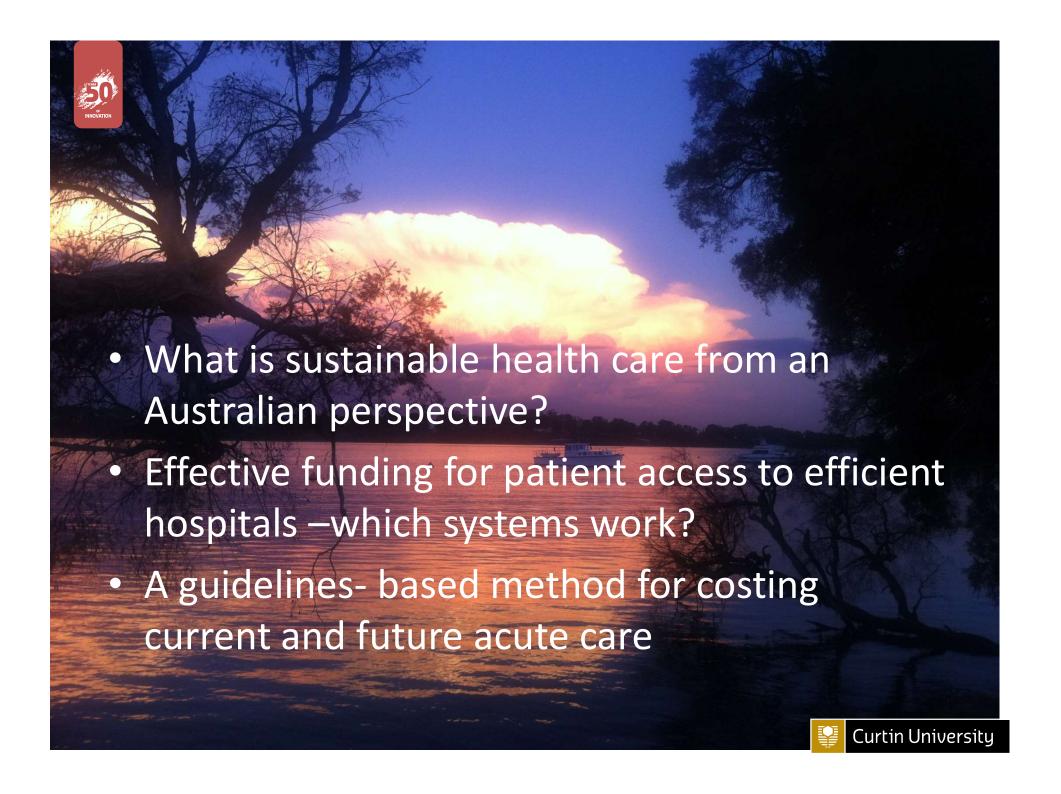


Targeting capital investment for hospitals for sustainability and patient centred care: evidence from 18 nations

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Perth | Kalgoorlie | Dubai | Malaysia | Singapore







We expect hospitals to be...

- Efficient
- Appropriate for contemporary standards
- Accessible for patients

Fiona Stanley Hospital, Perth

Victorian Cancer Centre, Melbourne

Perth Children's Hospital







Efficiency in hospitals

- Economic or financial sustainability
 - Allocative efficiency of resources
 - Productive efficiency of labour and capital
 - Dynamic efficiency for the sustainable future









Allocative Efficiency

- An efficient capital funding system:
 - Hospitals have timely access to capital
 - Hospitals have flexible use of capital
 - Capital is affordable for hospitals, and
 - Capital is fairly distributed.



Quokka

Sources: Hellowell M, Vecchi, V. 2012. "An Evaluation of the Projected Returns to Investors on 10 PFI Projects Commissioned by the NHS. ." *Financial Accountability and Management,* 28 (1): 77-100. Murray, C. Lauer J. Tandon A. Frenk J. 2001. "Overall Health System Achievement for 191 Countries." WHO http://www.who.int/healthinfo/paper28.pdf





