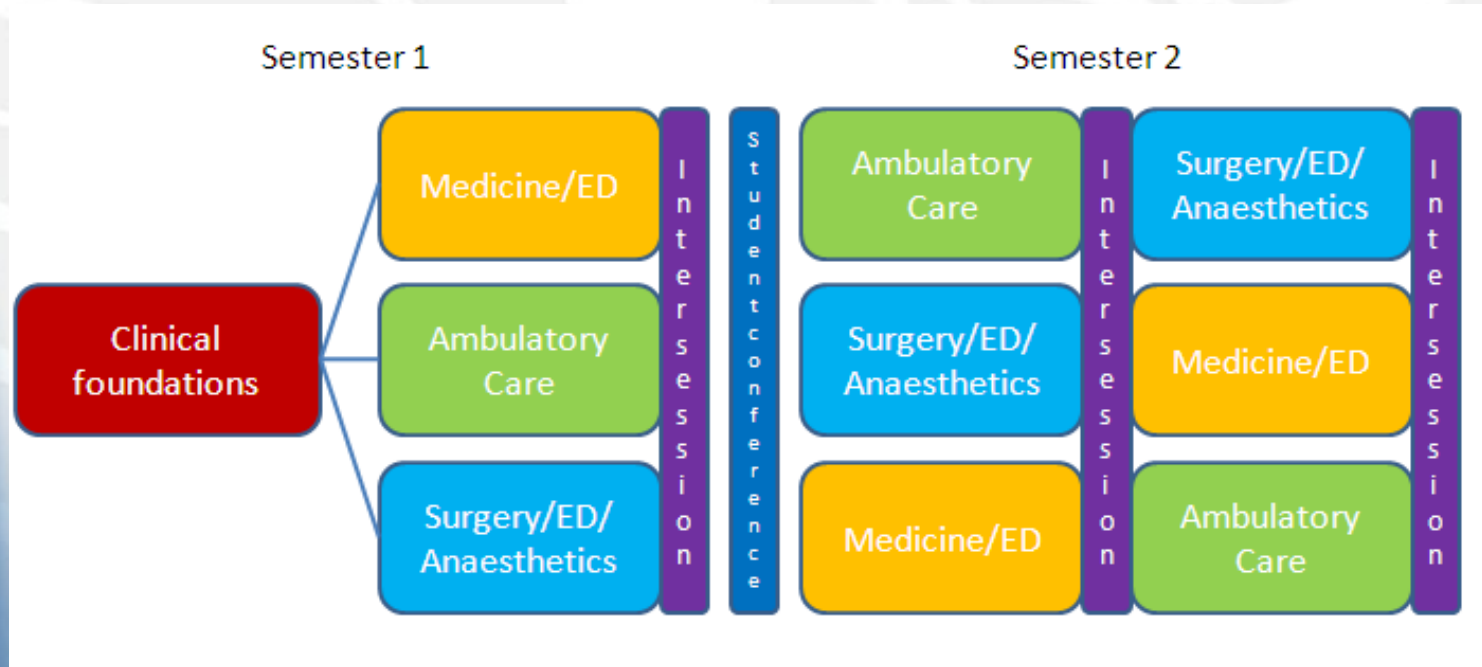
# The new MD – Phase Two (Yr2/3)

Key Aims for our new program:

- Provide opportunities for self-directed, small group and workshop style learning in a clinical context
- Focus student learning on patients with a variety of illnesses, both acute and chronic
- Provide opportunities for meaningful and long term contact between teachers and students
- Provide opportunities to work and learn within inter-professional teams



# The new MD – Year 2



# The new MD – Phase Two (Yr2)

## The impact to the Clinical School

- Foundation term – February to April 2012 – new MD students will have introduction to medicine program and only small amount of access to wards. If there is ward based teaching – done at St Vincent's, SVPH and Mercy Private, and Peter Mac
- Foundation Term – based on themes of the week – e.g. Mental health, Heart and Lungs, Gastroenterology, Lifecycles, Organisational Systems



