

The ANZICS CORE Registries

Local, National,
International and
Global Intensive Care

David Pilcher

ANZICS CORE & The Alfred Hospital



Peter Hicks
Chair CORE



David Pilcher
Adult Patient Database



Sue Huckson
Manager CORE



Ed Litton,
Critical Care
Resources Registry



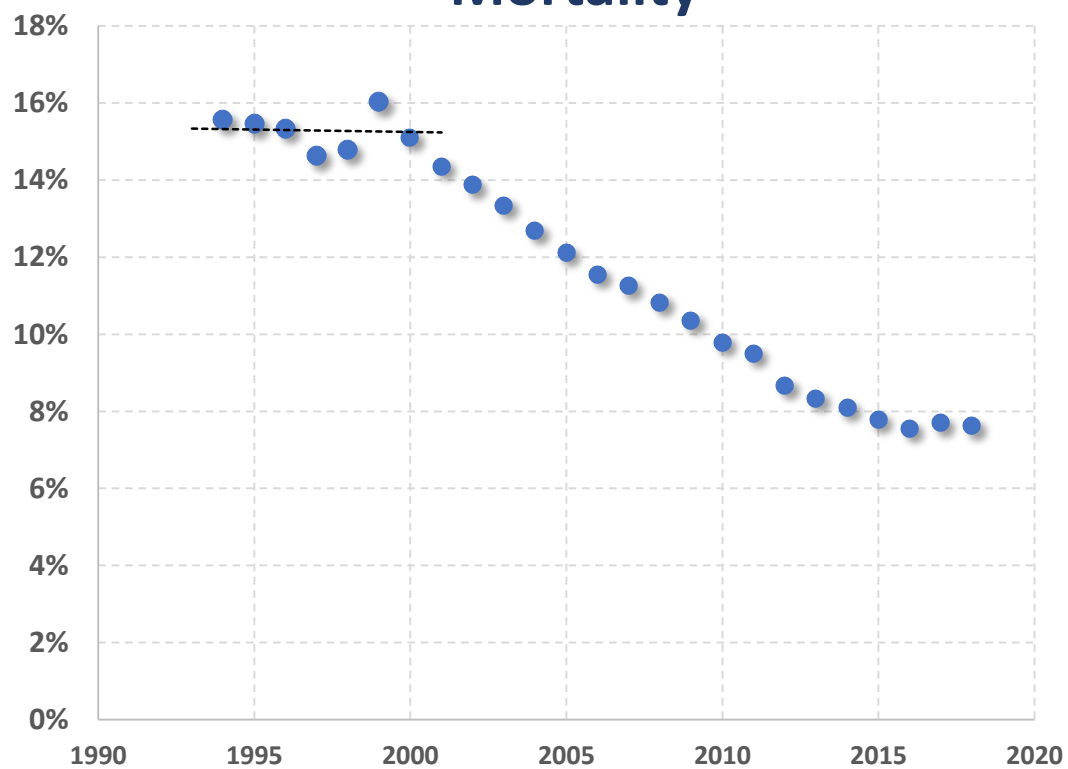
Johnny Millar
Paediatric
Intensive Care Registry

