

Education

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| <i>PhD</i> Australian Catholic University Brisbane, AU | 2010 - 2012 |
| <i>Bachelor of Nursing (Honours)</i> Australian Catholic University Brisbane, AU | 2007 - 2008 |
| <i>Bachelor of Nursing</i> Australian Catholic University Brisbane, AU | 2004 - 2006 |

Employment

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| <i>RBC Chair in Cardiovascular Nursing Research</i> University of Toronto Toronto, CA | 2018 - Current |
| <i>Senior Research Fellow</i> Queensland University of Technology Brisbane, AU | 2017 - 2018 |
| <i>Registered Nurse</i> Wesley Hospital Brisbane, AU | 2007 - 2018 |
| <i>Research Fellow</i> Queensland University of Technology Brisbane, AU | 2013 - 2017 |

Awards

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| <i>Early Career Teaching Award</i> University of Toronto | 2020 |
| <i>Top 1% of Reviewers in the field of Clinical Medicine</i> Publons | 2018 |
| <i>Top 1% Reviewers in Nursing</i> Publons | 2017 |
| <i>Sentinels of Science: Nursing</i> Publons | 2016 |
| <i>Mary Hanna Memorial Journalism Award</i> American Society of PeriAnesthesia Nurses | 2015 |
| <i>Best Reviewer Award</i> Research in Nursing and Health | 2013 |
| <i>Travel Award</i> Cardiac Society of Australia and New Zealand | 2012 |
| <i>Runner-up, Novice Researcher Prize</i> Prince Charles Hospital | 2012 |
| <i>runner-up, Nursing Affiliate's Prize</i> Cardiac Society of Australia and New Zealand | 2012 |
| <i>Best poster and mini-oral presentation</i> Australasian Cardiovascular Nursing College | 2012 |
| <i>Commitment to Safety & Quality Award</i> Wesley Hospital | 2011 |

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| <i>Travel Bursary</i> Wesley Hospital | 2011 |
| <i>Best poster and mini-oral presentation</i> Australasian Cardiovascular Nursing College | 2011 |

Service

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| <i>Associate Editor</i> Systematic Reviews | 2019 - Current |
| <i>Grant review panel</i> National Health and Medical Research Council | 2019 - 2019 |
| <i>Executive Committee Member</i> Interventional Nurses Council | 2016 - 2018 |
| <i>Chair, Conference committee</i> Australasian Cardiovascular Nursing College | 2017 - 2018 |
| <i>External peer reviewer</i> National Health and Medical Research Council | 2018 - 2018 |
| <i>Secretary</i> Australasian Cardiovascular Nursing College | 2017 - 2018 |
| <i>Committee member</i> Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) | 2017 - 2017 |
| <i>Conference Committee</i> Australasian Cardiovascular Nursing College | 2016 - 2017 |

Memberships

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| Member Sigma Theta Tau International | 2010 - Current |
| Affiliate member Cardiac Society of Australia and New Zealand | 2010 - Current |
| Member Australasian Cardiovascular Nursing College | 2010 - Current |
| Member Australian College of Nursing | 2006 - Current |

Funding

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| <i>Optimising the clinical application of capnography for monitoring of ventilation during sedation in the cardiac catheterisation laboratory</i> Wesley Medical Research \$18356.0 | 2016 - 2019 |
| <i>Maintaining normoTHERMia during SEDation: The Thermised Pilot Study</i> St. Vincent's Clinic Foundation \$25000 | 2016 - 2016 |
| <i>Ascertaining the effectiveness of current nursing practices in maintaining normothermia during procedures performed in the cardiac catheterisation laboratory</i> Interventional Nurses Council \$5000 | 2014 - 2014 |
| <i>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</i> Sigma Theta Tau International \$5604 | 2014 - 2014 |
| <i>Postgraduate scholarship</i> Queensland Nursing Council \$5000 | 2007 - 2008 |

