

# Aaron Conway

RBC CHAIR IN CARDIOVASCULAR NURSING RESEARCH

Peter Munk Cardiac Centre, UHN and University of Toronto

+1 (416) 946-7112 | [aaron.conway@utoronto.ca](mailto:aaron.conway@utoronto.ca) | [aaronconway.info](http://aaronconway.info) | [awconway](https://www.linkedin.com/company/awconway) | [aaron-conway-toronto](https://www.linkedin.com/company/aaron-conway-toronto) | [aw\\_conway](https://twitter.com/aw_conway)

## 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

## Awards

### Publons

TOP 1% OF REVIEWERS IN THE FIELD OF CLINICAL MEDICINE 2018

### Publons

TOP 1% REVIEWERS IN NURSING 2017

### Publons

SENTINELS OF SCIENCE: NURSING 2016

### American Society of PeriAnesthesia Nurses

MARY HANNA MEMORIAL JOURNALISM AWARD 2015

### Research in Nursing and Health

BEST REVIEWER AWARD 2013

### Cardiac Society of Australia and New Zealand

TRAVEL AWARD 2012

## Prince Charles Hospital

RUNNER-UP, NOVICE RESEARCHER PRIZE

2012

## Cardiac Society of Australia and New Zealand

RUNNER-UP, NURSING AFFILIATE'S PRIZE

2012

## Australasian Cardiovascular Nursing College

BEST POSTER AND MINI-ORAL PRESENTATION

2012

## Wesley Hospital

COMMITMENT TO SAFETY & QUALITY AWARD

2011

## Wesley Hospital

TRAVEL BURSARY

2011

## Australasian Cardiovascular Nursing College

BEST POSTER AND MINI-ORAL PRESENTATION

2011

## Service

---

### Systematic Reviews

ASSOCIATE EDITOR

2019 - Current

### Australasian Cardiovascular Nursing College

CHAIR, CONFERENCE COMMITTEE

2017 - 2018

### National Health and Medical Research Council

EXTERNAL PEER REVIEWER

2018 - 2018

### Australasian Cardiovascular Nursing College

SECRETARY

2017 - 2018

### Interventional Nurses Council

EXECUTIVE COMMITTEE MEMBER

2016 - 2018

### Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER)

COMMITTEE MEMBER

2017 - 2017

### Australasian Cardiovascular Nursing College

CONFERENCE COMMITTEE

2016 - 2017

## Memberships

---

### Canadian Cardiovascular Society

MEMBER

2018 - Current

### Sigma Theta Tau International

MEMBER

2010 - Current

### Cardiac Society of Australia and New Zealand

AFFILIATE MEMBER

2010 - Current

## Funding

---

### Wesley Medical Research

\$18356

GRANT

2016 - 2019

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

### St. Vincent's Clinic Foundation

\$25000

GRANT

2016 - 2016

- Maintaining normoTHERMia during SEDation: The Thermised Pilot Study

### Interventional Nurses Council

\$5000

GRANT

2014 - 2014

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

### Sigma Theta Tau International

\$5604

GRANT

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

\$5000

AWARD

2007 - 2008

- Postgraduate scholarship

### Australian Catholic University

\$71664

AWARD

2011 - 2012

- Australian Postgraduate Award

### National Health and Medical Research Council

\$309436

SALARY AWARD

2015 - 2019

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

## Open Source Software

---

### spiritR

A WORKFLOW TO ENABLE DIRECT UPLOAD OF A CLINICAL TRIAL PROTOCOL TO CLINICALTRIALS.GOV

2019

## 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-2017-211
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 pro-

cedures 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 Se-

dation 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 systematic review. *European Journal of Preventive Cardiology* , **22** , 35-74 doi : 10 . 1177 / 2047487313501093
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

## Peer reviews

---

Journal of Clinical Nursing	52
Research in Nursing & Health	38
Journal of Peri-Anesthesia Nursing	13
Journal of Advanced Nursing	12
Journal of Advanced Nursing	11
International Journal of Nursing Studies	8
Journal of Medical Internet Research	7
The JBI Database of Systematic Reviews and Implementation Reports	3
Telemedicine and e-Health	3
Contemporary Nurse	3
Heart	3
Heart & Lung	2

<b>Clinical Transplantation</b>	2
<b>Odontology</b>	2
<b>Australian Critical Care</b>	2
<b>BMJ Open</b>	2
<b>Therapeutics and Clinical Risk Management</b>	2
<b>Oncotarget</b>	2
<b>Clinical Nursing Research</b>	2
<b>The Journal of Heart and Lung Transplantation</b>	1
<b>Current Medical Research and Opinion</b>	1
<b>Biological Research For Nursing</b>	1
<b>Collegian</b>	1
<b>Journal of Clinical Epidemiology</b>	1
<b>Journal of Clinical Anesthesia</b>	1
<b>PLOs ONE</b>	1
<b>Health &amp; Social Care in the Community</b>	1
<b>The Journal of Pediatrics</b>	1
<b>BMJ Open Gastroenterology</b>	1
<b>IEEE Journal of Biomedical and Health Informatics</b>	1

<b>The Joint Commission Journal on Quality and Patient Safety</b>	1
<b>The Journal of General Psychology</b>	1
<b>BDJ Open</b>	1
<b>Annals of Medicine</b>	1
<b>Clinical Cardiology</b>	1
<b>International Journal of Nursing Practice</b>	1
<b>Wiley journal not otherwise classified</b>	1
<b>Cochrane Database of Systematic Reviews</b>	1
<b>Pediatric Drugs</b>	1
<b>Disability and Rehabilitation</b>	1
<b>Western Journal of Nursing Research</b>	1
<b>Elsevier journal not otherwise classified</b>	1