Productive efficiency



WHO studies

Meta studies of Efficiency

Inputs for patient outcomes





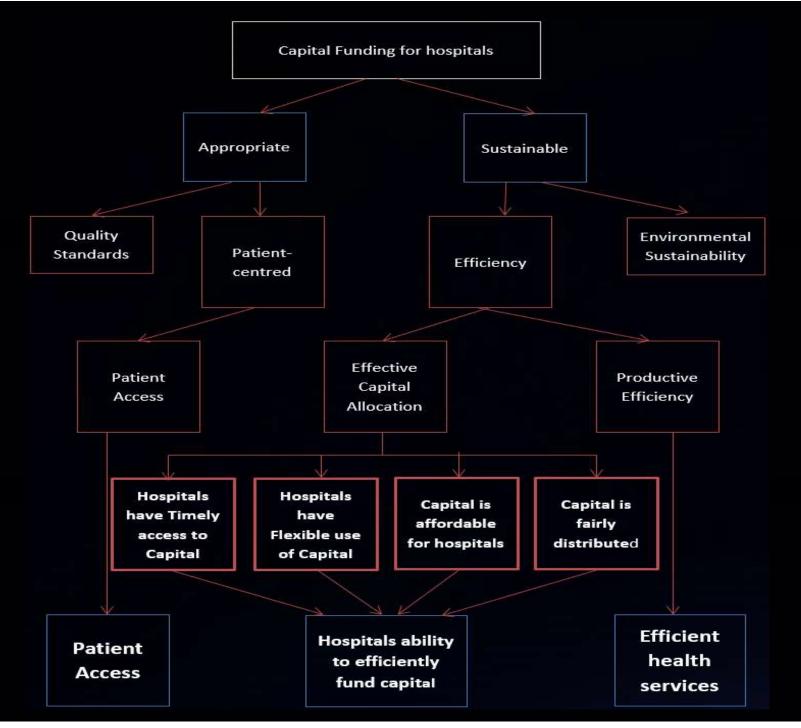
Sustainable hospitals of the future dynamic efficiency





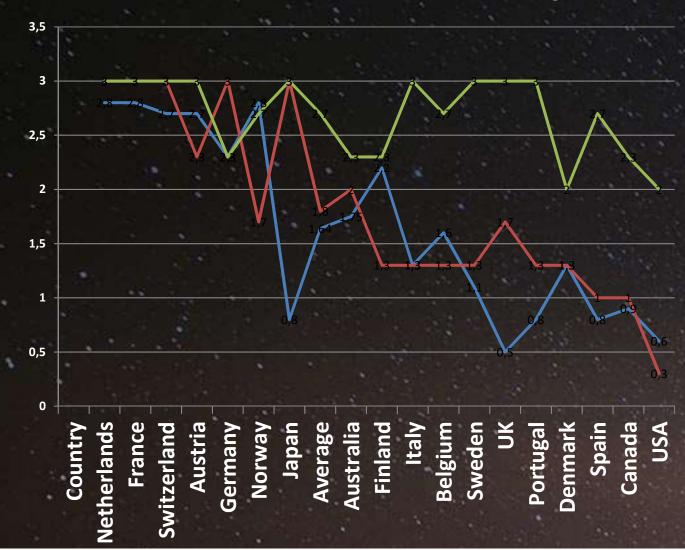








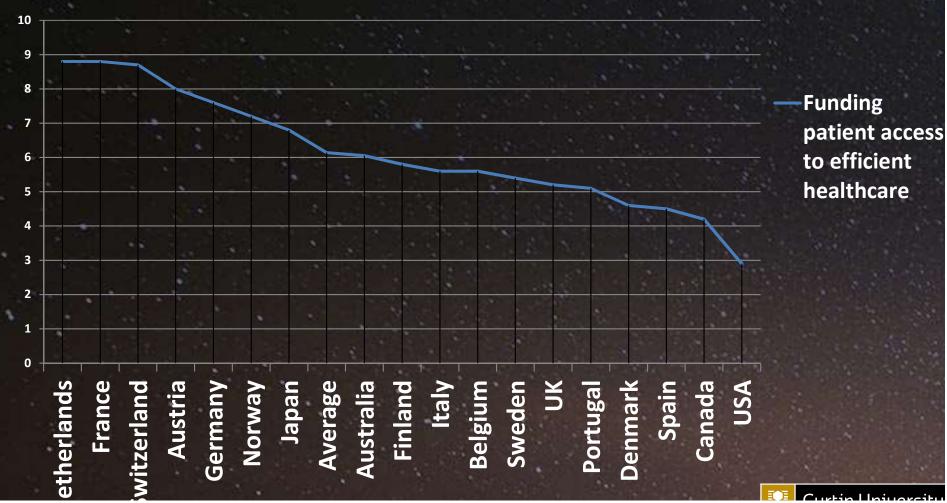
How well do nations fund patient access to efficient hospitals?

