Emergency Department Publications

JOURNAL ARTICLES

2018

Detectable High-Sensitivity Cardiac Troponin within the Population Reference Interval Conveys High 5-Year Cardiovascular Risk

Than MP, Aldous SJ, Troughton RW, Pemberton CJ, Richards AM, Frampton CMA, Florkowski CM, George PM, Bailey S, Young JM, Cullen L, Greenslade JH, Parsonage WA, Everett BM, Peacock WF, Jaffe AS, Pickering JW. *Clinical Chemistry* May 2018.

Evaluating Rapid Rule-out of Acute Myocardial Infarction by Use of a High-Sensitivity Cardiac Troponin I Assay at Presentation.

Greenslade J, Cho E, Van Hise C, Hawkins T, Parsonage W, Ungerer J, Tate J, Pretorius C, Than M, Cullen L. *Clinical Chemistry*. 2018 Jan 1:clinchem-2017.

2017

Prohormones in the Early Diagnosis of Cardiac Syncope

Badertscher P, Nestelberger T, de Lavallaz JD, Than M, Morawiec B, Kawecki D, Miró Ò, López B, Martin-Sanchez FJ, Bustamante J, Geigy N. *Journal of the American Heart Association*. 2017 Dec 1;6(12):e006592

Modification of the Thrombolysis in Myocardial Infarction risk score for patients presenting with chest pain to the emergency department.

Greenslade JH, Chung K, Parsonage WA, Hawkins T, Than M, Pickering JW, Cullen L. *Emergency Medicine Australasia*. 2017.

Efficacy of high-sensitivity troponin T in identifying very-low-risk patients with possible acute coronary syndrome.

Peacock WF, Baumann BM, Bruton D, Davis TE, Handy B, Jones CW, Hollander JE, Limkakeng AT, Mehrotra A, Than M, Ziegler A. *JAMA cardiology*. 2017 Dec 13.

Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome.

Chapman AR, Lee KK, McAllister DA, Cullen L, Greenslade JH, Parsonage W, Worster A, Kavsak PA, Blankenberg S, Neumann J, Söerensen NA. *Journal of the American Medical Assocation*. 2017 Nov 11.

A risk assessment score and initial high-sensitivity troponin combine to identify low-risk of acute myocardial infarction in the emergency department.

Pickering JW, Flaws D, Smith SW, Greenslade J, Cullen L, Parsonage W, Carlton E, Richards AM, Troughton R, Pemberton C, George PM, Than MP. *Academic Emergency Medicine*. 2017 Nov 13.

ICare-ACS (Improving Care Processes for Patients With Suspected Acute Coronary Syndrome): A Study of Cross-System Implementation of a National Clinical Pathway.

Than MP, Pickering JW, Dryden JM, Lord SJ, Aitken SA, Aldous SJ, Allan KE, Ardagh MW, Bonning JW, Callender R, Chapman LR. *Circulation*. 2017 Nov 14:CIRCULATIONAHA-117.

External validation of heart-type fatty acid binding protein, high-sensitivity cardiac troponin, and electrocardiography as rule-out for acute myocardial infarction.

Van Hise CB, Greenslade JH, Parsonage W, Than M, Young J, Cullen L. *Clinical biochemistry*. 2017 Oct 18.

Assessment of the 2016 National Institute for Health and Care Excellence high-sensitivity troponin rule-out strategy.

Carlton EW, Pickering JW, Greenslade J, Cullen L, Than M, Kendall J, Body R, Parsonage WA, Khattab A, Greaves K. *Heart*. 2017 Sep 1:heartjnl-2017.

Improved Assessment of Chest pain Trial (IMPACT): assessing patients with possible acute coronary syndromes.

Cullen L, Greenslade JH, Hawkins T, Hammett C, O'Kane S, Ryan K, Parker K, Schluter J, Dalton E, Brown AF, Than M. *The Medical Journal of Australia*. 2017 Sep 4;207(5):195-200.

Direct comparison of 2 rule-out strategies for acute myocardial infarction: 2-h accelerated diagnostic protocol vs 2-h algorithm.

Wildi K, Cullen L, Twerenbold R, Greenslade JH, Parsonage W, Boeddinghaus J, Nestelberger T, Sabti Z, Rubini-Giménez M, Puelacher C, Cupa J. *Clinical Chemistry*. 2017 Jul 1;63(7):1227-36.

Rapid Rule-out of Acute Myocardial Infarction With a Single High-Sensitivity Cardiac Troponin T Measurement Below the Limit of Detection: A Collaborative Meta-analysis

Pickering JW, Than MP, Cullen L, Aldous S, ter Avest E, Body R, Carlton EW, Collinson P, Dupuy AM, Ekelund U, Eggers KM. *Annals of Internal Medicine*. 2017 Apr 18.

Renal function and scaled troponin in patients presenting to the emergency department with symptoms of myocardial infarction.

Vasudevan A, Singer AJ, DeFilippi C, Headden G, Schussler JM, Daniels LB, Reed M, Than MP, Birkhahn R, Smith SW, Barrett TW. *American Journal of Nephrology*. 2017;45(4):304-9.

Validating the Manchester Acute Coronary Syndromes (MACS) and Troponin-only Manchester Acute Coronary Syndromes (T-MACS) rules for the prediction of acute myocardial infarction in patients presenting to the emergency department with chest pain.

Greenslade JH, Nayer R, Parsonage W, Doig S, Young J, Pickering JW, Than M, Hammett C, Cullen L. *Journal of Emergency Medicine*. 2017 Mar 28:emermed-2016.

Immediate rule-out of acute myocardial infarction using electrocardiogram and baseline high-sensitivity troponin I.

Neumann JT, Sörensen NA, Ojeda F, Schwemer T, Lehmacher J, Gönner S, Jarsetz N, Keller T, Schaefer S, Renné T, Landmesser U. *Clinical Chemistry*. 2017 Jan 1:clinchem-2016.

National audit of the quality of pain relief provided in emergency departments in Aotearoa, New Zealand: The PRIZED 1 Study.

New Zealand Emergency Medicine Network. Emergency medicine Australasia: EMA. 2017 Jan 13.

Missed myocardial infarctions in ED patients prospectively categorized as low risk by established risk scores.

Singer AJ, Than MP, Smith S, McCullough P, Barrett TW, Birkhahn R, Reed M, Thode HC, Arnold WD, Daniels LB, de Filippi C. *The American Journal of Emergency Medicine*. 2017 Jan 5.

The small number problem in diagnostic algorithms and why we need to bootstrap Pickering JW, Than MP. *Clinical Biochemistry*. 2017 Feb 10.

2016

Does Uric Acid Level Provide Additional Risk Stratification Information in Emergency Patients With Symptoms of Possible Acute Coronary Syndrome?

Jin H, Greenslade JH, Parsonage WA, Hawkins T, Than M, Cullen L. *Critical Pathways in Cardiology*. 2016 Dec 1;15(4):169-73.

Acute Kidney Injury and mortality prognosis in Acute Coronary Syndrome patients: A metaanalysis

Pickering JW, Blunt IR, Than MP. Nephrology. 2016 Jan 1.

Assessment of the European Society of Cardiology 0 Hour/1 Hour Algorithm to Rule Out and Rule In Acute Myocardial Infarction

Pickering JW, Greenslade JH, Cullen L, Flaws D, Parsonage W, Aldous S, George P, Worster A, Kavsak PA, Than MP. *Circulation*. 2016 Oct 17:CIRCULATIONAHA-116

Admission glycaemia and its association with acute coronary syndrome in Emergency Department patients with chest pain.

Gardner LS, Nguyen-Pham S, Greenslade JH, Parsonage W, D'Emden M, Than M, Aldous S, Brown A, Cullen L. *Emergency Medicine Journal*. 2014 Oct 24: emermed-2014.

The effects of relocation and level of affectedness on mood and anxiety symptom treatments after the 2011 Christchurch earthquake.

