The ANZICS CORE Registries

Local, National, International and Global Intensive Care







Sue Huckson Manager CORE













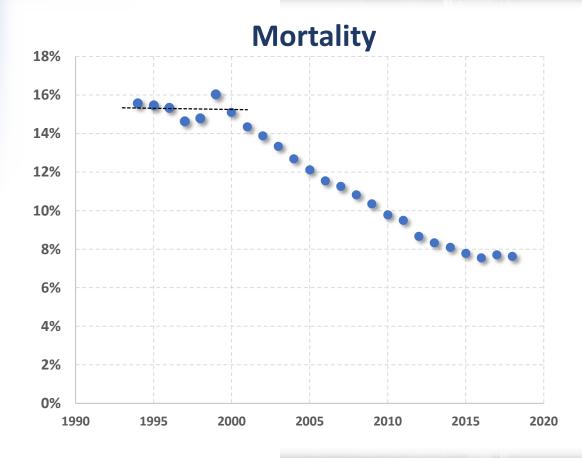
Johnny Millar Paediatric **Intensive Care Registry**



Alastair McGeorge Adult Patient Database











Adult & paediatric data

(Outcomes and illness severity)

Annual Resources Survey

(ICU beds, staffing, processes)



CLABSI PREVENTION PROJECT Central Line Associated Bloodstream Infections

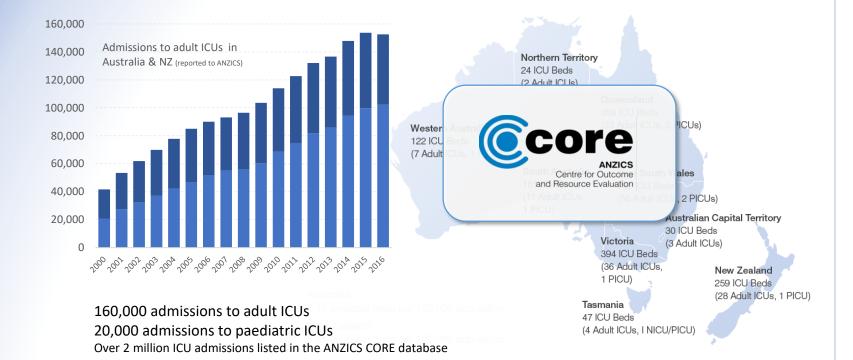