Australian Postgraduate Award
Australian Catholic University
\$71664

2011 - 2012

High flow nasal oxygen for sedation
Connaught Fund
\$19000.0

2019 - 2021

Improving nurse-administered sedation practice in the cardiac catheterisation laboratory
National Health and Medical Research Council
\$309436

2015 - 2019

Publications

65
articles

951
citations

15
h-index

Journal articles

1. Aaron Conway, Kristina Chang, Sebastian Mafeld, et al. (2021). Midazolam for sedation before procedures in adults and children: a systematic review update. *Systematic Reviews*, **10**. [doi:10.1186/s13643-021-01617-5](https://doi.org/10.1186/s13643-021-01617-5)
2. Rochelle Wynne, Aaron Conway, Patricia M. Davidson. (2021). Ensuring COVID-related innovation is sustained. *Journal of Advanced Nursing*. [doi:10.1111/jan.14837](https://doi.org/10.1111/jan.14837)
3. Aaron Conway, Kristina Chang, Navpreet Kamboj, et al. (2021). Development and validation of the nursing confidence in managing sedation complications scale. *Nursing Open*. [doi:10.1002/nop2.725](https://doi.org/10.1002/nop2.725)
4. Aaron Conway, Kristina Chang, Megan Bittner, et al. (2021). Validating the Peri-operative Thirst Discomfort Scale for Measuring Thirst Discomfort Prior to Procedures. *Journal of Radiology Nursing*, **40**, 75-79. [doi:10.1016/j.jradnu.2020.10.006](https://doi.org/10.1016/j.jradnu.2020.10.006)
5. Aaron Conway, Megan Bittner, Dan Phan, et al. (2020). Accuracy and precision of zero-heat-flux temperature measurements with the 3M™ Bair Hugger™ Temperature Monitoring System: a systematic review and meta-analysis. *Journal of Clinical Monitoring and Computing*, **35**, 39-49. [doi:10.1007/s10877-020-00543-6](https://doi.org/10.1007/s10877-020-00543-6)
6. Katina Coronas-Watkins, Marie Cooke, Karen Theobald, et al. (2020). Effectiveness of nurse-led clinics in the early discharge period after percutaneous coronary intervention: A systematic review. *Australian Critical Care*. [doi:10.1016/j.aucc.2020.10.012](https://doi.org/10.1016/j.aucc.2020.10.012)
7. Sebastian Mafeld, E. L. S. Musing, Aaron Conway, et al. (2020). Avoiding and Managing Error in Interventional Radiology Practice: Tips and Tools. *Canadian Association of Radiologists Journal*, **71**, 528-535. [doi:10.1177/0846537119899215](https://doi.org/10.1177/0846537119899215)
8. Joanna R. Sutherland, Aaron Conway, Erica L. Sanderson. (2020). Preprocedural Assessment for Patients Anticipating Sedation. *Current Anesthesiology Reports*, **10**, 35-42. [doi:10.1007/s40140-020-00368-8](https://doi.org/10.1007/s40140-020-00368-8)
9. Nicholas Ralph, Jeffrey Gow, Aaron Conway, et al. (2020). Costs of inadvertent perioperative hypothermia in Australia: A cost-of-illness study. *Collegian*, **27**, 345-351. [doi:10.1016/j.collegn](https://doi.org/10.1016/j.collegn)