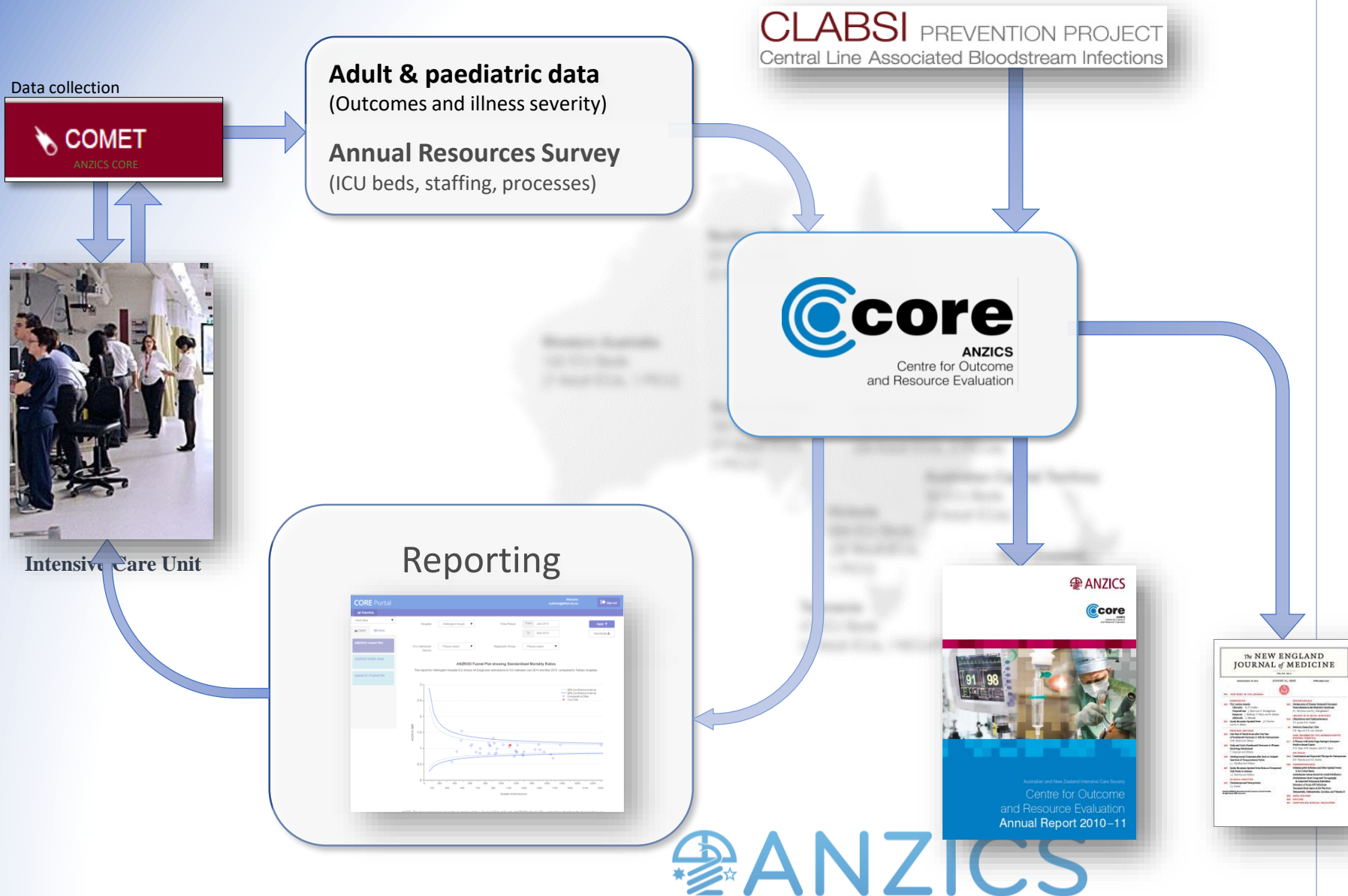


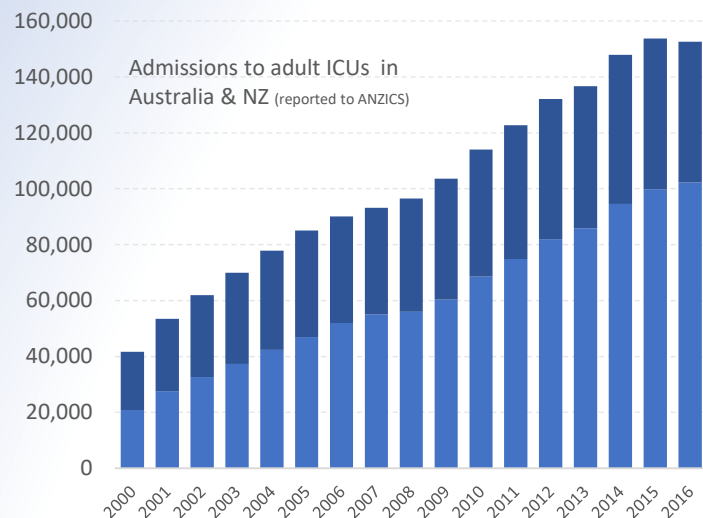
Alastair McGeorge
Adult Patient
Database