Intensive Care Unit



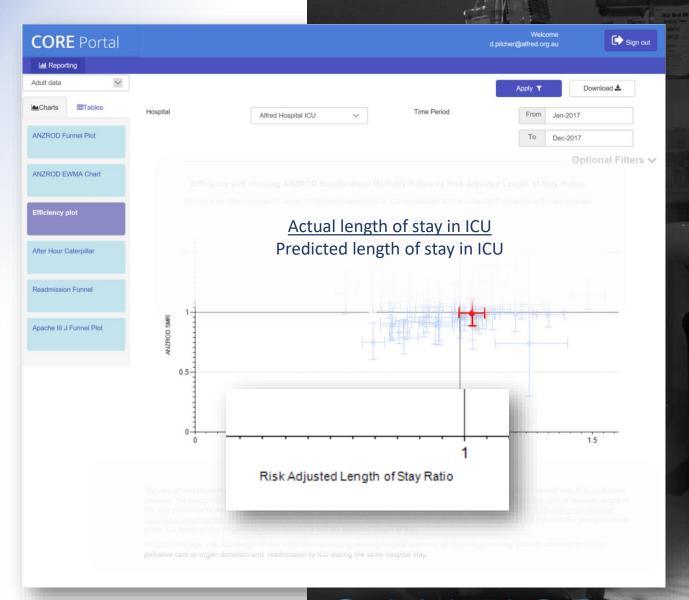




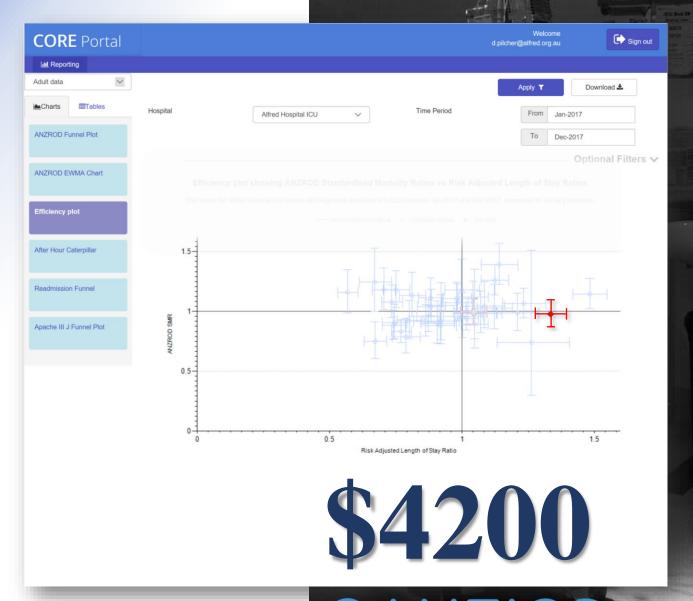






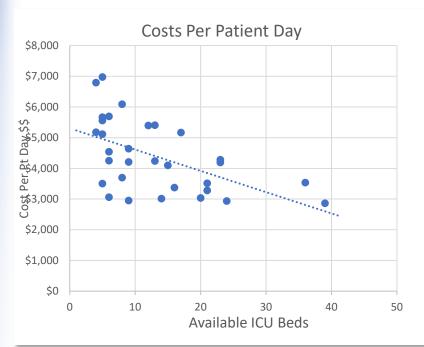


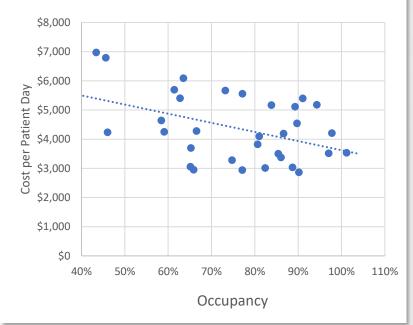




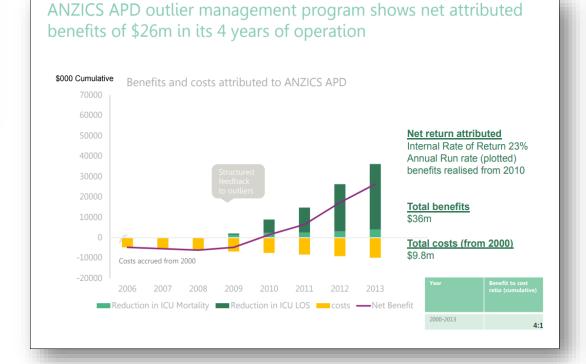
PANZICS











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

PANZICS



166 ICUs

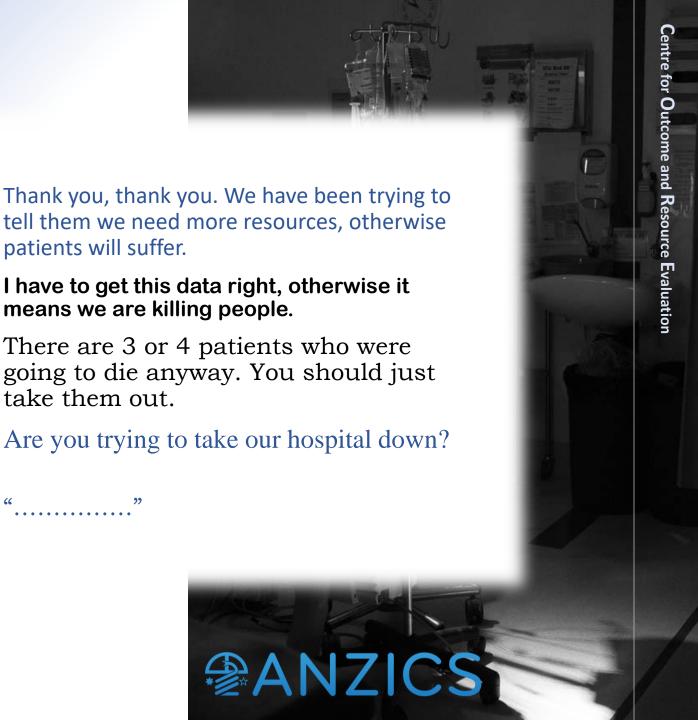
3446 routine SMR funnel plot reports

27 outliers

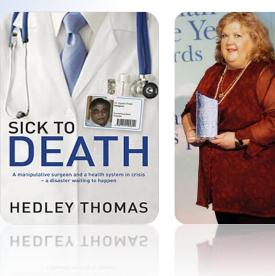
18 data quality, 16 case mix, 11 resources