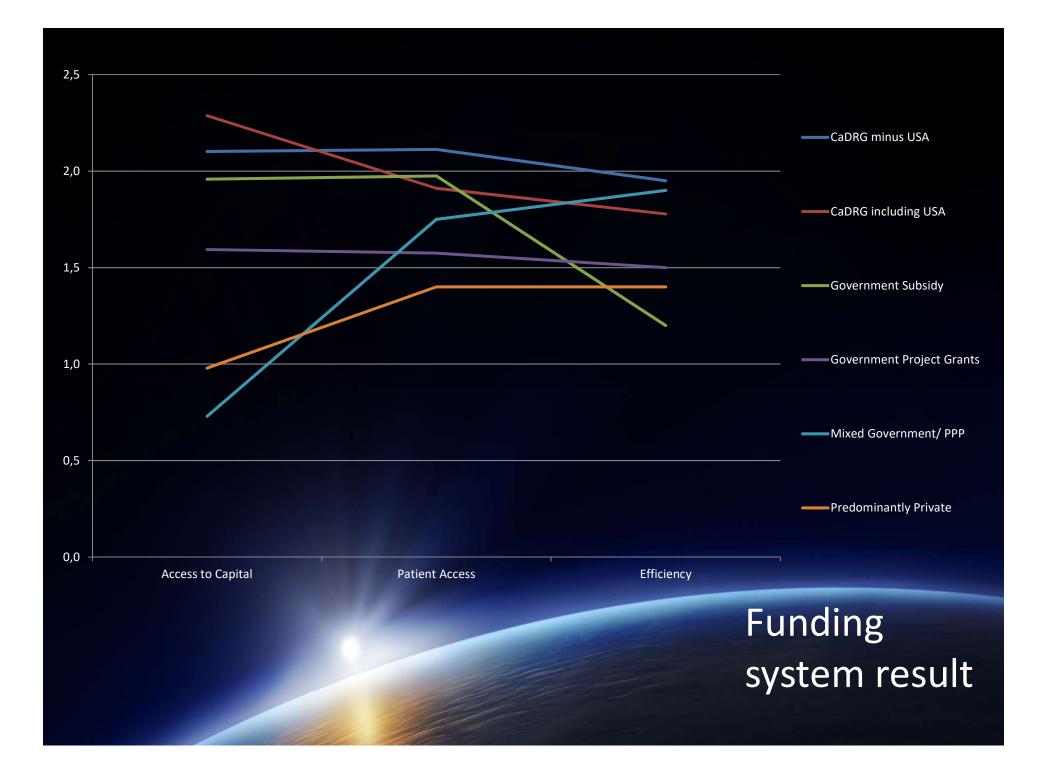


- Hospitalaccess tocapitalPatient Accessto hospital
- —Efficiency



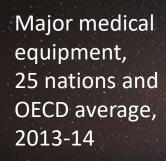
The effectiveness of funding patient access to efficient healthcare

