

## AuSCR Research Task Group approved projects

<b>Title</b>	<b>John Hunter Hospital (JHH) and Tamworth Rural Referral Hospital (TRRH) Stroke Mortality Independent Report</b>
<b>Principle investigator</b>	Professor Chris Levi
<b>Institute</b>	John Hunter Hospital
<b>Co-investigators</b>	Ms Louise Jordan, Dr Neil Spratt, Mr Malcolm Evans, Ms Annalese Johnson
<b>Submission date</b>	13 September 2016
<b>AuSCR role</b>	Data provision and analysis
<b>Approved</b>	18 January 2017
<b>Status</b>	Completed
<b>Summary</b>	<p>A Bureau of Health Information (BHI) Unwarranted Clinical Variation Report including Stroke Mortality at 30 days will be published in November 2016. A previous BHI Report published in 2013 showed both the John Hunter Hospital (JHH) and Tamworth Rural Referral Hospital (TRRH) as having higher than state level stroke mortalities.</p> <p>In preparation for the 2016 release of data, HNELHD Hub Stroke Services would like to seek an independent evaluation of HNELHD 30 day mortality compared to peer hospitals and adjusted for stroke severity. It is proposed that the Australian Stroke Clinical Registry (AuSCR), which is a national data registry that evaluates stroke outcomes including mortality and service delivery be utilised in this process.</p>
<b>Outcomes</b>	The results as described above allowed the HNE Stroke Steam to provide an evidence-based response to reassure the HNE LHD senior management as to the standard of stroke care in their organisation and to “educate” the NSW BHI on best practice methods for standardised mortality rate adjustment.
<b>Publications</b>	<p>The report was used for internal purposes, however, this work stimulated interest and contributed to the 2017 MJA publication from the AuSCR team.</p> <p>Cadilhac DA, Kilkenny MF, Levi CR, Lannin NA, Thrift AG, Kim J, Grabsch B, Churilov L, Dewey HM, Hill K, Faux SG, Grimley R, Castley H, Hand PJ, Wong A, Herkes GK, Gill M, Crompton D, Middleton S, Donnan GA, Anderson CS. <b>Risk-adjusted hospital mortality rates for stroke: evidence from the Australian Stroke Clinical Registry (AuSCR).</b> <i>Medical Journal of Australia</i> 2017 May 1;206(8):345-350. <a href="https://doi.org/10.5694/mja16.00525">https://doi.org/10.5694/mja16.00525</a></p> <p>The outcomes of this commissioned report were commented on by Dr Norman Swan on the Radio National Health report – <a href="http://www.abc.net.au/radionational/programs/healthreport/using-data-to-choose-your-hospital/8486908">http://www.abc.net.au/radionational/programs/healthreport/using-data-to-choose-your-hospital/8486908</a></p>