Hogg D, Kingham S, Wilson TM, Ardagh. Social Sciences and Medicine 152, 18-26

Impact of integrated health system changes, accelerated due to an earthquake, on emergency department attendances and acute admissions: a Bayesian change-point analysis.

Schluter PJ, Hamilton GJ, Delley JM, Ardagh MW. BMJ open 6 (5), e010709

Traditionally taught clinical variables and risk factors perform poorly in the prediction of acute coronary syndromes in the emergency department.

Than M. Evidence Based Medicine. 2016 Sep 6:ebmed-2015.

The effects of spatially varying earthquake impacts on mood and anxiety symptom treatments among long-term Christchurch residents following the 2010/11 Canterbury earthquakes, New Zealand.

Hogg D, Kingham S, Wilson TM, Ardagh M. Health and Place 41, 78-88

Spatio-temporal variation of mood and anxiety symptom treatments in Christchurch in the context of the 2010/11 Canterbury earthquake sequence.

Hogg D, Kingham S, Wilson TM, Ardagh M. Spatial and spatio-temporal epidemiology 19, 91-102.

Agreement Between Patient-reported and Cardiology-adjudicated Medical History in Patients With Possible Ischemic Chest Pain: An Observational Study.

Iliceto A, Berndt SL, Greenslade JH, Parsonage WA, Hammett C, Than M, Hawkins T, Parker K, O'Kane S, Cullen L. *Critical Pathways in Cardiology*. 2016 Sep 1;15(3):121-5.

Heart Fatty Acid Binding Protein and cardiac troponin: development of an optimal rule-out strategy for acute myocardial infarction.

Young JM, Pickering JW, George PM, Aldous SJ, Wallace J, Frampton CM, Troughton RW, Richards MA, Greenslade JH, Cullen L, Than MP. *BMC Emergency Medicine*. 2016 Aug 31;16(1):34.

"State-of-the-Art Evaluation of Emergency Department Patients Presenting With Potential Acute Coronary Syndromes."

Hollander, Judd E., Martin Than, and Christian Mueller. Circulation 134.7 (2016): 547-564.

Prognostic impact of atrial fibrillation in the emergency chest pain presentation.

Lancini D, Martin P, Cullen L, Greenslaide J, Hammett J, Prasad S, Than M, Parsonage W. *Heart, Lung and Circulation*. 2016 Aug 1;25:S275-6.

External validation of the emergency department assessment of chest pain score accelerated diagnostic pathway (EDACS-ADP).

Flaws D, Than M, Scheuermeyer FX, Christenson J, Boychuk B, Greenslade JH, Aldous S, Hammett CJ, Parsonage WA, Deely JM, Pickering JW. *Emergency Medicine Journal*. 2016 Jul 12:emermed-2015.

The VHOT (Vindaloo Hastens Outpouring of Troponins) Study.

Tankel AS, Nagree Y, Jones P, Mountain D, Macdonald SP, Hill P, Than M. *Emergency Medicine Australasia*. 2016 Oct 1.

Evaluation of High-Sensitivity Cardiac Troponin I Levels in Patients With Suspected Acute Coronary Syndrome.

Carlton E, Greenslade J, Cullen L, Body R, Than M, Pickering JW, Aldous S, Carley S, Hammett C, Kendall J, Keevil B. *JAMA Cardiology*. 2016.

Diagnosis of Myocardial Infarction Using a High-Sensitivity Troponin I 1-Hour Algorithm.

Neumann JT, Sörensen NA, Schwemer T, Ojeda F, Bourry R, Sciacca V, Schaefer S, Waldeyer C, Sinning C, Renné T, Than M. *JAMA Cardiology*. 2016.

Validation of NICE diagnostic guidance for rule out of myocardial infarction using high-sensitivity troponin tests.

Parsonage WA, Mueller C, Greenslade JH, Wildi K, Pickering J, Than M, Aldous S, Boeddinghaus J, Hammett CJ, Hawkins T, Nestelberger T. *Heart*. 2016 Jun 10:heartjnl-2016.

Impact of High-Sensitivity Troponin I Testing with Sex-Specific Cutoffs on the Diagnosis of Acute Myocardial Infarction.

Trambas C, Pickering JW, Than M, Bain C, Nie L, Paul E, Dart A, Broughton A, Schneider HG. *Clinical Chemistry*. 2016 Jun 1;62(6):831-8.

A clinical decision rule to identify emergency department patients at low risk for acute coronary syndrome who do not need objective coronary artery disease testing: the no objective testing rule.

Greenslade JH, Parsonage W, Than M, Scott A, Aldous S, Pickering JW, Hammett CJ, Cullen L. *Annals of Emergency Medicine*. 2016 Apr 30;67(4):478-89.

"Effectiveness of EDACS Versus ADAPT Accelerated Diagnostic Pathways for Chest Pain: A Pragmatic Randomized Controlled Trial Embedded Within Practice."

Than, Martin P., et al. Annals of Emergency Medicine (2016).

Validation of presentation and 3 h high-sensitivity troponin to rule-in and rule-out acute myocardial infarction.

Pickering JW, Greenslade JH, Cullen L, Flaws D, Parsonage W, George P, Worster A, Kavsak PA, Than MP. *Heart*. 2016 Mar 8:heartinl-2015.

B-type natriuretic peptide signal peptide (BNPsp) in patients presenting with chest pain.

Pemberton CJ, Frampton CM, Aldous S, Bailey M, Young J, Troughton R, Than M, Richards M. *Clinical biochemistry*. 2016 Jun 30;49(9):645-50

Outcome at 30 days for low-risk chest pain patients assessed using an accelerated diagnostic pathway in the emergency department.

Meek R, Braitberg G, Cullen L, Than M, Graudins A, Glynn D. *Emergency Medicine Australasia*. 2016 Jun 1;28(3):279-86.

"Two-hour algorithm for triage toward rule-out and rule-in of acute myocardial infarction using high-sensitivity cardiac troponin T."

Boeddinghaus J, Reichlin T, Cullen L, Greenslade JH, Parsonage WA, Hammett C, Pickering JW, Hawkins T, Aldous S, Twerenbold R, Wildi K, Nestelberger T, Grimm K, Rubini-Gimenez M, Puelacher C, Kern V, Rentsch K, Than MP, Mueller C

The American journal of medicine 128.4 (2015): 369-379.

Time to presentation and 12-month health outcomes in patients presenting to the emergency department with symptoms of possible acute coronary syndrome.

Cullen L, Greenslade JH, Menzies L, Leong A, Than M, Pemberton C, Aldous S, Pickering J, Dalton E, Crosling B, Foreman R. Emergency Medicine Journal. 2016 Jun 1;33(6):390-5

Sex-specific versus overall cut points for a high sensitivity troponin I assay in predicting 1-year outcomes in emergency patients presenting with chest pain.

Cullen L, Greenslade JH, Carlton EW, Than M, Pickering JW, Ho A, Greaves K, Berndt SL, Body R, Ryan K, Parsonage WA. Heart. 2016 Jan 15;102(2):120-6.

2015

The incremental value of stress testing in patients with acute chest pain beyond serial cardiac troponin testing

Aldous S, Richards AM, Cullen L, Pickering J, Than M. Emergency Medicine Journal 2015

Myocardial infarction - rapid ruling out in the emergency room (Comment)

Cullen L, Parsonage W, Than M. Lancet 2015

Target-specific Oral Anticoagulants in the Emergency Department

Peacock WF, Levy P, Gonzalez M, Than M. Journal of Emergency Medicine 2015

A novel diagnostic protocol to identify patients suitable for discharge after a single highsensitivity troponin.

EW Carlton, L Cullen, M Than, J Gamble, A Khattab, K Greaves. Heart 2015

A novel troponin T peptide in humans: Assay, biochemistry and preliminary findings in acute coronary syndromes.

J Lee, J Young, CM Frampton, S Aldous, RW Troughton, M Than, AM Richards, CJ Pemberton. *International Journal of Cardiology 2015*

A Sex Disparity Among Earthquake Victims.