# The new MD – Phase Two (Yr2)

Overlap details – double teaching bump

- Double teaching commences on April 16<sup>th</sup> – 7 week overlap – semester 9 students (Old) and MD rotating term students (New)

## So what is the plan?

- Old MBBS and new MD students will be spread through all units / teaching sites to spread teaching load and optimise capacity
- Increased use of simulation teaching – Med Ed Centre
- Direct request to do double teaching for this period – early contact will be made by Clinical School



# The new MD – Phase Two (Yr2)

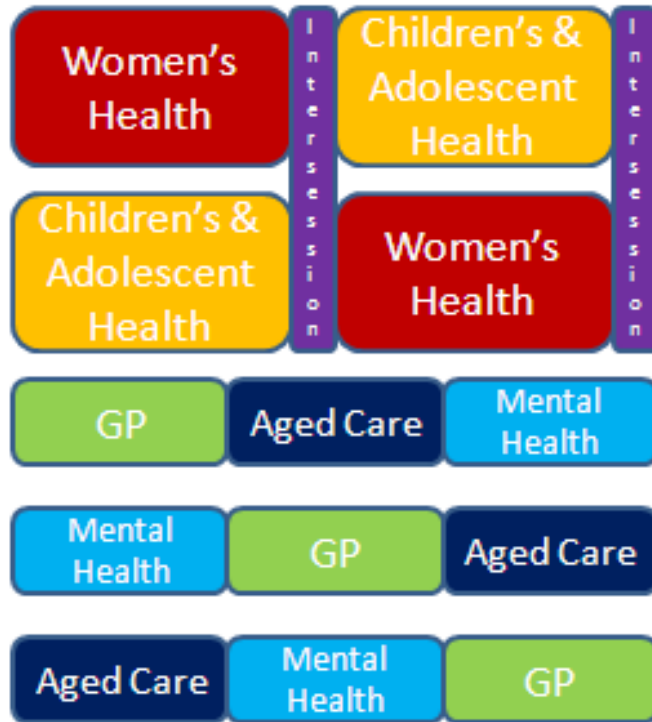
## Rotating Terms –

- General Medicine/ General Surgery/ Ambulatory & Emergency terms
- Terms based at St Vincent's, Private Hospitals and also Peter MacCallum
- 9 week terms – 8 weeks linked with hospital units and final week for revision and Masterclass series

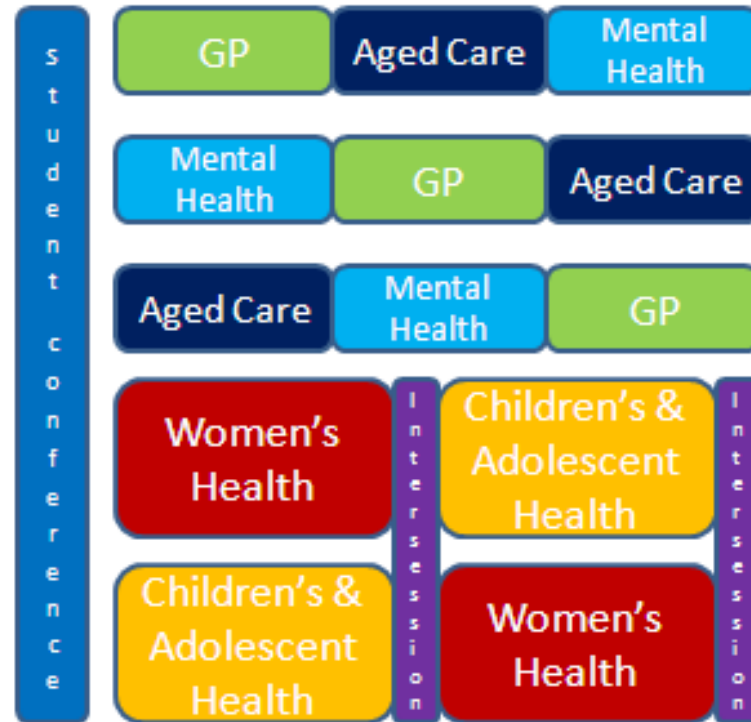


# The new MD – Year 3

## Semester 1



## Semester 2



# The new MD

So what is unique about this new course?