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

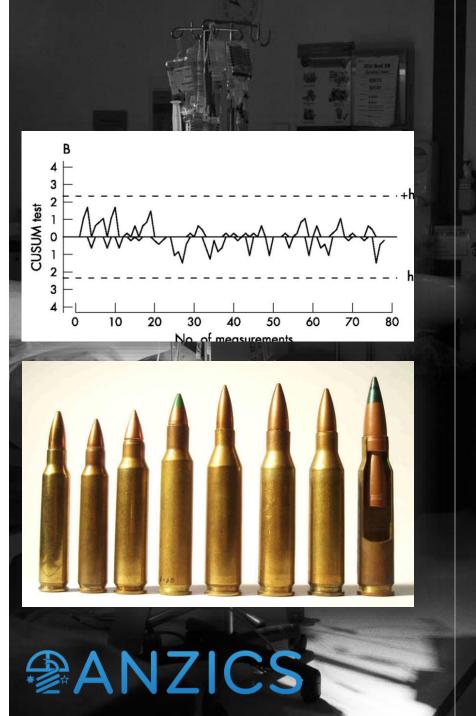




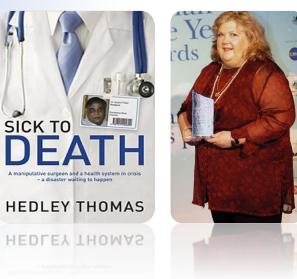




Can continuous outcome monitoring techniques be applied to Australian and New Zealand ICUs?



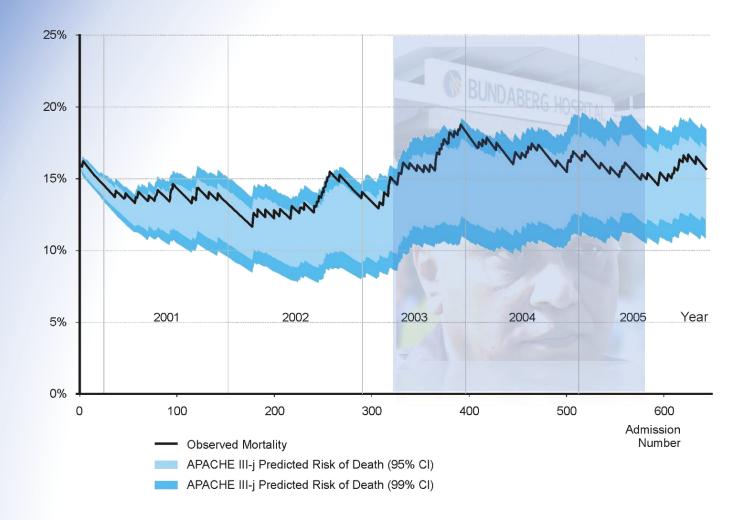






Can continuous outcome monitoring techniques be applied to Australian and New Zealand ICUs?