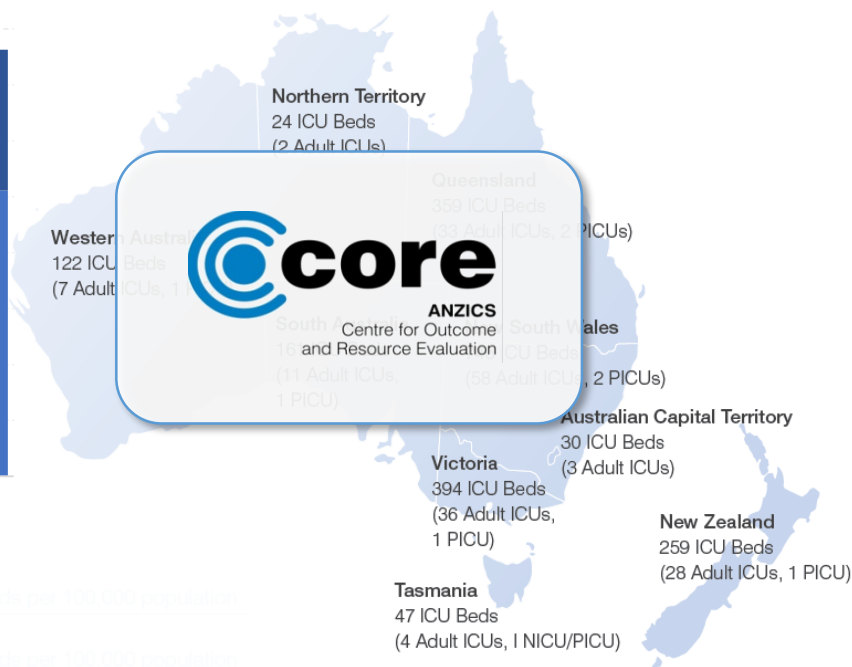
Mortality







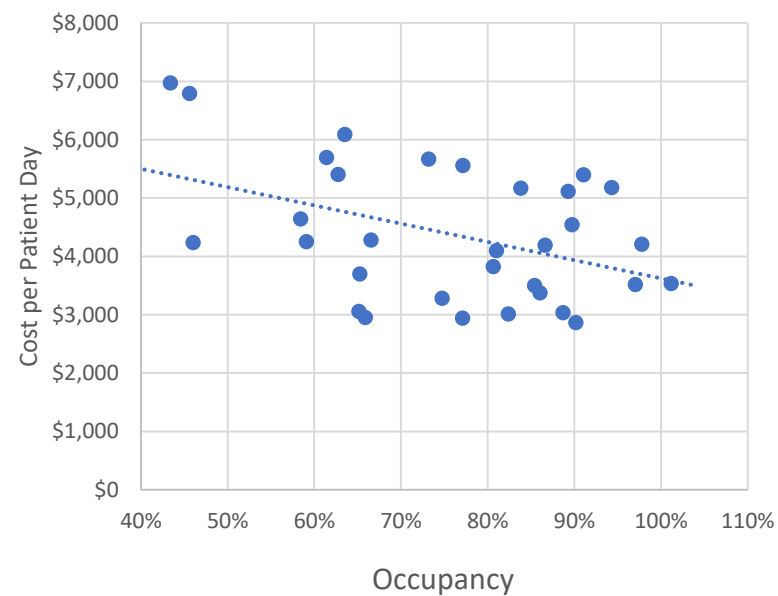
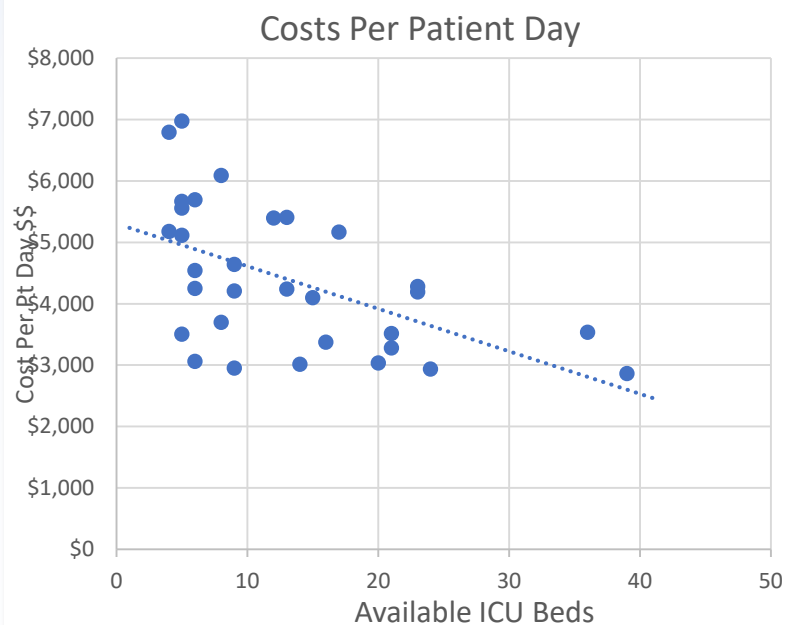
160,000 admissions to adult ICUs
 20,000 admissions to paediatric ICUs
 Over 2 million ICU admissions listed in the ANZICS CORE database