M Ardagh, S Standring, JM Deely, D Johnston, V Robinson, P Gulliver, S Richardson, A Dierckx, M Than. *Disaster Medicine and Public Health Preparedness 2015*

Accelerated diagnostic protocol using high-sensitivity cardiac troponin T in acute chest pain patients.

B Meller, L Cullen, WA Parsonage, JH Greenslade, S Aldous, T Reichlin, K Wildi, R Twerenbold, C Jaeger, P Hillinger, P Haaf, C Puelacher, V Kern, K Rentsch, F Stallone, M Rubini Gimenez, P Ballarino, S Bassetti, A Walukiewic, R Troughton, CJ Pemberton, AM Richards, K Chu, CM Reid, M Than, C Mueller. *International Journal of Cardiology 2015*

Chest Pain Typicality in Suspected Acute Coronary Syndromes and the Impact of Clinical Experience.

EW Carlton, M Than, L Cullen, A Khattab, K Greaves. The American Journal of Medicine 2015

High-sensitivity cardiac troponin t concentrations below the limit of detection to exclude acute myocardial infarction: a prospective evaluation.

Body R, Burrows G, Carley S, Cullen L, Than M, Jaffe AS, Lewis PS. Clinical chemistry. 2015 Jul 1;61(7):983-9.

The utility of presentation and 4-hour high sensitivity troponin I to rule-out acute myocardial infarction in the emergency department.

Pickering JW, Young JM, George P, Aldous S, Cullen L, Greenslade JH, Richards AM, Troughton R, Ardagh M, Frampton CM, Than MP. *Clinical biochemistry*. 2015 Dec 31;48(18):1219-24.

CNP signal peptide in patients with cardiovascular disease.

J Lee, M Than, S Aldous, R Troughton, AM Richards, CJ Pemberton. *Frontiers in cardiovascular medicine* 2015

Cost and outcomes of assessing patients with chest pain in an Australian emergency department.

L Cullen, J Greenslade, K Merollini, N Graves, CJK Hammett, T Hawkins, MP Than, AFT Brown, CB Huang, SE Panahi, E Dalton, WA Parsonage. *Medical Journal of Australia 2015*

High-Sensitivity Cardiac Troponin T Concentrations below the Limit of Detection to Exclude Acute Myocardial Infarction: A Prospective Evaluation.

R Body, G Burrows, SD Carley, L Cullen, M Than, AS Jaffe. Clinical Chemistry 2015

Relationship Between Physiological Parameters and Acute Coronary Syndrome in Patients Presenting to the Emergency Department With Undifferentiated Chest Pain.

JH Greenslade, D Beamish, W Parsonage, T Hawkins, J Schluter, E Dalton, K Parker, M Than. Journal of Cardiovascular Nursing 2015

Simplification of a scoring system maintained overall accuracy but decreased the proportion classified as low risk.

S Sanders, D Flaws, M Than, JW Pickering, J Doust, P Glasziou. Journal of Clinical Epidemiology 2015

Two-hour diagnostic algorithms for early assessment of patients with acute chest pain — Implications of lowering the cardiac troponin I cut-off to the 97.5th percentile.

KM Eggers, S Aldous, JH Greenslade, N Johnston, B Lindahl, WA Parsonage, JW Pickering, M Than, L Cullen. Clinica Chimica Acta 2015

2014

The clinical utility window for acute kidney injury biomarkers in the critically ill

Ralib, A.Md, Pickering, J. W., Shaw, G. M., Than, M. P., George, P. M., & Endre, Z. H. *Critical Care*, 11/2014. 18(6), 601. doi:10.1186/s13054-014-0601-2

Geographic variation of clinically diagnosed mood and anxiety disorders in Christchurch after the 2010/11 earthquakes

Hogg D, Kingham S, Wilson T, Griffin E, Ardagh M. Health & Place 11/2014

Comparison of new point-of-care troponin assay with high sensitivity troponin in diagnosing myocardial infarction

Aldous S, Richards AM, George P, Cullen L, Parsonage W, Flaws D, Florkowski C, Troughton R, O'Sullivan J, Reid C, Bannister L, Martin Than. *International Journal of Cardiology*. 11/2014; 177(1):182–186.

Admission glycaemia and its association with acute coronary syndrome in Emergency Department patients with chest pain.

Gardner L, Nguyen-Pham S, Greenslade J, Parsonage W, D'Emden M, Than M, Aldous S, Brown A, Cullen L. *Emergency medicine journal : EMJ. 10/2014;*

Systematic Review and Meta-analysis of Pregnant Patients Investigated for Suspected Pulmonary Embolism in the Emergency Department

Kline J, Richardson D, Than M, Penaloza A, Roy PM. Academic Emergency Medicine 09/2014; 21(9).

IFCC Educational Materials on Selected Analytical and Clinical Applications of High Sensitivity Cardiac Troponin Assays

Apple F, Jaffe A, Collinson P, Mockel M, Ordonez-Llanos J, Lindahl B, Hollander J, Plebani M, Than M, Chan M. Clinical Biochemistry 09/2014

Christchurch Hospital Emergency Department Publications 23.05.2018

The impact of alcohol-related presentations on a New Zealand hospital emergency department

Stewart R, Das M, Ardagh M, Deely J, Dodd S, Bartholomew N, Pearson S, Spearing R, Williams T, Than M. *The New Zealand medical journal 08/2014*;

Patterns and sources of alcohol consumption preceding alcohol-affected attendances to a New Zealand hospital emergency department

Das M, Stewart R, Ardagh M, Deely J, Dodd S, Bartholomew N, Pearson S, Spearing R, Williams T, Than M. *The New Zealand medical journal 08/2014;*

Regulating new psychoactive drugs: innovation leading to compromise.

Schep L, Gee P, Tingle M, Galea S, Newcombe D. BMJ Clinical Research 08/2014

Undetectable hs-cTnT in the Emergency Department and Risk of Myocardial Infarction

Cullen L, Than M, Peacock WF. Journal of the American College of Cardiology 08/2014; 64(6):632–633

ANNALS EXPRESS: Comparison of BD Vacutainer(R) Rapid Serum Tube and plasma for haemolysis markers in the Emergency Department.

Ryan J, Southby S, L Stuart L, Than M, Mackay R, Florkowski C, George P. *Annals of Clinical Biochemistry* 04/2014

Development and validation of the Emergency Department Assessment of Chest pain Score and 2 h accelerated diagnostic protocol.

Than M, Flaws D, Sanders S, Doust J, Glasziou P et al. Emergency Medicine Australasia, Feb 2014

Keratin gel improves poor scarring following median sternotomy.

Jina NH, Marsh C, Than M, Singh H, Cassidy S. ANZ Journal of Surgery, Feb 2014

Validation of an accelerated high-sensitivity troponin T assay protocol in an Australian cohort with chest pain.

Parsonage W, Greenslade J, Hammett C, Lamanna A, Tate J, Ungerer J, Chu L, Than M, Brown A, Cullen L. *The Medical journal of Australia 02/2014*

Do point-of-care troponins offer any advantage to the emergency department?

Than M. Pathology 02/2014

Getting through together: an emergency physician's perspective on the February 2011 Christchurch earthquake.

Gee P. Ann Emerg Med. 2014 Jan; 63(1):81-3.

The 2010/2011 Canterbury earthquakes: context and cause of injury.

Johnston D, Standring S, Ronan K, Lindell M, Wilson T, Cousins J, Aldridge E, Ardagh MW, Deely JM, Jensen S, Kirsch T, Bissell R. *Natural Hazards* (2014) 73:627-637

Emergency and stroke physician combined consensus statement on thrombolysis for acute stroke.

Ranta A, Bonning J, Fink J, Fleischer D, Gommans J, Jones P, Barber PA, Ardagh M. NZ Med J. 2014 Apr 11;127(1392):116-8.(Letter).

Winners and losers during the 2011 Rugby World Cup.