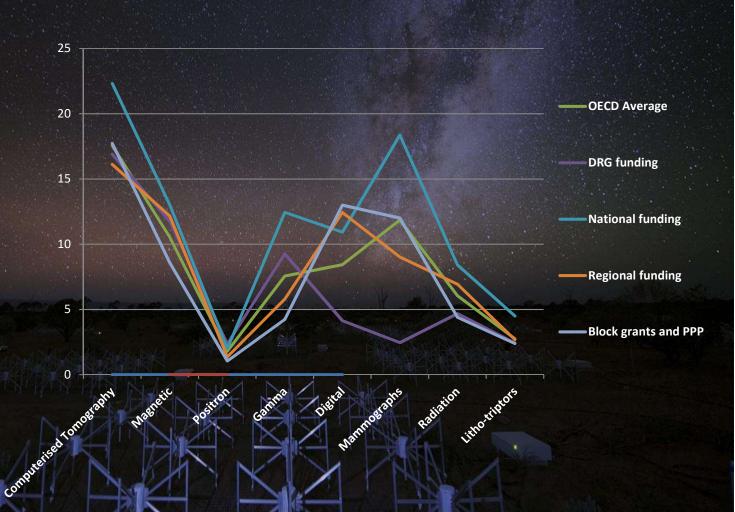






Most effective investment system

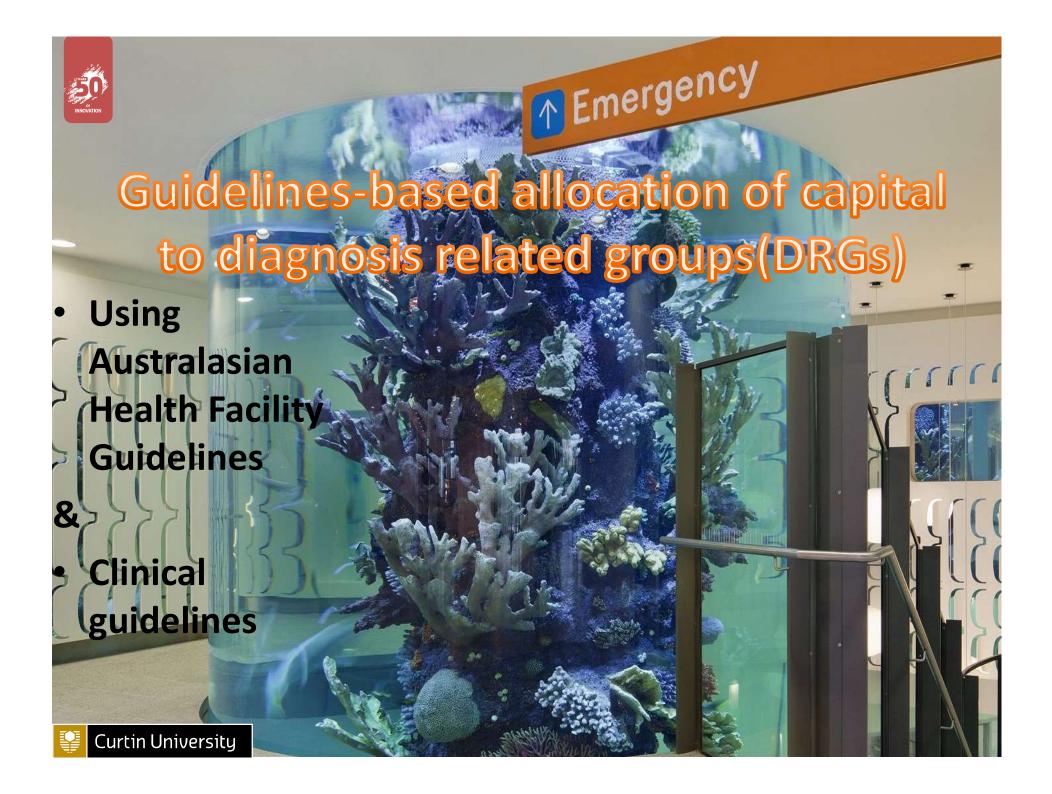




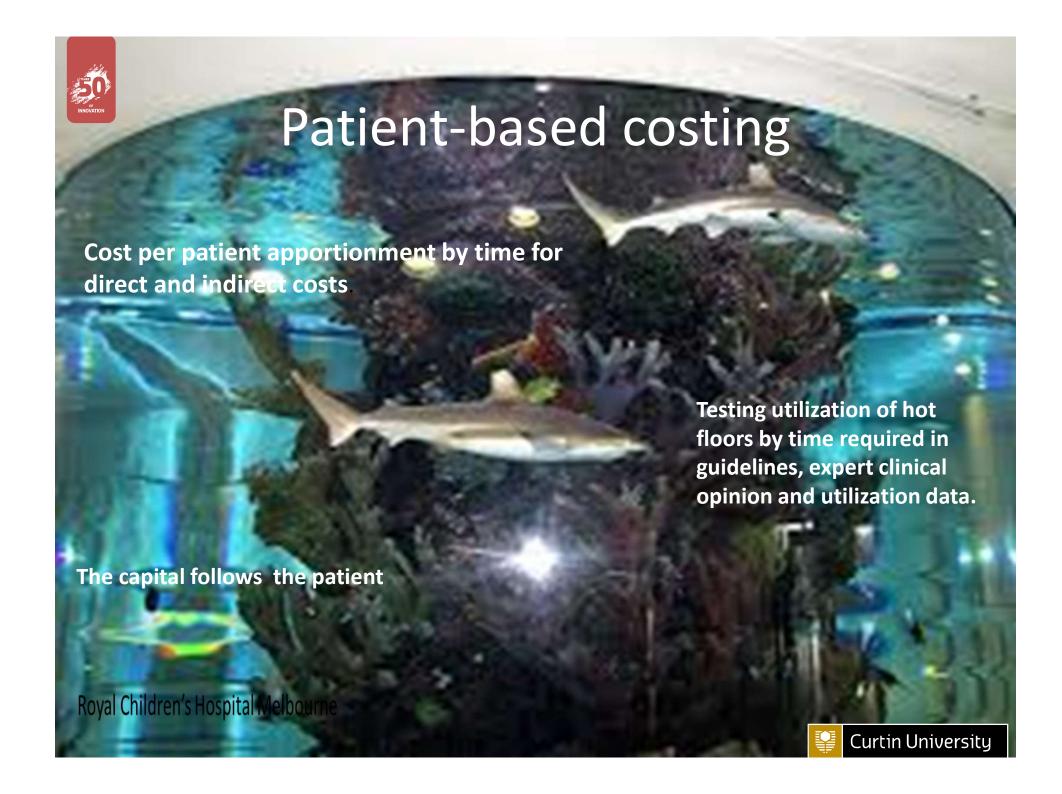














Conclusions

Sustainable health care is patient-based, clinically appropriate and demonstrates allocative, productive and dynamic efficiency

The most effective systems of capital investment for efficient patient care are diagnosis-based capital systems for both facilities and medical equipment

Testing facility and clinical guidelines capital costing has identified significantly different capital estimates to depreciation-based methods

Fiona Stanley Hospital, Perth





Are there any questions or comments?

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