

Aaron Conway

RBC CHAIR IN CARDIOVASCULAR NURSING RESEARCH

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Education

Australian Catholic University

PHD Brisbane, AU
2010 - 2012

Australian Catholic University

BACHELOR OF NURSING (HONOURS) Brisbane, AU
2007 - 2008

Australian Catholic University

BACHELOR OF NURSING Brisbane, AU
2004 - 2006

Employment

University of Toronto

RBC CHAIR IN CARDIOVASCULAR NURSING RESEARCH Toronto, CA
2018 - Current

Queensland University of Technology

SENIOR RESEARCH FELLOW Brisbane, AU
2017 - 2018

Wesley Hospital

REGISTERED NURSE Brisbane, AU
2007 - 2018

Queensland University of Technology

RESEARCH FELLOW Brisbane, AU
2013 - 2017

Funding

Wesley Medical Research

GRANT \$18356
2016 - 2019

- Optimising the clinical application of capnography for monitoring of ventilation during sedation in the cardiac catheterisation laboratory

St. Vincent's Clinic Foundation

GRANT \$25000
2016 - 2016

- Maintaining normoTHERMia during SEDation: The Thermised Pilot Study

Interventional Nurses Council

GRANT \$5000
2014 - 2014

- Ascertaining the effectiveness of current nursing practices in maintaining normothermia during procedures performed in the cardiac catheterisation laboratory

Sigma Theta Tau International

GRANT \$5604
2014 - 2014

- A pilot study of nurse-led screening for anxiety and depression in adult heart transplant recipients followed by referral for cognitive behaviour therapy and co-ordination of communication with ongoing specialist and primary care providers

Queensland Nursing Council

AWARD \$5000
2007 - 2008

- Postgraduate scholarship

Australian Catholic University

AWARD \$71664
2011 - 2012

- Australian Postgraduate Award

- Improving nurse-administered sedation practice in the cardiac catheterisation laboratory

Publications

1. Amy J. Spooner, Natasha Booth, Tai-Rae Downer, et al (2019). Advanced practice profiles and work activities of nurse navigators: An early-stage evaluation. *Collegian* , **26** , 103-109 doi : 10.1016/j.collegn.2018.05.003
2. Adrienne P. Hudson, Amy J. Spooner, Natasha Booth, et al (2019). Qualitative insights of patients and carers under the care of nurse navigators. *Collegian* , **26** , 110-117 doi : 10.1016/j.collegn.2018.05.002
3. Aaron Conway, Elizabeth Tipton, Wei-Hong Liu, et al (2018). Accuracy and precision of transcutaneous carbon dioxide monitoring: a systematic review and meta-analysis. *Thorax* , **74** , 157-163 doi : 10.1136/thoraxjnl-2017-211137
4. Aaron Conway, Jed Duff, Joanna Sutherland (2018). Cost-effectiveness of forced air warming during sedation in the cardiac catheterisation laboratory. *Journal of Advanced Nursing* , **74** , 2075-2081 doi : 10.1111/jan.13707
5. William Parker, Cameron G. Estrich, Elliot Abt, et al (2018). Benefits and harms of capnography during procedures involving moderate sedation. *The Journal of the American Dental Association* , **149** , 38-50.e2 doi : 10.1016/j.adaj.2017.08.030
6. Denham S. Ward, Mark R. Williams, John W. Berkenbosch, et al (2018). Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 2 Safety. *Anesthesia & Analgesia* , **127** , 1146-1154 doi : 10.1213/ane.0000000000003409
7. Aaron Conway (2018). Nurses should inform patients of the possibility of awareness during bronchoscopy performed with procedural sedation. *Evidence Based Nursing* , **21** , 82-83 doi : 10.1136/eb-2018-102922
8. Aaron Conway, Zachary Conway, Kathleen Soalheira, et al (2018). Reply to. *European Journal of Anaesthesiology* , **35** , 637-638 doi : 10.1097/eja.0000000000000851
9. Aaron Conway, Suzanna Ersotelos, Joanna Sutherland, et al (2017). Forced air warming during sedation in the cardiac catheterisation laboratory: a randomised controlled trial. *Heart* , **104** , 685-690 doi : 10.1136/heartjnl-2017-312191
10. Aaron Conway, Judith Sheridan, Joanne Maddicks-Law, et al (2017). Depression and Pain in Heart Transplant Recipients. *Biological Research For Nursing* , **19** , 71-76 doi : 10.1177/1099800416666717
11. Aaron Conway, Zachary Conway, Kathleen Soalheira, et al (2017). High quality of evidence is uncommon in Cochrane systematic reviews in Anaesthesia, Critical Care and Emergency Medicine. *European Journal of Anaesthesiology* , **34** , 808-813 doi : 10.1097/eja.0000000000000691
12. Aaron Conway, Judith Sheridan, Joanne Maddicks-Law, et al (2016). Pilot testing a model of psychological care for heart transplant recipients. *BMC Nursing* , **15** doi : 10.1186/s12912-016-0183-1
13. Aaron Conway, Judith Sheridan, Joanne Maddicks-Law, et al (2016). Accuracy of anxiety and depression screening tools in heart transplant recipients. *Applied Nursing Research* , **32** , 177-181 doi : 10.1016/j.apnr.2016.07.015
14. Aaron Conway (2016). A Review of the Effects of Sedation on Thermoregulation: Insights for the Cardiac Catheterization Laboratory. *Journal of PeriAnesthesia Nursing* , **31** , 226-236 doi : 10.1016/j.jopan.2014.07.016
15. A. Conway, C. Douglas, J. R. Sutherland (2016). A systematic review of capnography for sedation. *Anaesthesia* , **71** , 450-454 doi : 10.1111/anae.13378