Ardagh M. NZMJ 128 (1419). 11-13.

A comprehensive approach to improving patient flow in our hospitals – the 'left to right, over and under' concept.

Ardagh M. NZMJ 128 (1420), 55-64

What have five years of the shorter stays in the emergency department health target done to us. Ardagh M. Drew L. NZMJ 128 (1421),

Perspectives on the evolution of time-based targets and their impact on emergency medicine training.

Le Fevre J, Ardagh M, Mountain D, Parke T, Geelhold G. *Emergency Medicine Australasia. 27 (4),* 351-354

2013

Innovations and lessons learned from the Canterbury Earthquakes: Emergency department staff narratives

Richardson S, Ardagh M. Disaster Prevention and Management 01/2013 (DPM-09-2013-0167)

A moment in time: Emergency nurses and the Canterbury earthquake.

Richardson S, Ardagh M, Grainger P, Robinson V. (2013). *International Nursing Review 60(2) 188-195*.

Emergency Department patient presentations – how accurately do we record ethnicity data? Richardson S, Ardagh M, Than M. (2013). *Emergency Nurse New Zealand, Winter 2013 10-15*.

A 2-Hour Diagnostic Protocol for Possible Cardiac Chest Pain in the Emergency Department. A Randomized Clinical Trial.

Than M, Aldous S, Lord SJ, Goodacre S, Frampton C, Troughton R, George P, Florkowski M, Ardagh M, Smyth D, Jardine D, Peacock W, Young J, Hamilton G, Deely J, Cullen L, Richards M. *JAMA Intern Med. doi:10.1001/jamainternmed.2013.11362 Published online October 7, 2013.*

The proof of the pudding is in the eating - health system preparedness for the February 2011 Canterbury Earthquake.

Ardagh M. NZMJ 15 March 2013, Vol 126 No 1371; ISSN 1175 8716 URL: http://journal.nzma.org.nz/journal/126-1371/5578/

Comparison of high sensitivity troponin T and I assays in the diagnosis of non-ST elevation acute myocardial infarction in emergency patients with chest pain.

Cullen L, Aldous S, Than M, Greenslade JH, Tate JR et al. Clinical biochemistry, 2013

Diagnostic accuracy and risk stratification using an accelerated protocol of high sensitivity cardiac troponin T assay in an Australian cohort of patients presenting with acute chest pain.

Parsonage WA, Greenslade JH, Hammett CJ, Lamanna A, Tate JR, Than MP. MJA 200 (3), 161-165

Troponin testing: End of an era?

Peacock WF, Cullen L, Mueller C, Than M. Clinical Biochemistry, 2013, Vol 46, Issue 16, Pages 1627-1628

The new Vancouver Chest Pain Rule using troponin as the only biomarker: An external validation study.

Cullen L, Greenslade JH, Than M, Lamanna A et al. *The American Journal of Emergency Medicine*, 2013

Treatment of ulcerated necrobiosis lipoidica with ovine forestomach matrix.

Simcock JW, Than M, Ward BR, May BCH. Journal of Wound Care, 2013, Vol. 22, Issue 7, Pages 383-384

The HEART score for the assessment of patients with chest pain in the Emergency Department A Multinational Validation Study.

Six AJ, Cullen L, Backus B, Than M. Crit Pathways in Cardiol. Sept 2013;12: 121–126

A comparison of concussive symptoms reported by parents for preschool versus school age children.

McKinley A, Ligteringen V, Than M. *Journal of Head Trauma Rehabilitation DOI:* 10.1097/HTR.0b013e3182a2dd7f

Validation of the Vancouver Chest Pain Rule using troponin as the only biomarker: a prospective cohort study.

Greenslade JH, Cullen L, Than M, et al., *The American journal of emergency medicine 05/2013;* DOI:10.1016/j.ajem.2013.04.016

Do Functional Keratin Dressings Accelerate Epithelialization in Human Partial Thickness Wounds? A Randomize Controlled Trial on Skin Graft Donor Sites

Davidson A, Jina NH, Marsh C, Than M, and Simcock JW. Eplasty 2013 Vol. 13

Fluid-volume assessment in the investigation and management of acute heart failure

Tuy T, Than M. Current Emergency and Hospital Medicine Reports June 2013, Volume 1, Issue 2, pp 126-132

Comparison of Three Risk Stratification Rules for Predicting Patients With Acute Coronary Syndrome Presenting to an Australian Emergency Department

Cullen L, Greenslade J, Than M, Parsonage W et al. *Heart Lung and Circulation May 2013* http://dx.doi.org/10.1016/j.hlc.2013.03.074

Delta troponin for the diagnosis of AMI in emergency patients with chest pain.

Cullen L, Parsonage W, Greenslade J, Than M et al. *International Journal of Cardiology April 2013* http://dx.doi.org/10.1016/j.ijcard.2013.03.044

Examining renal Impairment as a Risk Factor for Acute Coronary Syndrome: A Prospective Observational Study.

Greenslade JH, Cullen L, Kalinowski L, Than M et al. *Ann Emerg Med 2013 Vol. 60, Issue 6, Pages 777-785*

Validation of high-sensitivity troponin I in a 2-h diagnostic strategy to assess 30-day outcomes in emergency-department patients with possible acute coronary syndrome

Cullen L, Müller C, Parsonage W, Than M et al. JACC 2013

Cardiac Risk Stratification Scoring Systems for Suspected Acute Coronary Syndromes in the Emergency Department

Than M, Flaws D, Cullen L, Deely J. Current Emergency and Hospital Medicine Reports Jan 2013 e-ISSN 2167-4884 DOI 10.1007/s40138-012-0004-0

Holding on or moving forward?

Richardson S. (2013) Kai Tiaki: Nursing New Zealand 19(3) 19.

2012

Synthetic cannabinoid use in New Zealand: a recent rebound.

Schep LJ, Slaughter RJ, Temple WA, Lambie BS, Gee P, Watts M, Gresham C. NZ Med J. 2012 Oct 26; 125(1364):114-6. PubMed PMID: 23242407.

Use of recreational drug 1,3 Dimethylamylamine (DMAA) [corrected] associated with cerebral hemorrhage.

Gee P, Tallon C, Long N, Moore G, Boet R, Jackson S. *Ann Emerg Med. 2012 Oct;60(4):431-4. doi: 10.1016/j.annemergmed.2012.04.008.*

Toxic cocktail: Methanol poisoning in a tourist to Indonesia.

Gee P, Martin E. *Emerg Med Australia*. 2012 Aug;24(4):451-3. doi: 10.1111/j.1742-6723.2012.01552.x. PubMed PMID: 22862764.

The initial health-system response to the earthquake in Christchurch, New Zealand, in February, 2011.

Ardagh MW, Richardson SK, Robinson V, Than M, Gee P, Henderson S, Khodaverdi L, McKie J, Robertson G, Schroeder PP, Deely JM. *The Lancet 04/2012; 379(9831):2109-15*

What is an acceptable risk of major adverse cardiac event in chest pain patients soon after discharge from the Emergency Department? A clinical survey

Than M, Herbert M, Flaws D, Cullen L, Hess E, Hollander J, Diercks D, Ardagh M, Kline J, Munro Z, and Jaffe A. Int J Cardiol (2012), http://dx.doi.org/10.1016/j.ijcard.2012.09.171

Selective versus mandatory whole-body computed tomography scanning in the multiply injured patient [Letter to the editor].

Cowan I, Cresswell C, Liu H, Siew T, Ardagh M, & Than M. (2012). *Emergency Medicine Australasia,* 24(1), 115-116. doi: 10.1111/j.1742-6723.2011.01528.x

2-Hour accelerated diagnostic protocol to assess patients with chest pain symptoms using contemporary troponins as the only biomarker: The ADAPT trial.