predicted risk of death

at hospital admission

predicted risk of death on admission to ICU



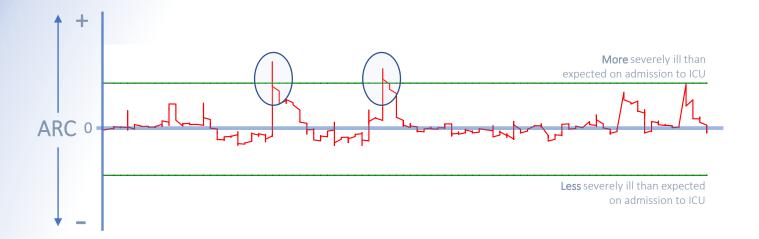


Acute Risk Change

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





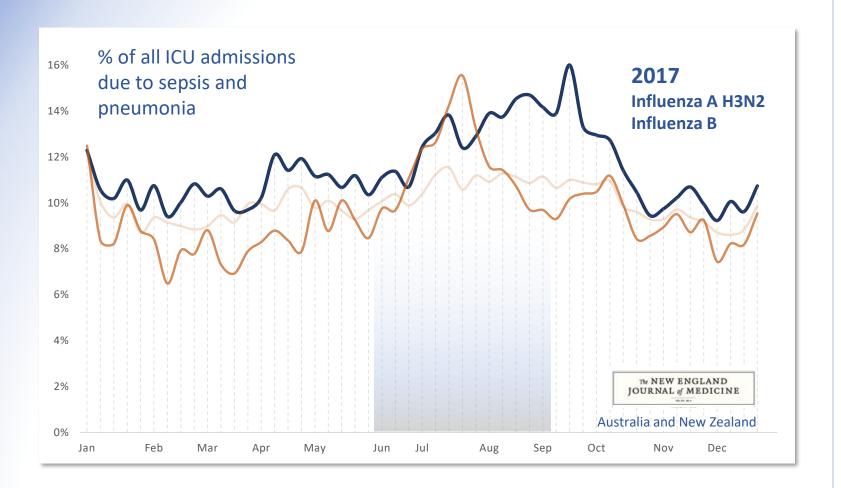


Acute Risk Change

A new concept for monitoring elective surgical admissions to the ICU

25,398 cardiac surgery ICU admissions 2008-2013







The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

Systemic Inflammatory Response Syndrome Criteria in Defining Severe Sepsis

Kirsi-Maija Kaukonen, M.D., Ph.D., Michael Bailey, Ph.D., David Pilcher, F.C.I.C.M., D. Jamie Cooper, M.D., Ph.D., and Rinaldo Bellomo, M.D., Ph.D.

Research

Original Investigation | CARING FOR THE CRITICALLY ILL PATIENT

Mortality Related to Severe Sepsis and Septic Shock Among Critically III Patients in Australia and New Zealand, 2000-2012

Kirsi-Maija Kaukonen, MD, PhD, EDIC; Michael Bailey, PhD; Satoshi Suzuki, MD; David Pilcher, FCICI

Research

JAMA | Original Investigation | CARING FOR THE CRITICALLY ILL PATIENT

Prognostic Accuracy of the SOFA Score, SIRS Criteria, and qSOFA Score for In-Hospital Mortality Among Adults With Suspected Infection Admitted to the Intensive Care Unit

Earmon P. Raith, MBBS, MACCP; Andrew A. Udy, MBChB, PhD, FCICM; Michael Balley, PhD; Steven McGloughlin, BMed FRACP, FCICM, MPHTM. Christopher Macissac, MBBS, PhD, FRACP, FCICM; Binaido Bellomo, MD, FRACP, FCICM, FAHMS; David V, Picher, MBBS, FRACP, FCICM, for the Australian and New Zaaland Intensive Care Society (AVIZSIS) Centre For Outcomes and Resource Evaluation (CORE)

ORIGINAL

Prognostic accuracy of age-adapted SOFA, SIRS, PELOD-2, and qSOFA for in-hospital mortality among children with suspected infection admitted to the intensive care unit

 $Luregn \ J. \ Schlapbach^{1,2,3,4^\bullet} \textcircled{o}, Lahn \ Straney^4, \ Rinaldo \ Bellomo^{5,6}, \ Graeme \ MacLaren^{5,7,8} \ and \ David \ Pilcher^{9,10,1} \ Annual Pilcher^{9,10,$

™ NEW ENGLAND JOURNAL of MEDICINE

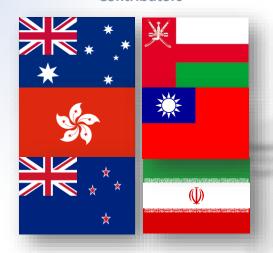
Australia and New Zealand

ANZICS CORE Research

15-20 peer reviewed publications per year



Contributors











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



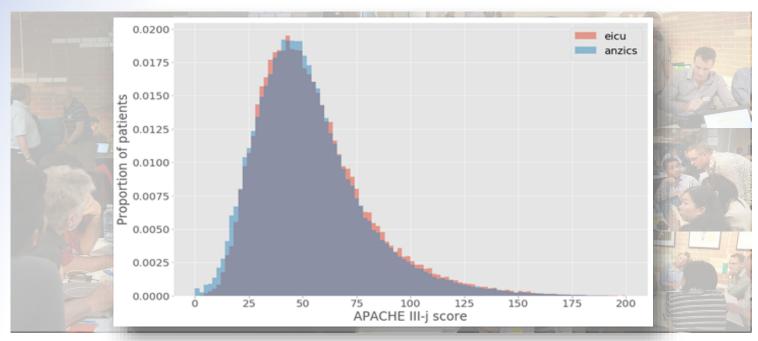




pitch an idea



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







teams and mentors



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







200,859 ICU admissions 156 hospitals winner



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







Benchmarking to improve patient outcomes

Research to improve benchmarking

Local, National International





In memory of Peter Hicks