16. Aaron Conway, Clint Douglas, Joanna R Sutherland (2016). Capnography for Moderate Sedation During Routine EGD and Colonoscopy. *American Journal of Gastroenterology* , **111** , 1208 doi : 10.1038/ajg.2016.161
17. Aaron Conway, Joanna Sutherland (2016). Depth of anaesthesia monitoring during procedural sedation and analgesia: A systematic review and meta-analysis. *International Journal of Nursing Studies* , **63** , 201-212 doi : 10.1016/j.ijnurstu.2016.05.004
18. Aaron Conway, Jed Duff (2016). Forced air warming to maintain normoTHERMia during SEDation in the cardiac catheterization laboratory: protocol for the THERMISED pilot randomized controlled trial. *Journal of Advanced Nursing* , **72** , 2547-2557 doi : 10.1111/jan.13027
19. Aaron Conway, John Rolley, Joanna R Sutherland (2016). Midazolam for sedation before procedures. *Cochrane Database of Systematic Reviews* doi : 10.1002/14651858.cd009491.pub2
20. Wendy Kennedy, Aaron Conway (2016). Temperature monitoring of nonanaesthetised patients in a cardiac catheterisation laboratory. *Journal of Clinical Nursing* , **25** , 1777-1780 doi : 10.1111/jocn.13213
21. Aaron Conway, Wendy Kennedy, Joanna Sutherland (2015). Inadvertent Hypothermia After Procedural Sedation and Analgesia in a Cardiac Catheterization Laboratory: A Prospective Observational Study. *Journal of Cardiothoracic and Vascular Anesthesia* , **29** , 1285-1290 doi : 10.1053/j.jvca.2015.06.002
22. Aaron Conway, Clint Douglas, Joanna Sutherland (2015). Capnography monitoring during procedural sedation and analgesia: a systematic review protocol. *Systematic Reviews* , **4** doi : 10.1186/s13643-015-0085-4
23. Aaron Conway, Joanna Sutherland (2015). Depth of anaesthesia monitoring during procedural sedation and analgesia: a systematic review protocol. *Systematic Reviews* , **4** doi : 10.1186/s13643-015-0061-z
24. Aaron Conway, Alexandra L McCarthy, Petra Lawrence, et al (2015). The prevention, detection and management of cancer treatment-induced cardiotoxicity: a meta-review. *BMC Cancer* , **15** doi : 10.1186/s12885-015-1407-6
25. Sally C Inglis, Aaron Conway, John GF Cleland, et al (2014). Is age a factor in the success or failure of remote monitoring in heart failure? Telemonitoring and structured telephone support in elderly heart failure patients. *European Journal of Cardiovascular Nursing* , **14** , 248-255 doi : 10.1177/1474515114530611
26. Aaron Conway, Karen Page, John X. Rolley, et al (2014). A Review of Sedation Scales for the Cardiac Catheterization Laboratory. *Journal of PeriAnesthesia Nursing* , **29** , 191-212 doi : 10.1016/j.jopan.2013.05.017
27. Aaron Conway (2014). Anaesthesiological support in a cardiac electrophysiology laboratory. *European Journal of Anaesthesiology* , **31** , 237-238 doi : 10.1097/eja.0000000000000032
28. Aaron Conway, Sally C. Inglis, Robyn A. Clark (2014). Effective Technologies for Noninvasive Remote Monitoring in Heart Failure. *Telemedicine and e-Health* , **20** , 531-538 doi : 10.1089/tmj.2013.0267
29. A. Conway (2014). Is sedation by non-anaesthetists really safe?. *British Journal of Anaesthesia* , **112** , 583-584 doi : 10.1093/bja/aeu033
30. Aaron Conway, Verena Schadewaldt, Robyn Clark, et al (2014). The effectiveness of non-pharmacological interventions in improving psychological outcomes for heart transplant recipients: A systematic review. *European Journal of Cardiovascular Nursing* , **13** , 108-115 doi : 10.1177/1474515113519519
31. Aaron Conway, John Rolley, Karen Page, et al (2014). Trends in nurse-administered procedural sedation and analgesia across cardiac catheterisation laboratories in Australia and New Zealand: Results of an electronic survey. *Australian Critical Care* , **27** , 4-10 doi : 10.1016/j.aucc.2013.05.003
32. Robyn A Clark, Aaron Conway, Vanessa Poulsen, et al (2013). Alternative models of cardiac rehabilitation: A