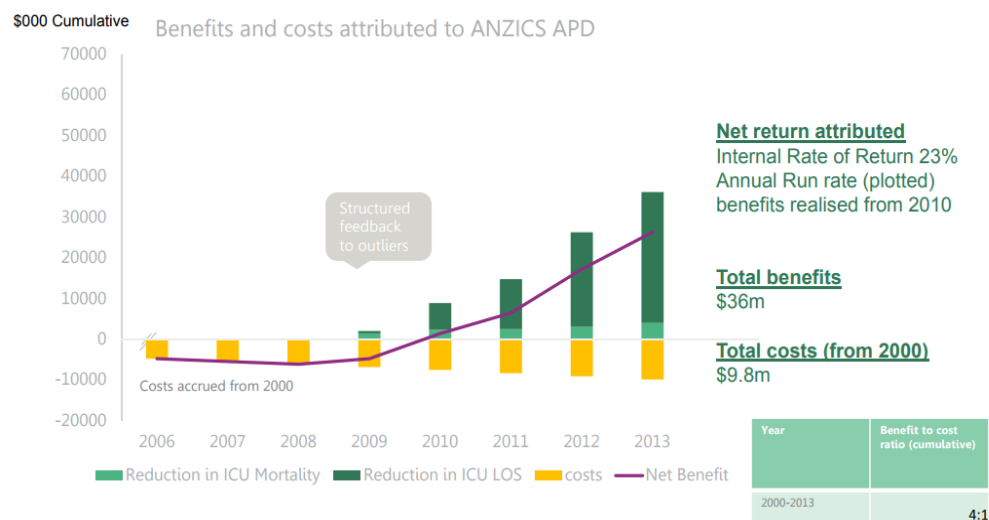




\$4200



ANZICS APD outlier management program shows net attributed benefits of \$26m in its 4 years of operation



\$4 saved for every **\$1** spent on the registry

166 ICUs

3446 routine SMR funnel plot reports

27 outliers

18 data quality, 16 case mix, 11 resources

6 ICUs outliers for more than 1 year
1 ICU outlier more than 3 years

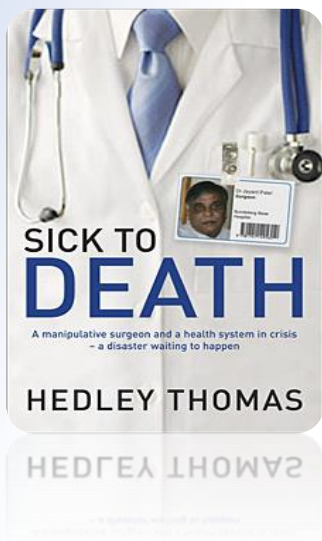
Thank you, thank you. We have been trying to tell them we need more resources, otherwise patients will suffer.

I have to get this data right, otherwise it means we are killing people.

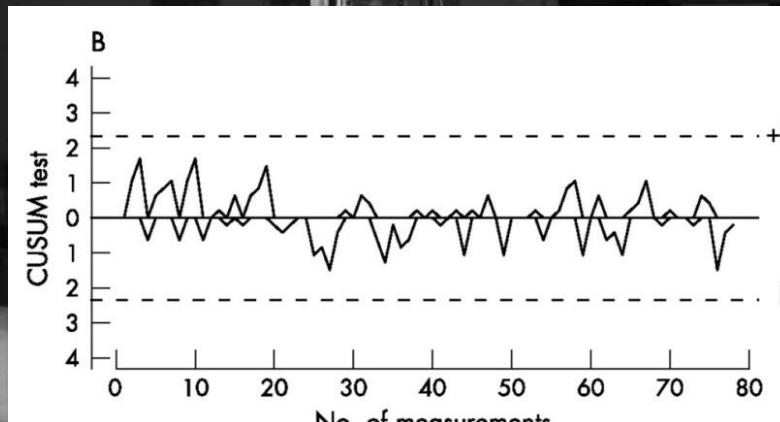
There are 3 or 4 patients who were going to die anyway. You should just take them out.