Than M, Cullen L, Aldous S, Parsonage W. A, Reid CM, Greenslade J, Ardagh M W, Troughton R, Richards AM. (2012). *Journal of the American College of Cardiology, 59(23), 2091-2098. doi:* 10.1016/j.jacc.2012.02.035

Validation of the pulse rate over pressure evaluation index as a detector of early occult hemorrhage: A prospective observational study.

Campbell R, Ardagh MW, Than M. *Journal of Trauma and Acute Care Surgery: July 2012 - Volume 73 - Issue 1 - p 286–288 doi: 10.1097/TA.0b013e318253b52e*

Comparison of early biomarker strategies with the Heart Foundation of Australia/Cardiac Society of Australia and New Zealand guidelines for risk stratification of ED patients with chest pain

Cullen L, Parsonage W, Greenslade J, Lamanna A, Hammett C, Than M, Ungerer J, Chu K, O'Kane S, Brown A. *Emerg Med Aus. Volume 24, Issue 6, pages 595–603, December 2012*

Keratin-based Wound Care Products for Treatment of Resistant Vascular Wounds.

Than M, Smith R, Hammond C, Kelly R, Marsh C, Maderal A, Kirsner R. *The Journal of Clinical and Aesthetic Dermatology, Dec 2012, Vol. 5, Issue 12, Page 31*

Lemierre's Sydrome – diagnosis in the Emergency Department

Davies O, Than M. Emerg Med Aus. Volume 24, Issue 6, pages 673–676, December 2012

The role of cardiac computed tomography in assessment of acute chest pain

Parsonage W, Cullen L, Younger J, Than M. Heart Lung and Circulation Nov 2012 Vol. 21, Issue 11, page 763

A 2 hour TIMI score out-performs other risk stratification tools in patients presenting with possible acute coronary syndromes

Aldous SJ, Richards M, Cullen L, Troughton R, Than M. Am Heart J 2012; 164:516-23

Examining the signs and symptoms experienced by individuals with suspected Acute Coronary Syndrome in the Asia-Pacific region: A prospective observational study

Greenslade J, Cullen L, Parsonage W, Reid C, Body R, Richards AM, Hawkins T, Lim SH, Than M. *Ann Emerg Med June 2012*

The Challenges of Sensitive and Highly Sensitive Troponin Assay Use in the Emergency Department. Monograph in Laboratory and Clinical Issues Affecting the Measurement and Reporting of Cardiac Troponin: A Guide for Clinical Laboratories.

Than M, Cullen L. Australasian Association of Clinical Biochemists, Sydney 2012. ISSN No. 0817 4911. ISBN No. 978-0-646-56953-6. pp27-33

Validation of the ROPE Index (pulse Rate Over Pressure Evaluation) as a detector of early occult hemorrhage: A Prospective Observational Study

Campbell R, Ardagh M, Than M. Journal of Trauma and Acute Care Surgery 2012, 73 (1), 286-288

A New Improved Accelerated Diagnostic Protocol Safely Identifies Low-risk Patients With Chest Pain in the Emergency Department.

Aldous, SJ; Richards, MA; Cullen, L; Troughton, R; Than, M. *Academic Emergency Medicine 2012 Vol* 19, Iss 5, Pages 510-516

The reporting and interpretation of troponin results – laboratory and clinical aspects. Monograph in Laboratory and Clinical Issues Affecting the Measurement and Reporting of Cardiac Troponin: A Guide for Clinical Laboratories.

Jaffe A, Cullen L, White H, Than MP. Australasian Association of Clinical Biochemists, Sydney 2012. ISSN No. 0817 4911. ISBN No. 978-0-646-56953-6. pp93-97

High-sensitivity troponin T for early rule-out of myocardial infarction in recent onset chest pain' Letter: Authors response to letter about'.

Aldous S, Pemberton C, Richards AM, Troughton R, Than M. Emerg Med J 2012;29:7 601-602

The performance of high sensitivity troponin for the diagnosis of acute myocardial infarction is underestimated

Aldous S, Florkowski C, Crozier I, Than M. Clinical Chemistry and Laboratory Medicine 2012;50(4):727-729

Derivation and validation of a multivariate model to predict mortality from pulmonary embolism with cancer: the POMPE-C tool.

Kline J, Rpy PM, Than M, Hernandez J, Courtney DM, Jones A, Penazola A, Pollack C. *Thromb Res April 2012 DOI: 10.1016/j.thromres.2012.03.015*

ST2 has diagnostic and prognostic utility for All-Cause mortality and Heart Failure in patients presenting to the Emergency Department with chest pain.

Aldous S, Richards AM, Troughton R, Cullen L, Pemberton C, Than MP. *Journal of Cardiac Failure.* Feb 2012 Vol 18, Issue 4, 304-310

Use of a keratin-based hydrogel in the management of recessive dystrophic epidermolysis

Than MP, Smith RA, Cassidy S, Kelly R, Marsh C, Maderal A, Kirsner RS. J Dermatolog Treat. 2012 Jan 21.

Diagnostic and prognostic utility of early measurement with high-sensitivity troponin T assay in patients presenting with chest pain.

Aldous SJ, Richards M, Cullen L, Troughton R, Than M. CMAJ. 2012 Jan 30

Summary of NIH Medical-Surgical Emergency Research Roundtable Held on April 30 to May 1, 2009

Kaji A, Lewis R, Beavers-May T, Than M et al. *Annals of Emergency Medicine, Volume 56, Pages 522-537, November 2010*

From the laboratory to the leg: Patients' and nurses' perceptions of product application using three different dressing formats

Hammond CE, Than M & Walker JW. Wound practice and research, Nov 2010, Vol. 18 Issue 4.

Future Developments in Chest Pain Diagnosis and Management

Brown A, Cullen L, Than M. Medical Clinics of North America 2010, Vol 94, Issue 2, Pages 375-400

Troponin measurement and the new assays: how low can we go?

Aroney C, Hickman P, Schneider H, Tate J, Than M. MJA 2010; 192 (5): 245-246

Comprehensive standardized data definitions for acute coronary syndrome research in emergency departments in Australasia.

Cullen, L., Than, M., & Brown, A.F. et al. (2010). Emergency Medicine Australasia, 22, 35-55.

Accuracy of Very Low Pre-test Probability Estimates for Pulmonary Embolism Using the Method of Attribute Matching Compared with the Wells' Score.

Kline J, Courtney D, Than M, Hogg K, Miller C, Johnson C, Smithline H. *Acad Emerg Med 2010;* 17:133–141

2011

Shifting Gas Artefact Sign: Early sonographic detection of pneumoperitoneum.

Gee P. Emerg Med Australas. 2011 Oct;23(5):647-50. doi: 10.1111/j.1742-6723.2011.01452.x. PubMed PMID: 21995482.

The clinical toxicology of the designer "party pills" benzylpiperazine and trifluoromethylphenylpiperazine.

Schep LJ, Slaughter RJ, Vale JA, Beasley DM, Gee P. Clin Toxicol (Phila). 2011 Mar;49(3):131-41. Review. PubMed PMID: 21495881.

Utility rather than futility in emergency medicine.

Ardagh M. Emergency Medicine Australasia (2011) 25, 530-531

Improving acute patient flow and resolving emergency department overcrowding in New Zealand hospitals – the major challenges and the promising initiatives

Ardagh MW., Tonkin G., Possenniskie C. NZMJ 14 October 2011, Vol 124 No 1344; ISSN 1175 8716 http://journal.nzma.org.nz/journal/124-1344/4904/

Project RED – a successful methodology for improving emergency department performance.

Ardagh MW., Pitchford AM., Esson A., Manson H., Dolan B. *NZMJ 14 October 2011, Vol 124 No 1344; ISSN 1175 8716 http://journal.nzma.org.nz/journal/124-1344/4905/*

A 2-h diagnostic protocol to assess patients with chest pain symptoms in the Asia-Pacific region (ASPECT): a prospective observational validation study.