33. Aaron Conway (2013). Anxiety Score as a Risk Factor for Radial Artery Vasospasm During Radial Interventions. *Angiology* , **65** , 71-72 doi : 10 . 1177 / 0003319713505896
34. Aaron Conway, John Rolley, Karen Page, et al (2013). Issues and challenges associated with nurse-administered procedural sedation and analgesia in the cardiac catheterisation laboratory: a qualitative study. *Journal of Clinical Nursing* , **23** , 374-384 doi : 10 . 1111 / jocn . 12147
35. Aaron Conway, John Rolley, Karen Page, et al (2013). Clinical practice guidelines for nurse-administered procedural sedation and analgesia in the cardiac catheterization laboratory: a modified Delphi study. *Journal of Advanced Nursing* , **70** , 1040-1053 doi : 10 . 1111 / jan . 12337
36. Aaron Conway, John X. Rolley, Paul Fulbrook, et al (2013). Improving statistical analysis of matched case-control studies. *Research in Nursing & Health* , **36** , 320-324 doi : 10 . 1002 / nur . 21536
37. Aaron Conway, Sally C Inglis, Anne M Chang, et al (2013). Not all systematic reviews are systematic: a meta-review of the quality of systematic reviews for non-invasive remote monitoring in heart failure. *Journal of Telemedicine and Telecare* , **19** , 326-337 doi : 10 . 1177 / 1357633x13503427
38. Aaron Conway, Verena Schadewaldt, Robyn Clark, et al (2013). The psychological experiences of adult heart transplant recipients: A systematic review and meta-summary of qualitative findings. *Heart & Lung* , **42** , 449-455 doi : 10 . 1016 / j . hrtlng . 2013 . 08 . 003
39. Aaron Conway (2013). Utility of Dexmedetomidine in Sedation for Radiofrequency Ablation of Atrial Fibrillation. *Journal of PeriAnesthesia Nursing* , **28** , 257-258 doi : 10 . 1016 / j . jopan . 2013 . 07 . 006
40. Aaron Conway, Karen Page, John Rolley, et al (2012). Risk factors for impaired respiratory function during nurse-administered procedural sedation and analgesia in the cardiac catheterisation laboratory: a matched case-control study. *European Journal of Cardiovascular Nursing* , **12** , 393-399 doi : 10 . 1177 / 1474515112470351
41. Aaron Conway, Karen Page, John X. Rolley, et al (2011). Nurse-administered procedural sedation and analgesia in the cardiac catheter laboratory: An integrative review. *International Journal of Nursing Studies* , **48** , 1012-1023 doi : 10 . 1016 / j . ijnurstu . 2011 . 04 . 013