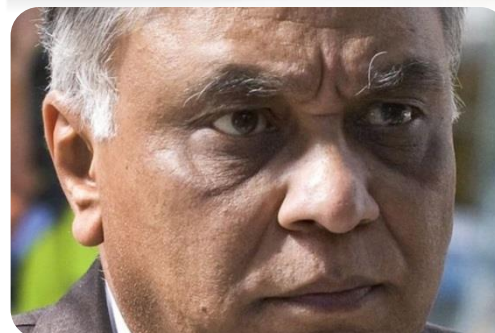
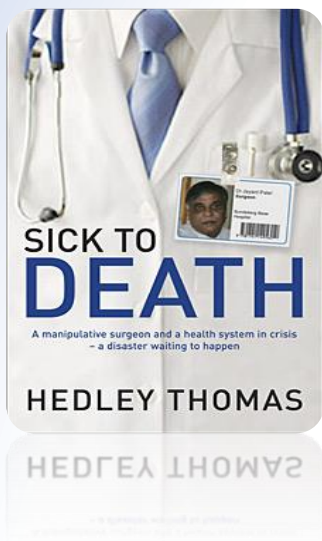
Are you trying to take our hospital down?

“ ”

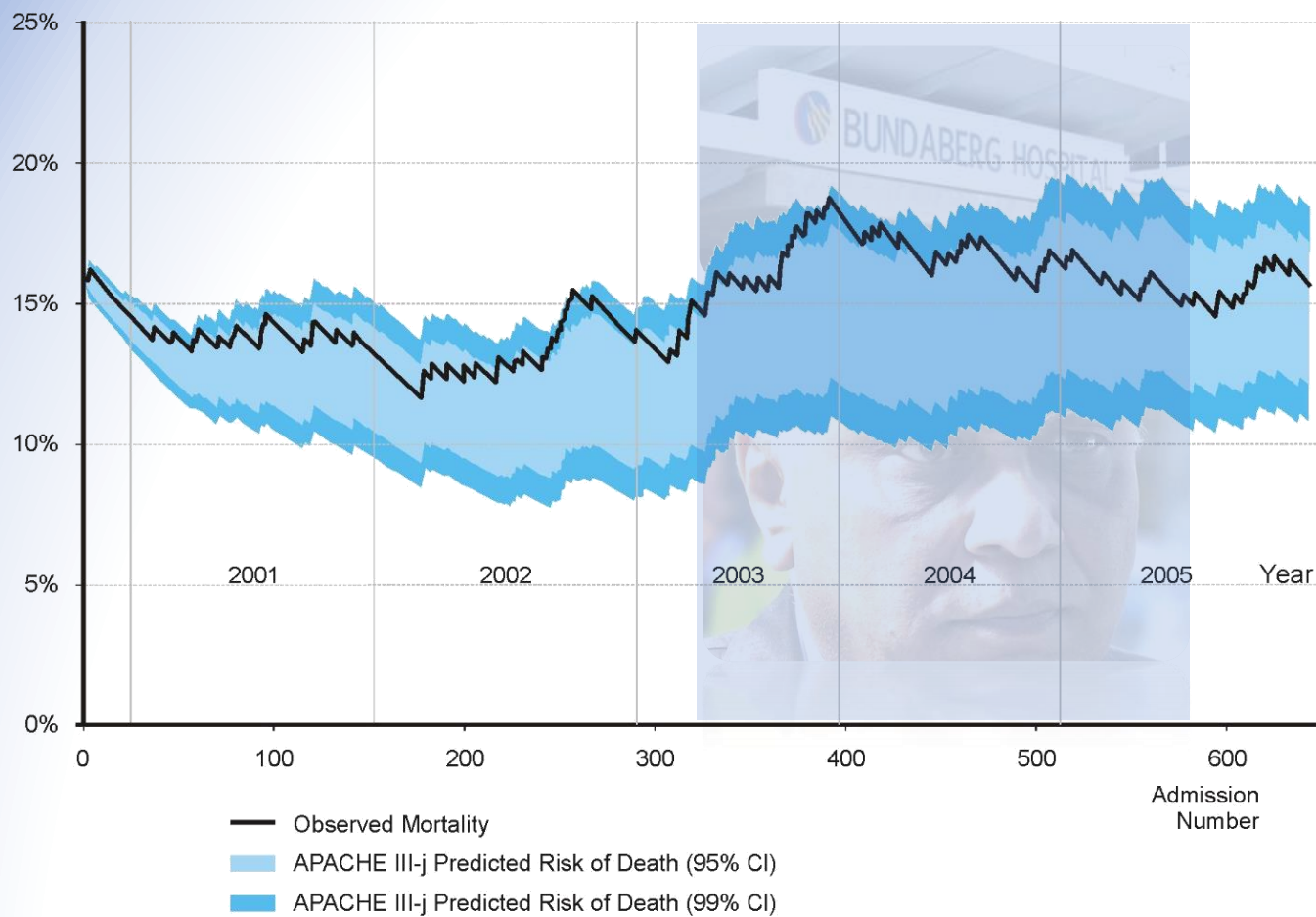


Can continuous outcome monitoring techniques be applied to Australian and New Zealand ICUs?



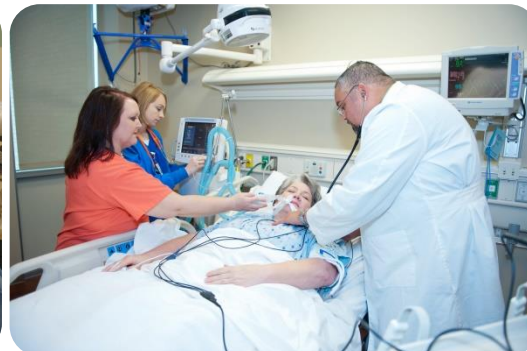


