### **Emergency Department Publications**

#### **JOURNAL ARTICLES**

#### 2019

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Maidlow SC, Ardagh M, Callender R, Thomas O. The New Zealand Medical Journal 132 (1489), 81-88.

#### What influences clinicians to choose wisely?

Raina A, Ardagh M, Loring B. The New Zealand Medical Journal 132 (1502), 16.

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Tan WCJ, Inoue K, AbdelWareth L, Giannitsis E, Kasim S, Shiozaki M, Aw TC, Cheng F, Dung HT, Li YH, Lim SH, Lukito AA, **Than M**, Chu F-Y, Devasia T, Lee C-C, Phrommintikul A, Youn J-C, Chew DP. Circulation Journal. 2019 Dec 18:CJ-19.

Factors influencing physician risk estimates for acute cardiac events in emergency patients with suspected acute coronary syndrome.

Greenslade JH, Sieben N, Parsonage WA, Knowlman T, Ruane L, **Than M**, Pickering JW, Hawkins T, Cullen L. Emergency Medicine Journal. 2019 Nov 12.

Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay.

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### Machine Learning to Predict the Likelihood of Acute Myocardial Infarction.

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### Application of High-Sensitivity Troponin in Suspected Myocardial Infarction.

Neumann JT, Twerenbold R, Ojeda F, Sörensen NA, Chapman AR, Shah ASV, Anand A, Boeddinghaus J, Nestelberger T, Badertscher P, Mokhtari A, Pickering JW, Troughton RW, Greenslade J, Parsonage W, Mueller-Hennessen M, Gori T, Jernberg N, Morris C, Liebetrau C, Hamm HA, Katus T, Münzel U, Landmesser V, Salomaa L, Iacoviello MM, Ferrario, Giampaoli S, Kee F, Thorand B, Peters A, Borchini R, Jørgensen T, Söderberg S, Sans S, Tunstall-Pedoe H, Kuulasmaa K, Renné T, Lackner KJ, Worster A, Body R, Ekelund U, Kavsak PA, Keller T, Lindahl B, Wild P, Giannitsis E, **Than M**, Cullen LA, Mills NL, Mueller C, Zeller T, Westermann D, and Blankenberg S. New England Journal of Medicine. 2019 Jun 27;380(26):2529-40.

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B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope.

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Christchurch Hospital Emergency Department Publications

05.02.2020

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Christchurch Hospital Emergency Department Publications 05.02.2020

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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.

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

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

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### PEER REVIEWED BOOKS, BOOK CHAPTERS, BOOKS EDITED

#### 2019

Michael Ardagh and Joanne Deely. Rising from the Rubble. A health system' extraordinary response to the Canterbury earthquakes. Canterbury University Press, 2018.

Ardagh M. An Ethical Toolkit for the Emergency Department. In *Textbook of Adult Emergency Medicine*. 5th Edition. P. Cameron, G. Jelinek, AM. Kelly, L. Murray, J. Heyworth eds. (2019)

### 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.

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

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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.

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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. 2<sup>nd</sup> Edition. P. Cameron, G. Jelinek, AM. Kelly, L. Murray, J. Heyworth eds. London, Churchill Livingston. (2004) 33 – 37

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#### REFEREED CONFERENCE PROCEEDINGS

Than M. November 2019 ProCardio congress, Philadelphia USA - The Role of Cardiac Biomarkers in Novel Settings

Than M. September 2019 European Society for Cardiology meeting – Troponins

Than M. May 2019 Australasian College for Emergency Medicine Winter Symposium, Rotorua – Artificial Intelligence

Ardagh M. May 2019 Australasian College for Emergency Medicine Winter Symposium, Rotorua - HealthPathways as a social movement

Than M. November 2018 Australasian College for Emergency Medicine Annual Scientific Meeting, Perth, Australia - On the Edge of Artificial Intelligence

Than M. September 2018 European Society for Emergency Medicine meeting, Glasgow, Scotland - Expert analysis of a POC hsTnI and the ability to rule-out in 15 minutes of arrival to the ED

Ardagh M. May 2018 HealthPathways Community Conference, Newcastle, New South Wales - Hospital HealthPathways, and contributing to a number of workshops.

Ardagh M. April 2018 New Zealand Resuscitation Conference, Wellington - Resuscitation ethics

Ardagh M. March 2018 Choosing Wisely Conference, Wellington - HealthPathways and Choosing Wisely

Than M. December 2017 AI Med summit, Los Angeles, USA – Artificial Intelligence in emergency medicine

Than M. November 2017 Australasian College for Emergency Medicine Annual Scientific Meeting, Sydney, Australia – Troponins

Than M. November 2017 American Heart Association meeting, Los Angeles, USA - ICare ACS

Than M. September 2017 European Society for Emergency Medicine meeting, Athens, Greece - Cardiovascular Cutting Edge and Cardiovascular Game Changers

Than M. September 2017 Charitee Hospital Cardiovascular Meeting, Berlin, Germany – Point of Care troponin

Than M. August 2017 Emergency Medicine Foundation Research Symposium, Brisbane, Australia - Artificial Intelligence in Emergency Medicine

Than M. July 2017 American Association for Clinical Chemistry, San Diego, USA - Using high-sensitivity troponins

Than M. February 2017 Emergencies in Medicine conference, Utah, USA - Troponins

Than M. November 2016 Australasian College for Emergency Medicine Annual Scientific Meeting, Queenstown, NZ - Normal high sensitivity troponin concentrations and five-year risk of mortality and Decision-making: Improving ED decision making for chest pain – New Zealand-wide adoption of accelerated chest pain pathways and results from an embedded stepped-wedge implementation

Than M. March 2016 Emergencies in Medicine conference, Utah, USA – Troponins

Than M. November 2015, ProCardio conference, Washington, USA – Troponins

Than M. September 2015 GREAT Network congress, Rome, Italy – Canterbury Earthquakes

Than M. August 2015 European Society for Cardiology, London, UK - The 99th percentile of an updated heart fatty acid binding protein assay combines with high sensitive troponin I to rule out acute myocardial infarction on presentation to the emergency department

Than M. November 2013 American Heart Association, Dallas, USA - A novel human cardiac troponin T upstream open reading frame peptide assists in the diagnosis and prognosis of NSTEMI patients

Than M. August 2013 European Society for Cardiology, Amsterdam, The Netherlands - Use of sex-specific cut-offs with highly sensitive troponin I assay values for the diagnosis of acute myocardial infarction in emergency patients with chest pain

Than M. May 2013 Society of Academic Emergency Medicine, Atlanta, USA - External validation of the Australasian ED acute coronary syndrome score

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

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 16-18<sup>th</sup> April 2012

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

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, 23-24<sup>th</sup> Nov 2011

Paper presented: The impact of the Christchurch earthquake event on student learning

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<sup>th</sup> International College of Emergency Nurses Australasia - "Global Emergency Nursing Leadership"

Canberra, Australia 13-16<sup>th</sup> October 2010

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 27<sup>th</sup>-29<sup>th</sup> August 2009

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

Recipient of the MEDXUS Emergency Nursing Research Award

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. 5<sup>th</sup> Nursing Leadership conference (Sydney, Australia) 10<sup>th</sup>-11<sup>th</sup> 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

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

Melbourne, Australia 28<sup>th</sup> November – 1<sup>st</sup> 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

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. (3<sup>rd</sup> September)

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 (30<sup>th</sup> November).

Richardson S. The 15<sup>th</sup> 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 22-25<sup>th</sup>, 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.