Than M, Cullen L, Reid C, Lim SH, Aldous S, Ardagh M, Peacock WF, Parsonage W, Ho HF, Ko HF, Kasliwal R, Bansal M, Soerianata S, Hu D, Ding R, Hua Q, Seok-Min K, Sritara P, Sae-Lee R, Chiu TF, Tsai KC, Chu FY, Chen WK, Chang WH, Flaws D, George P, Richards AM, 2011: *The Lancet; Online 23 March 2011*

Frequent attenders at emergency departments: research regarding the utility of management plans fails to take into account the natural attrition of attendance.

Peddie S. Richardson S. Salt L. Ardagh M. New Zealand Medical Journal. 25 March 2011, Vol 124 No 1331

Designing clinical trials to bring wound products to market.

Vivas AC, Maderal AD, Than MP, Kirsner RS. *Int Wound J. 2011 Dec 14. doi: 10.1111/j.1742-481X.2011.00907.x*

High-sensitivity cardiac troponin assays – is change important?

Aldous S, Richards AM, Cullen L, Than M. Clin. Chem., Nov 2011; doi:10.1373/clinchem.2011.176305

Heart fatty acid binding protein and myoglobin do not improve early rule out of acute myocardial infarction when highly sensitive troponin assays are used.

Aldous S, Pemberton C, Troughton R, Than M, Mark Richards A. *Resuscitation. 2012 Feb;83(2):e27-8. Epub 2011 Nov 2*

Analytical characteristics of high-sensitivity cardiac troponin assays.

Apple FS, Collinson PO. IFCC Task Force on Clinical Applications of Cardiac Biomarkers. *Clin Chem.* 2012 Jan;58(1):54-61. Epub 2011 Sep 30

Early Dynamic Change in High-Sensitivity Cardiac Troponin T in the Investigation of Acute Myocardial Infarction

Aldous S, Richards AM, Cullen L, Than M. Clin. Chem., Aug 2011; 57: 1154 - 1160.

Rapid diagnostic protocol for patients with chest pain

Than M, Cullen L, Reid CM, Lim SH, Aldous S, Ardagh MW, Richards AM. *Lancet July 30th 2011; 378: 398-399.*

Are laboratory investigations useful for the Emergency Department evaluation of possible Osteomyelitis? A literature review

Harris J, Caesar D, Davison C, Phibbs R, Than M. Emergency Medicine Australasia Australasia, Volume 23, Issue 3, pages 317–330, June 2011

Comparison of high sensitivity and contemporary troponin assays for the early detection of acute myocardial infarction in the Emergency Department.

Aldous SJ, Florkowski CM, Crozier IG, Elliott J, George P, Lainchbury JG, Mackay RJ, Than M. *Ann Clin Biochem. 2011 May; 48(Pt 3):241-8. Epub 2011 Mar 25.*

Can high sensitivity troponin accelerate current diagnostic protocols for the diagnosis of acute myocardial infarction

Aldous S, Richards AM, Than M. Heart, Lung and Circulation, Volume 20, Issue 6, Pages 376, June 2011

High sensitivity troponin outperforms contemporary assays in predicting major adverse cardiac events up to two years in patients with chest pain.

Aldous SJ, Florkowski CM, Crozier IG, George P, Mackay R, Than M. *Ann Clin Biochem. 2011 May;48* (Pt3):249-55. Epub 2011 Mar 25.

Synthetic cannabinoid analogues--not repeating past mistakes.

Schep LJ, Slaughter RJ, Temple WA, Nair SM, Gee PA. *NZ Med J. 2011 Apr 15;124(1332):85-6. PubMed PMID: 21747429.*

Earthquake disaster response in Christchurch, New Zealand.

Dolan B, Esson A, Grainger P, Richardson S, Ardagh M. (2011). *Journal of Emergency Nursing 37(5)* 506-509.

Courage, compassion and cohesion at the coal face: an emergency department nurse researcher/educator reflects on being at the sharp end of the response to the Christchurch earthquake.

Richardson S. (2011). Kai Tiaki: Nursing New Zealand 17(2) 8.

2010

Another bitter pill: a case of toxicity from DMAA party pills.

Gee P, Jackson S, Easton J. N Z Med J. 2010 Dec 17;123(1327):124-7.

Multiorgan failure from 1-Benzylpiperazine ingestion -Legal high or lethal high?

Gee P, Jerram T, Bowie D. Clinical Toxicology (2010) *Early Online, 1–4 ISSN: 1556-3650 print / 1556-9519 online DOI: 10.3109/15563651003592948*

How to achieve New Zealand's shorter stays in emergency departments health targets.

Ardagh M. New Zealand Medical Journal. 11 June 2010, Vol 123 No 1316

Documentation: Priority in practice.

Richardson S, & Grainger P. (2010). Emergency Nurse New Zealand. Summer 2011 8-14

Frequent Attenders at Christchurch Hospital Emergency Department: Beware attributing changing patterns to interventions.

Peddie S, Richardson S, Salt L, Ardagh M. (2010). New Zealand Medical Journal 124(1331) 61-6.

ED overcrowding and the 'inappropriate attender' – whose definition?

Richardson S. (2010). Australasian Emergency Nursing Journal 13(4) 143.

2009

Communicating diagnostic uncertainties to patients: The problems of explaining unclear diagnosis and risk.

Than M, Flaws D. Evid Based Med 2009; 14: 66-67. doi:10.1136/ebm.14.3.66

Comparison of high specificity with standard versions of a quantitative latex D-dimer test in the assessment of community pulmonary embolism: HaemosIL D-dimer HS and pulmonary embolism. Than MP, Helm J, Calder K, Ardagh MW, Smith M, Flaws DF, et al. *Thromb Res. 2009 Jun;124(2):230-5*

Child home injury prevention: understanding the context of unintentional injuries to preschool children.

Simpson J, Turnbull B, Ardagh M, Richardson S. (2009). *International Journal of Injury Control and Safety Promotion* 16(3) 159-167.

Senior nurses' perceptions of cultural safety in an acute clinical practice area.

Richardson S, Williams T, Farrell M, Finlay A. (2009). Nursing Praxis in New Zealand. 25(3) 27-36.

2008

Toxicity from the recreational use of 1-benzylpiperazine

Gee P, Gilbert M, Richardson S, et al. Clin Toxicol 46:802-807, 2008

Prospective multicenter evaluation of the pulmonary embolism rule-out criteria.

Kline JA., Mark Courtney D., Kabrhel C, Moore CL., Nordenholz K, Smithline HA, Plewa MC., Richman PB., O'Neil BJ. T. R. McCubbin, D. M. Beam, M. P. Than, K. E. Nordenholz, A. M. Mitchell. L. Johnson. A. Camargo Jr. *J Thromb Haemost 2008 May;6(5):772-80*

It's all about making a difference.

Richardson S. (2008) Kai Tiaki Nursing New Zealand. 14(1)15-6.

2007

Corneal abrasion and alkali burn secondary to automobile air bag inflation.

Scarlett A, Gee P. Emerg Med J. 2007 Oct;24(10):733-4.PMID:17901284

Party on? BZP party pills in New Zealand.

Gee P, Fountain J. NZ Med J. 2007. Feb 16; 120(1249)

Why is cultural safety essential in health care?

Richardson S, & Williams T. (2007). International Journal of Medicine and Law. 26(4), 699-707

Following the patient journey: elder persons' experiences of emergency departments, wards and discharge.

Richardson S, Casey M, Hider P. (2007). Accident and Emergency Nursing Journal 15 134-140.

2006

EBM notebook. 3rd International conference of evidence-based healthcare teachers & developers.

Martin J, Cartabelotta A, Than M, & Glasziou P. (2006). Evidence Based Medicine, 11

Diagnostics in Emergency Medicine - an overview of strategies and a few conditions which conspire to fool us.

Ardagh M, Than M. New Zealand Family Physician 33 (2), 126, 2006

Health professionals do not agree about what defines appropriate attendance at an Emergency Department.

Richardson S, Ardagh M, Hider P. (2006). NZMJ 119(1232)

2005

Researching the Toxicity of Party Pills.