Can continuous outcome monitoring techniques be applied to Australian and New Zealand ICUs?



**predicted
risk of death**
at hospital admission

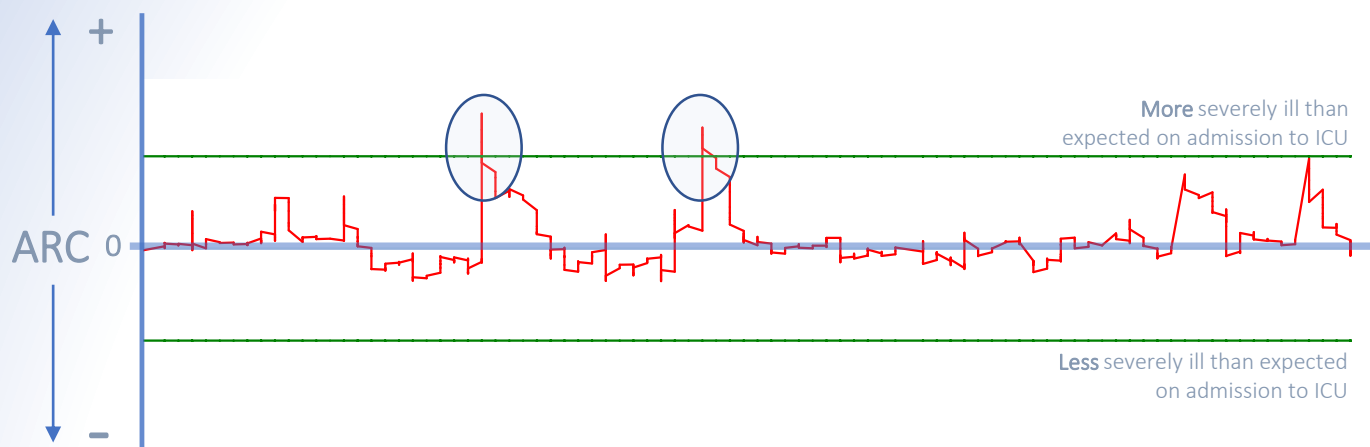
**predicted
risk of death**
on admission to ICU



Acute Risk Change

A new concept for monitoring elective
surgical admissions to the ICU
25,398 cardiac surgery ICU admissions 2008-2013

