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Biomedical engineering projects Vacation experience

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Outline

- Vacation Student projects
- Vacation Student experience
- Opportunities



CAP home-based cardiac rehabilitation program

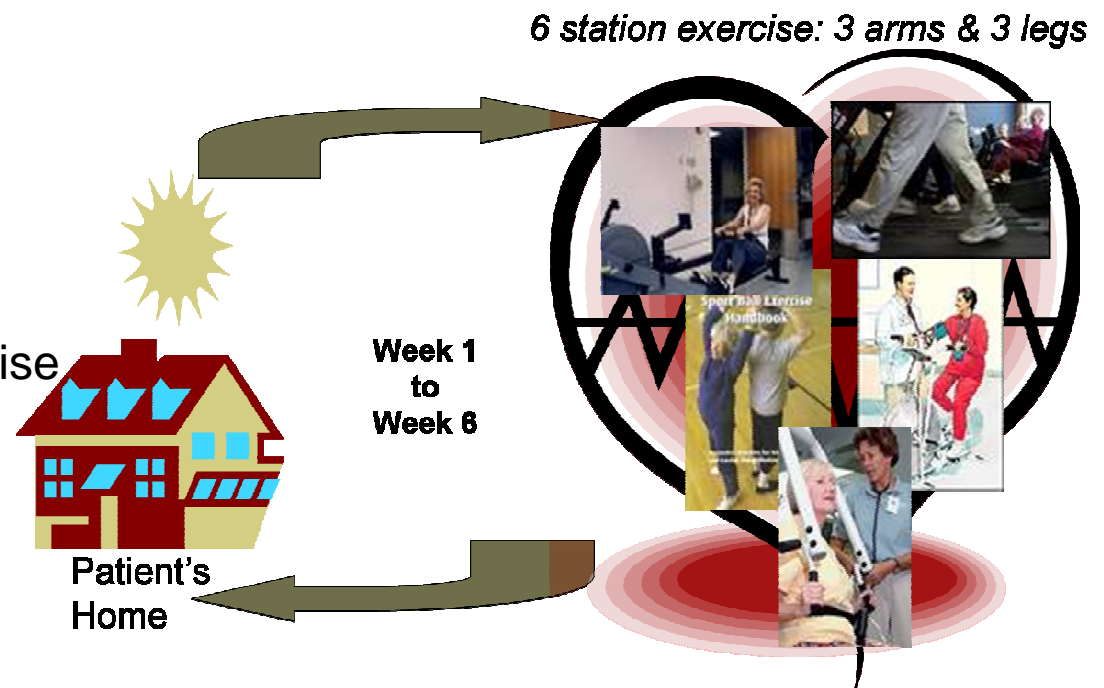
Main problem in cardiac rehabilitation

- There is a significant underutilisation of Cardiac Rehabilitation programs. Only 16% of all the eligible patients complete a program in QLD.

I.A.Scott et.al. "Utilisation of outpatient cardiac rehabilitation in Queensland", MJA 2003; 179(7)

- **Principals Reasons:**

- self-care preferred
- negative perception of gym-based group exercise
- travel, work, cost, time issues and complex enrolment process