Gee P, Richardson S. Nurs N Z. 2005 Dec-2006 Jan;11(11):12-3

Toxic effects of BZP-based herbal party pills in humans: a prospective study in Christchurch, New Zealand

Gee P, Richardson S, Woltersdorf W, Moore G (2005). NZ Med J 118 (1227): U1784

Evidence-based emergency medicine at the 'coal face'.

Than M. Bidwell S. Davison C. Phibbs R. Walker M. *Emergency Medicine Australasia*. 17(4):330-40, 2005 Aug.

The utility of blood cultures in the management of non-facial cellulitis appears to be low.

Stevenson A. Hider P. Than M. New Zealand Medical Journal. 118(1211):U1351, 2005 Mar 11.

Randomised controlled trial of intravenous antibiotic treatment for cellulitis at home compared with hospital.

Corwin P, Toop L, McGeoch G, Than M, et al. BMJ 2005;330:129,

Coping with outbreaks of the Norovirus.

Richardson S. (2005). Kai Tiaki Nursing New Zealand. 11(7): 12-4

Emergency department overcrowding: the emergency department cardiac analogy model (EDCAM).

Richardson S, Ardagh M, Gee P. (2005). Accident and Emergency Nursing Journal 13(1), 18-23.

The incorporation of research into clinical practice: the development of a Clinical Nurse Researcher position.

Richardson S. (2005) Nursing Praxis in New Zealand 21(1) 33-42.

The forensic nurse practitioner role (emergency nursing) - a potential response to changing health needs in New Zealand.

Williams T, Richardson S, O'Donovan P, Ardagh M. (2005). International Journal of Medicine and Law 24(1) 111-123.

Older

Paediatric Exploratory Ingestions of Paracetamol

Gee P, Ardagh M. New Zealand Medical Journal 1998 111 (1066) pp186-7

Gastrointestinal decontamination in paediatric exploratory ingestion Dillon C, Gee P. New Zealand Medical Journal 2002 115: 260-2

Making a diagnosis of pulmonary embolism - new methods and clinical issues. Iles, S., Beckert, L., Than M., & Town I. 2003 New Zealand Medical Journal. 116(1177):U499.

Can the distance fallen predict injury severity after a fall from a height?

Goodacre S, Than M, Goyder EC & Joseph A. *Journal of Trauma*, 1999;46(6): 1055-8

Detection of Acute Heart Failure in the Emergency Department with Bioimpedance Vector Analysis Tuy T, Talati A, Fiessinger L, Engineer R, Than M, Peacock M. *Ann Emerg Med*

What's happening to our emergency departments? Richardson S. (2004). *Kai Tiaki Nursing New Zealand 10(5) 16-18.*

Aotearoa / New Zealand Nursing: from eugenics to cultural safety Richardson S. (2004). *Nursing Inquiry 11(1) 35-42.*

The role of research in emergency nursing. Richardson S. (2003). *Emergency Nurse New Zealand*. 3(2) 17-20.

Evidence based practice – sacred cow or acceptance of accountability? Richardson SK. (2002). *Emergency Nurse New Zealand 2(2) 10-13.*

Advanced Nursing Practice – evolution or revolution?. Richardson SK. (2002). *Nursing Praxis in New Zealand 18(2) 33-41.*

Casualisation of the Nursing Workforce – a New Zealand Perspective on an International Phenomenon.

Richardson S, Allen J. (2001). International Journal of Nursing Practice 7(2):104-108.

Nurse sounds warning about Christchurch health changes. Richardson S. (2001). *Kai Tiaki Nursing New Zealand 7(7):3*.

The Interface between Primary and Secondary Care. Richardson SK. (2001). *Emergency Nurse New Zealand*

Increasing patient numbers: the implications for New Zealand emergency departments. Richardson SK. (1999). *Accident and Emergency Nursing 7:158-163.*

Emergency departments and the inappropriate attender – is it time for a reconceptualisation of the role of primary care in emergency facilities?

Richardson S. (1999). Nursing Praxis in New Zealand 4(2):13-20.

PEER REVIEWED BOOKS, BOOK CHAPTERS, BOOKS EDITED

2013

Child and Youth Mortality Review Committee, Te Ropu Arotake Auau Mate o te Hunga Tamariki, Taiohi. 2013. Special Report: unintentional Deaths from poisoning in young people. Wellington: Child and Youth Mortality Review Committee. ISBN 978-0-478-38552-6 (Contributor)

Gee P, Schep L Chapter 8; Benzylpiperazines in Novel Psychoactive Substances: Classification, Pharmacology and Toxicology Paul Dargan (Editor), David Wood (Editor) 2013 Elsevier London

Richardson S, Williams T. Culture and Power in Emergency Nursing. (2013). In Emergency Nursing (Ed Brian Dolan) London: Elsevier.

2012

Ardagh M. Ethical Considerations in Emergency Medicine. In *Textbook of Emergency Medicine - Vol.* 1 & 2. 1st Edition. David, Brown, Nelson, Banerjee, Anantharaman, et al. Wolters Kluwer Health (Lippincott, Williams and Wilkins). Delhi, India. (2012).

2010

Than M. Acute Coronary Syndrome: Biomarkers: Past, present and future. Elsevier Cardiology Advisory Board - Cardiology Update (2010)

Josland H, Richardson S, Richardson A, Edgcombe K, Codlin K, Shaw S. (2010). Rights, Justice, Ethics and Health In Health and Environment In Aotearoa New Zealand (Eds Susan Shaw and Bron Deed). Auckland: Oxford University Press.

Older

Ardagh MW. Resuscitation Ethics. In Textbook of Adult Emergency Medicine. 3rd Edition. P. Cameron, G. Jelinek, AM. Kelly, L. Murray, J. Heyworth eds. London, Churchill Livingston. (2007).

Ardagh MW. Resuscitation Ethics. In Textbook of Adult Emergency Medicine. 2nd Edition. P. Cameron, G. Jelinek, AM. Kelly, L. Murray, J. Heyworth eds. London, Churchill Livingston. (2004) 33 – 37

Ardagh MW. Resuscitation Ethics. In Textbook of Adult Emergency Medicine. P. Cameron, G. Jelinek, AM. Kelly, L. Murray, J. Heyworth eds. London, Churchill Livingston (2000) 33 – 37

Ardagh MW. Lymphomas. In Emergency Medicine, the Core Curriculum. RV. Aghababian Editor in Chief. Washington, Lippincott-Raven (1998)

REFEREED CONFERENCE PROCEEDINGS

2013

Than, M. 2013 Baylor Medical College - Health Lessons of the Christchurch Earthquake

Than, M. 2013 Emergency Medicine International Conference - Health Lessons of the Christchurch Earthquake

Than, M. 2013 Mayo Clinic, Minnesota - Health Lessons of the Christchurch Earthquake

Than, M. 2013 Experts' Workshop, San Francisco American College of Cardiology Annual Scientific Meeting - Clinical Pathways in the Assessment of Chest Pain in the Emergency Department

2012

Than, M. 2012 Grand Round, Christchurch Hospital - Pathways for the Assessment of Cardiac Chest Pain and the Results of the Recent Randomised Controlled Trial

Than, M. 2012 International Conference of Emergency Medicine - Results of a Randomised Controlled Trial in Chest Pain Pathways

Than, M. 2012 IFCC Task Force for Educational Guidance for Cardiac Biomarkers - Use of High Sensitivity Troponin in the Emergency Department

Richardson, S. Australasian & New Zealand Disaster and Emergency Management Conference "Earth: Fire & Rain", Brisbane 16-18th April 2012

Paper presented: The first 24hrs – an emergency department response

2011

Than, M. 2011 South East China Cardiology Conference, China - Chest Pain Pathway and the Use of Troponin for the Investigation of Acute Coronary Syndrome

Than, M. 2011 Beijing Regional Cardiology meeting, China - Chest Pain Pathway and the Use of Troponin for the Investigation of Acute Coronary Syndrome

Than, M. 2011 Australasian College of Emergency Medicine, Winter Symposium - ASPECT and evidence based review of investigation of pulmonary embolism

Than, M. 2011 Asian Conference of Emergency Medicine, Bangkok - ASPECT study

Than, M. 2011 Annual Biomarker scientific symposium, San Diego – ASPECT study

Richardson, S. Australasian Nurse Educators Conference - "Innovations in Nurse Education in Practice: Thinking aloud, thinking ahead", Hamilton, 23-24th Nov 2011 Paper presented: The impact of the Christchurch earthquake event on student learning

2010

Than, M. 2010 Australasian College of Emergency Medicine, Annual Scientific meeting, Canberra - Rule out pathways for chest pain.