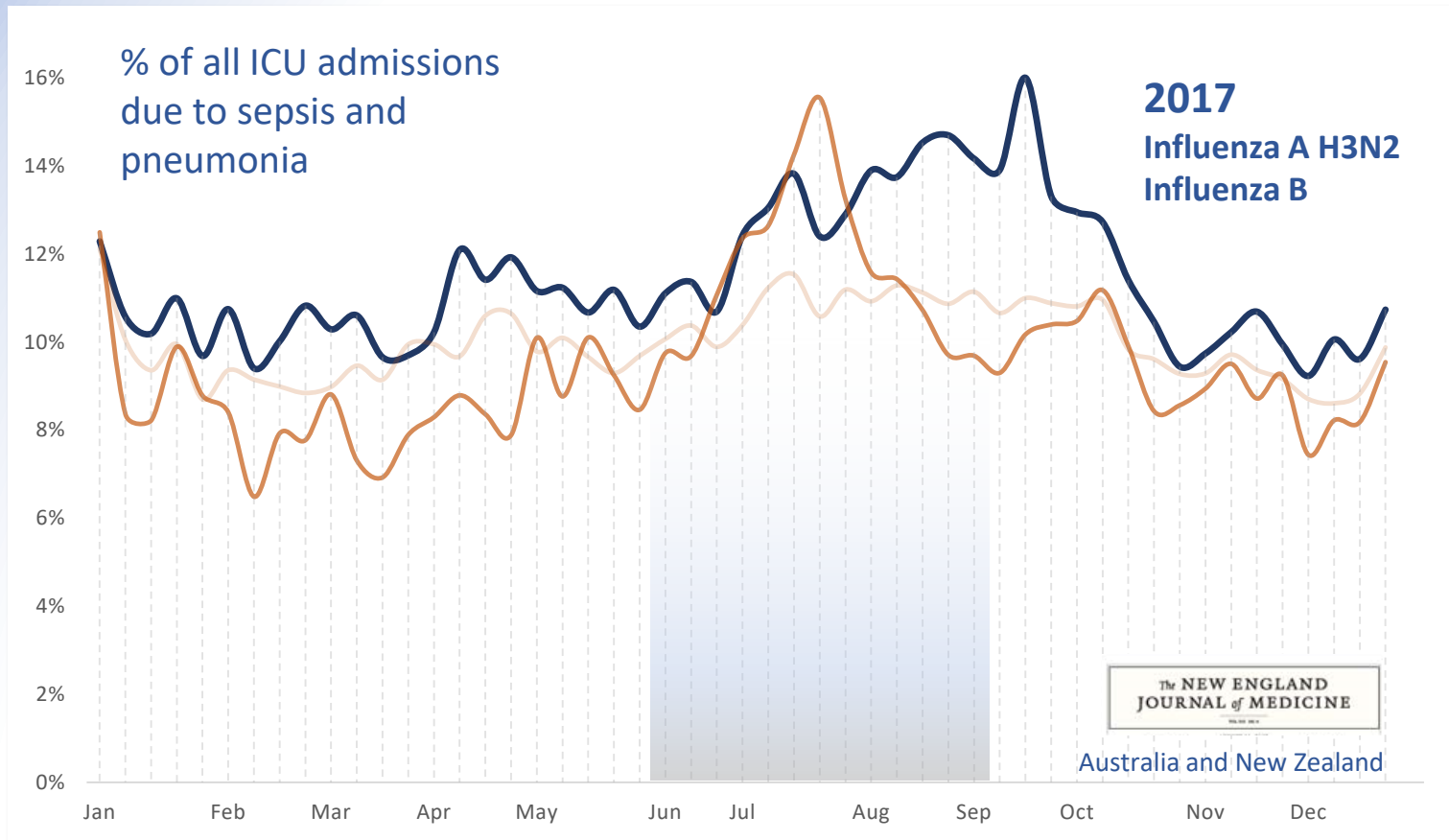




Acute Risk Change

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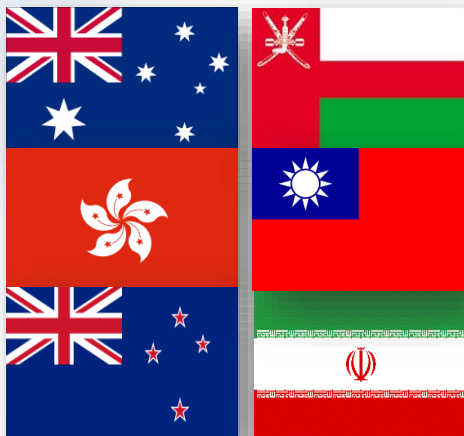
Australia and New Zealand