10. Aaron Conway, Peter Collins, Kristina Chang, et al. (2019). Pre-apneic capnography waveform abnormalities during procedural sedation and analgesia. *Journal of Clinical Monitoring and Computing*, **34**, 1061-1068. [doi:10.1007/s10877-019-00391-z](#)
11. Aaron Conway, Peter Collins, Kristina Chang, et al. (2019). Sequence analysis of capnography waveform abnormalities during nurse-administered procedural sedation and analgesia in the cardiac catheterization laboratory. *Scientific Reports*, **9**. [doi:10.1038/s41598-019-46751-2](#)
12. Mary-Anne Ramis, Anne Chang, Aaron Conway, et al. (2019). Theory-based strategies for teaching evidence-based practice to undergraduate health students: a systematic review. *BMC Medical Education*, **19**. [doi:10.1186/s12909-019-1698-4](#)
13. Peter Brown, Aik-Choon Tan, Mohamed A El-Esawi, et al. (2019). Large expert-curated database for benchmarking document similarity detection in biomedical literature search. *Database*, **2019**. [doi:10.1093/database/baz085](#)
14. Aaron Conway, Jeffrey Gow, Nicholas Ralph, et al. (2019). Implementing a thermal care bundle for inadvertent perioperative hypothermia: A cost-effectiveness analysis. *International Journal of Nursing Studies*, **97**, 21-27. [doi:10.1016/j.ijnurstu.2019.04.017](#)
15. 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.colegn.2018.05.003](#)
16. 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.colegn.2018.05.002](#)
17. 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-2017-211466](#)
18. 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](#)
19. 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](#)
20. 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](#)
21. 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](#)
22. Aaron Conway, Zachary Conway, Kathleen Soalheira, et al. (2018). Reply to. *European Journal of Anaesthesiology*, **35**, 637-638. [doi:10.1097/eja.0000000000000851](#)
23. 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](#)
24. 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](#)
25. Aaron Conway, Judith Sheridan, Joanne Maddicks-Law, et al. (2016). Depression and Pain in Heart Transplant Recipients. *Biological Research For Nursing*, **19**, 71-76. [doi:10.1177/1099800416666717](#)
26. 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](#)
27. 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](#)
28. 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](#)

29. 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](#)
30. A. Conway, C. Douglas, J. R. Sutherland. (2016). A systematic review of capnography for sedation. *Anaesthesia*, **71**, 450-454. [doi:10.1111/anae.13378](#)
31. 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](#)
32. 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](#)
33. 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](#)
34. Aaron Conway, John Rolley, Joanna R Sutherland. (2016). Midazolam for sedation before procedures. *Cochrane Database of Systematic Reviews*. [doi:10.1002/14651858.cd009491.pub2](#)
35. 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](#)
36. 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](#)
37. 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](#)
38. 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](#)
39. 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](#)
40. 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](#)
41. 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](#)
42. A. Conway. (2014). Is sedation by non-anaesthetists really safe?. *British Journal of Anaesthesia*, **112**, 583-584. [doi:10.1093/bja/aeu033](#)
43. 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](#)
44. 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](#)
45. Aaron Conway. (2014). Anaesthesiological support in a cardiac electrophysiology laboratory. *European Journal of Anaesthesiology*, **31**, 237-238. [doi:10.1097/eja.0000000000000032](#)
46. Aaron Conway. (2013). Anxiety Score as a Risk Factor for Radial Artery Vasospasm During Radial Interventions. *Angiology*, **65**, 71-72. [doi:10.1177/0003319713505896](#)

47. 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](https://doi.org/10.1111/jan.12337)
48. 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](https://doi.org/10.1111/jocn.12147)
49. 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](https://doi.org/10.1177/2047487313501093)
50. 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](https://doi.org/10.1002/nur.21536)
51. 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](https://doi.org/10.1177/1357633x13503427)
52. 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](https://doi.org/10.1016/j.hrtlng.2013.08.003)
53. 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](https://doi.org/10.1016/j.jopan.2013.07.006)
54. 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](https://doi.org/10.1177/1474515112470351)
55. 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](https://doi.org/10.1016/j.ijnurstu.2011.04.013)

Software

[spiritR](#)

A workflow to enable direct upload of a clinical trial protocol to clinicaltrials.gov

2019

Peer reviews

Dr Conway has performed 245 reviews since he commenced an academic career in 2013. He is also an Associate Editor for the journal Systematic Reviews.

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