- Masterclass/Intercession series through the course – akin to research conference format
- Research program in final year – ½ year program – AMC accreditation for MD status
  - Old AMS program
  - Better time to undertake research after 18 months of clinical placements
  - Important to retain our own students and attract others from other Clinical Schools
- Final semester – Pre-internship program – ½ year – Intern shadowing, Safety to practice program, Medical Selective



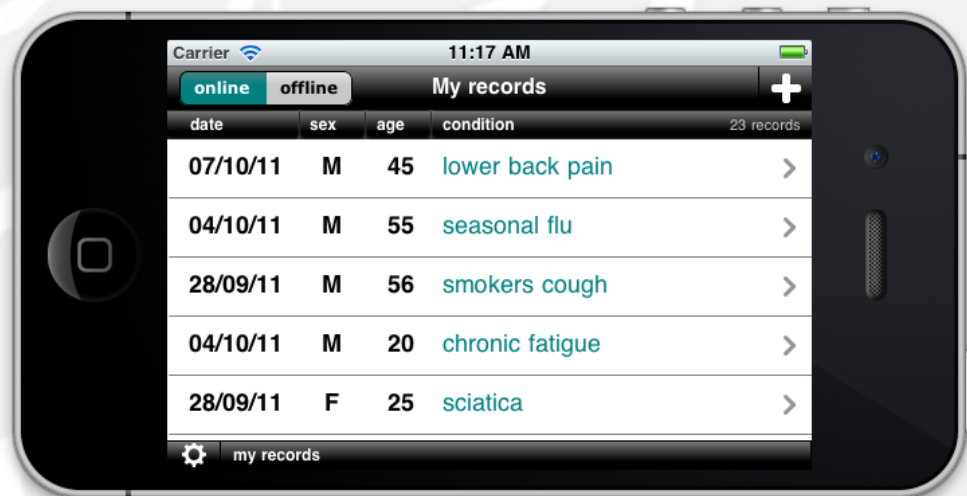
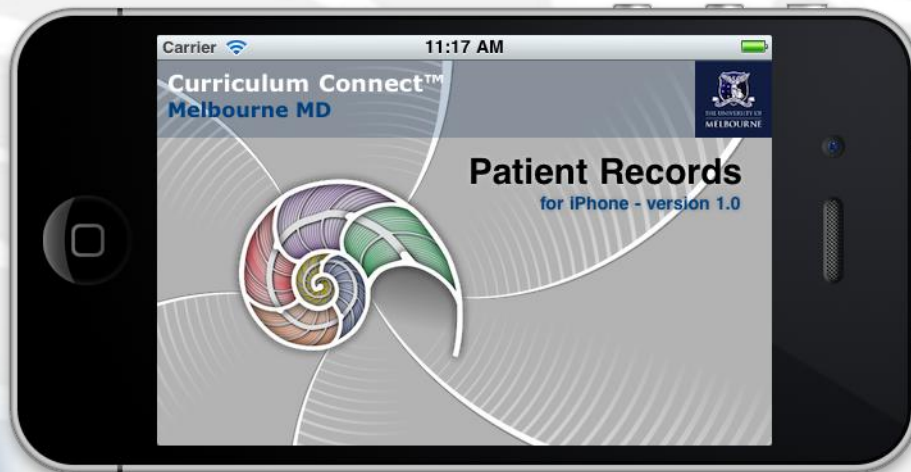
# The new MD – new elements

## Curriculum Connect

- E-Health/E-learning portal – Four Pillars
  - EHR learning portal
  - Hyperlinks within EHR and learning materials to link back to resources, previous learning undertaken
  - Online timetabling and communications portal
  - Curriculum Database for academics and administrative staff – Faculty, Clinical School, Specialty rotations, Community Care – Dept of General Practice



# The new MD – new elements





Something coming for the future ... Find My Students application



# The new MD

In the end as teachers –

*“We hope to provide a learning environment that enables our students to be safe, competent, professional and able to deal with a complex 21<sup>st</sup> Century medical care system.”*





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