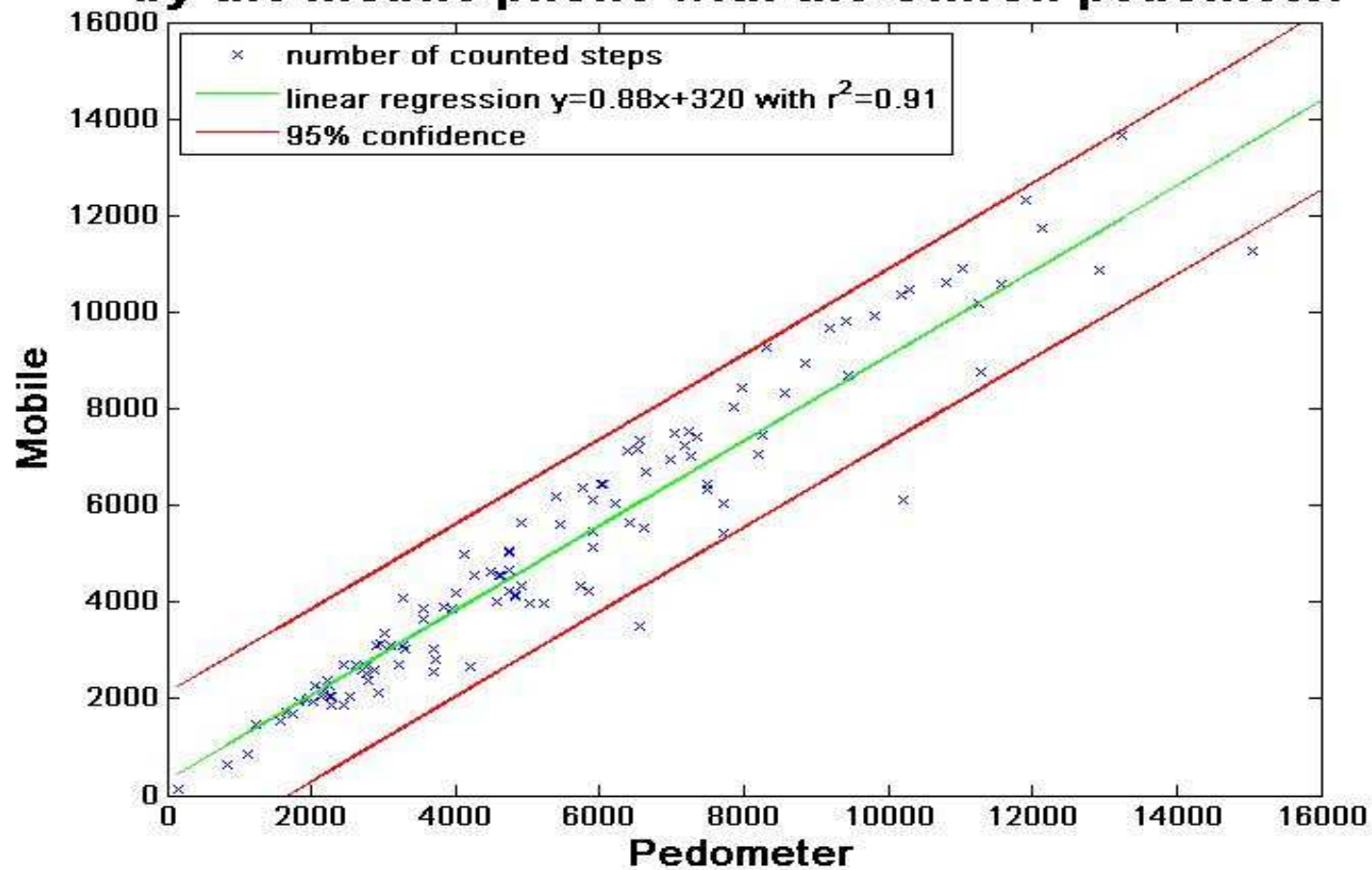
Alternative care models are required

CAP technology setup



Results of Vacation student experience

Comparison of the number of steps counted by the mobile phone with the Omron pedometer

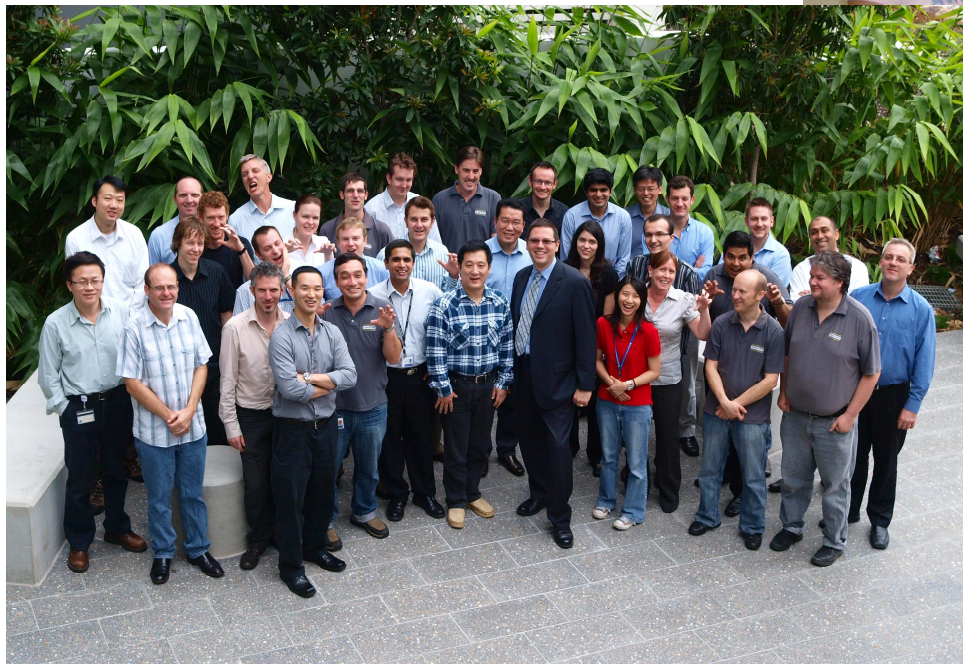




Vacation Student experience

Australian E-Health Research Centre

- Good work atmosphere
- Many different projects
- Great opportunities



Big Day In : Student conference





Example of Opportunities with AeHRC

Think about a PhD...



AeHRC

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Thank you

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