ANZICS CORE Research

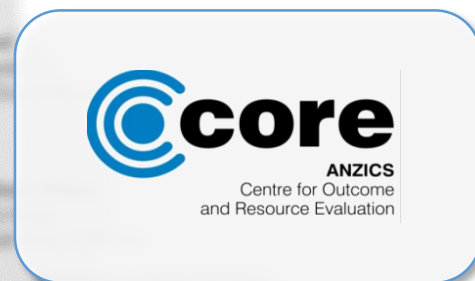
15-20 peer reviewed publications per year



Contributors



Collaborators



The ANZICS Critical Care Datathon

Melbourne, Sydney, Bendigo.....Brisbane 22nd & 23rd June

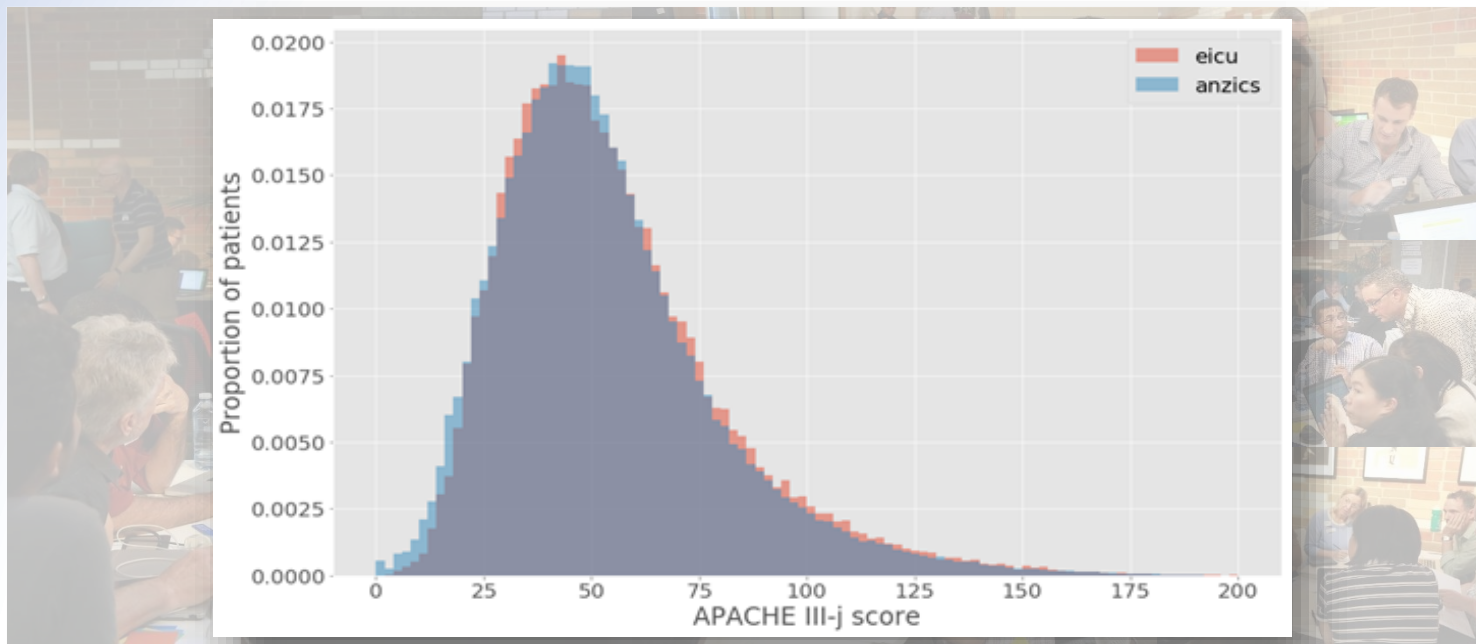


pitch an idea



The ANZICS Critical Care Datathon

Melbourne, Sydney, Bendigo.....Brisbane 22nd & 23rd June



teams and mentors


ANZICS core
 Adult Patient Database
 285,807 ICU admissions
 163 hospitals


PHILIPS eICU
 Program
 200,859 ICU admissions
 156 hospitals

 **ANZICS**

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winner


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Benchmarking to improve patient outcomes

Research to improve
benchmarking

Local, National
International

@IntensiveDave

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Thank You

Any questions?

In memory of
Peter Hicks



@IntensiveDave
d.pilcher@alfred.org.au