
Education

<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

<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	

Awards

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

Service

<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

Memberships

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

<i>A parallel cluster-randomized trial of the Integrated Pulmonary Index for nurse-administered procedural sedation</i> Medtronic \$63500.0	2021 - 2023
<i>High flow nasal oxygen for sedation</i> Connaught Fund \$19000.0	2019 - 2021
<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>Improving nurse-administered sedation practice in the cardiac catheterisation laboratory</i> National Health and Medical Research Council \$309436	2015 - 2019

Maintaining normoTHERMia during SEDation: The Thermised Pilot Study
St. Vincent's Clinic Foundation
\$25000

2016 - 2016

Ascertaining the effectiveness of current nursing practices in maintaining normothermia during procedures performed in the cardiac catheterisation laboratory
Interventional Nurses Council
\$5000

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
Sigma Theta Tau International
\$5604

2014 - 2014

Australian Postgraduate Award
Australian Catholic University
\$71664

2011 - 2012

Postgraduate scholarship
Queensland Nursing Council
\$5000

2007 - 2008

Publications

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. Yin Wu, Brooke Levis, John P.A. Ioannidis, et al. (2020). Probability of Major Depression Classification Based on the SCID, CIDI, and MINI Diagnostic Interviews: A Synthesis of Three

- Individual Participant Data Meta-Analyses. *Psychotherapy and Psychosomatics*, **90**, 28-40. [doi:10.1159/000509283](https://doi.org/10.1159/000509283)
7. Katina Corones-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)
 8. 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)
 9. 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)
 10. Brooke Levis, Ying Sun, Chen He, et al. (2020). Accuracy of the PHQ-2 Alone and in Combination With the PHQ-9 for Screening to Detect Major Depression. *JAMA*, **323**, 2290. [doi:10.1001/jama.2020.6504](https://doi.org/10.1001/jama.2020.6504)
 11. 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.colegn.2019.10.003](https://doi.org/10.1016/j.colegn.2019.10.003)
 12. 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](https://doi.org/10.1007/s10877-019-00391-z)
 13. 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](https://doi.org/10.1038/s41598-019-46751-2)
 14. 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](https://doi.org/10.1186/s12909-019-1698-4)
 15. 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](https://doi.org/10.1093/database/baz085)
 16. 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](https://doi.org/10.1016/j.ijnurstu.2019.04.017)
 17. 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](https://doi.org/10.1016/j.colegn.2018.05.003)
 18. 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](https://doi.org/10.1016/j.colegn.2018.05.002)
 19. 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](https://doi.org/10.1136/thoraxjnl-2017-211466)
 20. 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](https://doi.org/10.1111/jan.13707)
 21. 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](https://doi.org/10.1016/j.adaj.2017.08.030)
 22. 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](https://doi.org/10.1213/ane.0000000000003409)
 23. 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](https://doi.org/10.1136/eb-2018-102922)
 24. Aaron Conway, Zachary Conway, Kathleen Soalheira, et al. (2018). Reply to. *European Journal of Anaesthesiology*, **35**, 637-638. [doi:10.1097/eja.0000000000000851](https://doi.org/10.1097/eja.0000000000000851)
 25. 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](https://doi.org/10.1136/heartjnl-2017-312191)
26. 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](https://doi.org/10.1097/eja.0000000000000691)
 27. 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](https://doi.org/10.1177/1099800416666717)
 28. 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](https://doi.org/10.1186/s12912-016-0183-1)
 29. 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](https://doi.org/10.1016/j.apnr.2016.07.015)
 30. 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](https://doi.org/10.1016/j.jopan.2014.07.016)
 31. 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](https://doi.org/10.1111/jocn.13213)
 32. A. Conway, C. Douglas, J. R. Sutherland. (2016). A systematic review of capnography for sedation. *Anaesthesia*, **71**, 450-454. [doi:10.1111/anae.13378](https://doi.org/10.1111/anae.13378)
 33. 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](https://doi.org/10.1038/ajg.2016.161)
 34. 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](https://doi.org/10.1016/j.ijnurstu.2016.05.004)
 35. 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](https://doi.org/10.1111/jan.13027)
 36. Aaron Conway, John Rolley, Joanna R Sutherland. (2016). Midazolam for sedation before procedures. *Cochrane Database of Systematic Reviews*. [doi:10.1002/14651858.cd009491.pub2](https://doi.org/10.1002/14651858.cd009491.pub2)
 37. 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](https://doi.org/10.1053/j.jvca.2015.06.002)
 38. 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](https://doi.org/10.1186/s13643-015-0085-4)
 39. 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](https://doi.org/10.1186/s13643-015-0061-z)
 40. 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](https://doi.org/10.1186/s12885-015-1407-6)
 41. 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](https://doi.org/10.1177/1474515114530611)
 42. 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](https://doi.org/10.1016/j.jopan.2013.05.017)
 43. 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](https://doi.org/10.1089/tmj)