Than, M. 2010 International Conference of Emergency Medicine, Singapore – ASPECT

Than, M. 2010 Annual Biomarker scientific symposium, San Diego – ASPECT study

Richardson, S. 8^{th} International College of Emergency Nurses Australasia - "Global Emergency Nursing Leadership"

Canberra, Australia 13-16th October 2010

2009

Than, M. 2009 Australian Academy of Clinical Biochemistry Scientific Educational Symposium - Evidence for Use of Low Troponin Levels (two presentations):

Than, M. Troponin and the Laboratory - Troponin assays and clinical outcomes — T versus I? Clinical Use of Low Levels of Troponin change that predict ACS in ED patients

Than, M. Acceptability and Efficacy of Keratin-Based Dressings in the Chronic Wound: A Preliminary Trial: 1422

Richardson S. Nursing Research Section NZNO Conference - "Celebrating Nursing Research: Opening Doors", Wellington 20 & 21st November, 2009

Papers presented: Formulating consensus: using the Delphi method

The inappropriate attender in New Zealand's emergency departments: whose definition?

Richardson S. College of Emergency Nurses New Zealand and New Zealand Flight Nurses Annual Conference - "Leading in care – soaring in practice", Christchurch 27th-29th August 2009

Paper presented: Who comes to the emergency department and why?

Recipient of the MEDXUS Emergency Nursing Research Award

2008

Richardson S. National Professional Development and Recognition Programme Conference, Christchurch 21-23 October 2008.

Paper presented: Cultural safety in PDRP: leadership, quality, scholarship and reflection.

Lead Author: Sandra Richardson. Co-authors: Anna Richardson, Annette Finlay, Becky Hickmott.

Richardson S. 5th Nursing Leadership conference (Sydney, Australia) 10th-11th April 2008

Workshop presented: Understanding Cultural Safety in Clinical Practice

Paper presented: Establishing Cultural Safety as a clinical standard in professional development and recognition programs.

Lead Author: Sandra Richardson. Co-authors: Anna Richardson, Annette Finlay, Becky Hickmott

2007

Richardson S. Health, Bioethics and the Law: Inclusions and exclusions.

Melbourne, Australia 28th November – 1st December 2007, Joint Conference of The Australasian Bioethics Association / Australian and New Zealand Institute of Health Law and Ethics.

Paper presented: Rationing of emergency department care by limiting access: A risk analysis.

Lead author: S. Richardson. Co-authors: M.L. Moore, M. Ardagh

Richardson S. Improving the Patient Journey Conference, Christchurch, May 2007

Paper presented: Determining patient opportunities: identifying patients, their reasons for attendance and the potential for alternative service development and usage at Christchurch Hospital

2005

Richardson S. Christchurch, NZ. 2-4th September 2005.

Papers presented: The Forensic Nurse Practitioner Role (emergency nursing) – a potential response to changing health needs in New Zealand. (2nd September)

The Patient's Journey. Following elder patients from ED to discharge. (3rd September)

Older

Gee P, Ardagh M. Wound Care, Lacerations and Minor Emergency Department Surgery. In Emergency Medicine, the Principles and Practice. 4th Edition, GWO Fulde ed. Churchill Livingston (2004) 222-228

Richardson S. Third Annual Duty Managers Conference. Christchurch NZ.

Paper presented: The impact of ED overcrowding on bed management and in-patient length of stay (30th November).

Richardson S. The 15th World Congress on Medical Law, Sydney Australia.

Joint presentation of paper: Paper presented: The potential for developing a Forensic nurse Practitioner role in Emergency Departments. (Jointly presented with T.Williams).

Richardson S. Australasian Nurse Educators Conference (ANEC) Rotorua, New Zealand Presentation of paper: "The integration of a research role into a clinical practice environment: educational impact and raising the profile of research"

Richardson S. Australasian Resource Centre for Hospital Initiative (ARCHI) Perth, Western Australia. Toolbox seminar: Emergency demand: thinking outside the square.

Presentation of paper: A research based approach to determining appropriateness of presentation.

Richardson S. Emergency and Flight Nurses Conference Christchurch, New Zealand. May 22-25th, 2003.

Presentation of paper: Research as the way of the future: the integration of the research role into a clinical setting

Richardson S. Australasian Nurse Educators Conference, Auckland, NZ.

Joint presentation of paper: Halfway down the stairs, providing a positive outcome for sociopolitical teaching of final year undergraduate nursing students: validating an emancipatory teaching ideology.

Richardson S. World Organisation of National Colleges, Academies and Academic Associations of General Practitioners/Family Physicians conference: Christchurch, NZ.

Presentation of paper - The interface between primary care and the emergency department.

Richardson S. Emergency Nurses Conference 2001:

Presentation of research paper. Inappropriate attenders and the Emergency Department. Received Pulse Data Award for Emergency Nursing research.

Richardson S. International Centennial of Nursing Conference, London, UK Paper presented: Casualisation of the Nursing Workforce

OTHER FORMS OF DISSEMINATION (reports for clients, technical reports, popular press etc)

Ardagh, M. Management Guidelines for Common Medical Conditions (Editorial committee and section author) Fifth, sixth, Seventh and Eighth Editions, Canterbury Health Limited. 1994, 1996, 1998, and 2000.

Ardagh, M. Major Incident (Disaster) Plan Christchurch Hospital, (Principle reviser). April 1994.

Ardagh, M. Emergency Department Overload Plan, Incorporating the Christchurch Hospital Disaster Plan. June 1996.

Ardagh, M. Emergency Department Guidelines, Christchurch Hospital (Editorial committee and author of sections) First and Second Editions. 1998 and 1999.

Ardagh, M. Medical Council of New Zealand Handbook for Resident Medical Officers, 2000. (Author of sections and editorial committee).

Ardagh, M. Member of Emergency Care Clinical Advisory Group, an advisory group to the Ministry of Health, with publications which include revised Emergency Department Specifications and Staffing Guidelines.

Ardagh, M. Emergency Department Overload Guidelines, for Christchurch Hospital Emergency Department, 2005.

Ardagh, M. Shift management guidelines for Christchurch Hospital Emergency Department, 2005, 2006 and 2007.

Ardagh, M. Member National Guidelines Group, Traumatic Brain Injury Working Party, producing Guidelines for the management and rehabilitation of Traumatic Brain Injury, Accident Compensation Committee, 2006.

Ardagh, M. Member, National Ethics Advisory Committee, 2004 to 2007, with many guideline publications.

Ardagh, M. Member, Ministry of Health Working Group to produce Sector Disposition Tool Guidelines for Primary and Emergency Care. 2007.

Ardagh, M. Project RED Terms of Reference and Action Plan, for Christchurch Hospital Emergency Department, 2007.

Ardagh, M. Member, Ministry of Health Working Group publishing 'Achieving Quality in Emergency Departments', 2008.

Ardagh, M. Chair, New Zealand Emergency Departments Advisory Group publishing 'Emergency

Ardagh, M. Department Observation Units and Inpatient Assessment Units. A guidance statement from the Shorter Stays in the Emergency Department Team.' June 2010.

Ardagh, M. Chair, New Zealand Emergency Departments Advisory Group publishing 'Guidance for New Zealand emergency departments regarding the interface with primary health care.' July 2011.