44. A. Conway. (2014). Is sedation by non-anaesthetists really safe?. *British Journal of Anaesthesia*, **112**, 583-584. [doi:10.1093/bja/aeu033](#)
45. 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](#)
46. 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](#)
47. Aaron Conway. (2014). Anaesthesiological support in a cardiac electrophysiology laboratory. *European Journal of Anaesthesiology*, **31**, 237-238. [doi:10.1097/eja.0000000000000032](#)
48. Aaron Conway. (2013). Anxiety Score as a Risk Factor for Radial Artery Vasospasm During Radial Interventions. *Angiology*, **65**, 71-72. [doi:10.1177/0003319713505896](#)
49. 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](#)
50. 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](#)
51. 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](#)
52. 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](#)
53. 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](#)
54. 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](#)
55. 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](#)
56. 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](#)
57. 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](#)

Book Chapters

1. Conway A & Duff K. Common quantitative methods. *Nursing and Midwifery Research: Methods and Appraisal for Evidence Based Practice*. [6th ed.] (2020).

Software

[spiritR](#)

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

2019

Peer reviews

Journal of Clinical Nursing 59

Research in Nursing & Health 41

Journal of Advanced Nursing 29

Journal of Peri-Anesthesia Nursing 16

Systematic Reviews 13

International Journal of Nursing Studies 11

Journal of Medical Internet Research 7

Contemporary Nurse 5

BMC Emergency Medicine 4

Therapeutics and Clinical Risk Management 3

PLoS ONE 3

<i>The JBI Database of Systematic Reviews and Implementation Reports</i>	3
<i>Telemedicine and e-Health</i>	3
<i>Heart</i>	3
<i>Nursing Open</i>	2
<i>Journal of Heart & Lung Transplantation</i>	2
<i>Heart, Lung & Circulation</i>	2
<i>Clinical Transplantation</i>	2
<i>BMJ Open</i>	2
<i>Australian Critical Care</i>	2
<i>Odontology</i>	2
<i>Oncotarget</i>	2
<i>Clinical Nursing Research</i>	2
<i>Medical Devices Evidence and Research</i>	1
<i>Thorax</i>	1

<i>Heart Lung and Circulation</i>	1
<i>Journal of Health Services Research & Policy</i>	1
<i>Human Resources for Health</i>	1
<i>Critical Care Nurse</i>	1
<i>Health & Social Care in the Community</i>	1
<i>BMJ Open Gastroenterology</i>	1
<i>The Journal of Pediatrics</i>	1
<i>Biological Research For Nursing</i>	1
<i>Journal of Clinical Epidemiology</i>	1
<i>IEEE Journal of Biomedical and Health Informatics</i>	1
<i>Collegian</i>	1
<i>Journal of Clinical Anesthesia</i>	1
<i>Current Medical Research and Opinion</i>	1
<i>Joint Commission Journal on Quality & Patient Safety</i>	1

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