



ANZSCTS Database Program Publications & Presentations

Updated: December 2020

Peer-reviewed manuscripts

2020

1. **Farag, J.**, Summerhayes, R., Shen, R., Bailey, M., Williams-Spence, J., Reid, C., & Marasco, S. [Post Cardiomy Extra Corporeal Membrane Oxygenation: Australian Cohort Review](#). *Heart Lung Circ*, 20 (12), 1865-1872.
2. **Flint, A.**, Bailey, M., Reid, C., Smith, J., Tran, L., Wood, E., McQuilten, Z., & Reade, M. [Preoperative identification of cardiac surgery patients at risk of receiving a platelet transfusion: The Australian Cardiac Surgery Platelet Transfusion](#). *Transfusion*, 60 (10), 2272-2283.
3. **Penny-Dimri, J.**, Bergmeir, C., Reid, C., Williams-Spence, J., Cochrane, A., & Smith, J. [Machine Learning Algorithms for Predicting and Risk Profiling of Cardiac Surgery-Associated Acute Kidney Injury](#). *Semin Thorac Cardiovasc Surg*, S1043067920303014. doi: 10.1053/j.semtcvs.2020.09.028. [Epub ahead of print].
4. **Coulson, T.**, Bailey, M., Pilcher, D., Reid, C., Seevanayagam, S., Williams-Spence, J., & Bellomo, R. [Predicting Acute Kidney Injury After Cardiac Surgery Using a Simpler Model](#). *J. Cardiothorac Vasc Anesth*, S1053077020306169. doi: 10.1053/j.jvca.2020.06.072. [Epub ahead of print].
5. **Litton, E.**, Bass, F., Dickson, C., Hillis, G., Inskip, D., Jacques, T., ...ANZICS Clinical Trials Group. [Prophylactic Intra-Aortic Balloon Counterpulsation in High Risk Cardiac Surgery: The PINBALL Pilot Multicentre, Registry-Linked, Randomised, Controlled Feasibility Trial](#). *Heart Lung Circ*, 29 (5), 710-718.
6. **Irving, A.H.**, Harris, A., Petrie, D., Higgins, A., Smith, J., & McQuilten, Z.K. [Impact of Patient Blood Management Guidelines on Blood Transfusions and Patient Outcomes During Cardiac Surgery](#). *J Thorac Cardiovasc Surg*, 160 (2), 437-445.

2019

7. **Tran, L.**, Williams-Spence, J., Shardey, G.C., Smith, J.A., & Reid, C.M. [The Australian and New Zealand Society of Cardiac and Thoracic Surgeons Database Program - Two Decades of Quality Assurance Data](#). *Heart Lung Circ*, 28 (10), 1459-1462.
8. **Si, S.**, Hillis, G.S., Sanfilippo, F.M., Smith, J., Tran, L., Reid, C.M., & Briffa, T. [Surgical aortic valve replacement in Australia, 2002–2015: temporal changes in clinical practice, patient profiles and outcomes](#). *ANZ J Surg*, 89 (9), 1061-1067.
9. **Zhu, M.Z.L.**, Hug, M.M., Billah, B.M., Tran, L., Reid, C.M., Varatharajah, K., & Rosenfeldt, F.L. [On-Pump Beating Heart Versus Conventional Coronary Artery Bypass Grafting Early After](#)



[Myocardial Infarction: A Propensity-Score Matched Analysis From the ANZSCTS Database.](#) *Heart Lung Circ*, 28 (8), 1267-1276.

10. Nag, N., Tran, L., Fotis, K., Smith, J.A., Shardey, G.C., Baker, R.A., & Reid, C.M. [Structured Feedback: Acceptability and Feasibility of a Strategy to Enhance the Role of a Clinical Quality Registry to Drive Change in Cardiac Surgical Practice.](#) *Heart Lung Circ*, 28 (8), 1253-1260.

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11. Nag, N., Tran, L., Fotis, K., Smith, J.A., Shardey, G.C., Baker, R.A., & Reid, C.M. [Structured Feedback: Acceptability and Feasibility of a Strategy to Enhance the Role of a Clinical Quality Registry to Drive Change in Cardiac Surgical Practice.](#) *Heart Lung Circ*, pii: S1443-9506(18)31831-6. doi: 10.1016/j.hlc.2018.07.005. [Epub ahead of print].
12. Royse, A., Pawanis, Z., Canty, D., Ou-Young, J., Eccleston, D., Ajani, A., Reid, C.M., Bellomo, R., & Royse, C. [The Effect on Survival from the use of a Saphenous Vein Graft during Coronary Bypass Surgery: A Large Cohort Study.](#) *Eur J Cardiothorac Surg*, 54 (6), 1093-1100.
13. Ariyaratne, T.V., Ademi, Z., Huq, M., Rosenfeldt, F., Duffy, S.J., Parkinson, B., Yap, C.H., Smith, J., Billah, B., Yan, B.P., Brennan, A.L., Tran, L., & Reid, C.M. [The Real-World Cost-Effectiveness of Coronary Artery Bypass Surgery versus Stenting in High-Risk Patients: Propensity Score-Matched Analysis of a Single-Centre Experience.](#) *Appl Health Econ Health Policy*, 16 (5), 661-674.
14. Zhu, M.Z.L., Huq, M.M., Billah, B.M., Tran, L., Reid, C.M., Varatharajah, K., & Rosenfeldt, F.L. [On-Pump Beating Heart Versus Conventional Coronary Artery Bypass Grafting Early After Myocardial Infarction: A Propensity-Score Matched Analysis From the ANZSCTS Database.](#) *Heart Lung Circ*, pii: S1443-9506(18)31802-X. doi: 10.1016/j.hlc.2018.06.1051. [Epub ahead of print].
15. Litton, E., Bass, F., Delaney, A., Hillis, G., Marasco, S., McGuinness, S., Myles, P.S., Reid, C.M., Smith, J.A., PINBALL study investigators, & ANZICS CTG. [Six-Month Outcomes After High-Risk Coronary Artery Bypass Graft Surgery and Preoperative Intra-aortic Balloon Counterpulsation Use: An Inception Cohort Study.](#) *J Cardiothorac Vasc Anesth*, 32 (5), 2067-2073.
16. Buratto, E., Shi, W.Y., Wynne, R., Poh, C.L., Larobina, M., O'Keefe, M., Goldblatt, J., Tatoulis, J., & Skillington, P.D. [Improved Survival After the Ross Procedure Compared With Mechanical Aortic Valve Replacement.](#) *J Am Coll Cardiol*, 71 (12), 1337-1344.
17. O'Brien, J., Saxena, A., Reid, C.M., Tran, L., Baker, R., Newcomb, A., Smith, J., Huq, M.M., & Duffy, S.J. [Thirty-day Outcomes in Indigenous Australians Following Coronary Artery Bypass Grafting.](#) *Intern Med J*, 48 (7), 780-785.
18. Kilpin, M., Talwar, A., Meneguzzi, J., Tran, L., Reid, C., & Hayward, P. [Two Long-Term Mortality Risk Models For Coronary Artery Bypass Graft Surgery Produced in American Populations Validated in an Australian Population.](#) *Heart Lung Circ*, 27 (1), 79-88.



19. **Karim, M.N.**, Reid, C.M., Huq, M., Brilleman, S.L., Cochrane, A., Tran, L., & Billah, B. [Predicting Long-term Survival After Coronary Artery Bypass Graft Surgery](#). *Interact Cardiovasc Thorac Surg*, 26 (2), 257-263.
20. **Meneguzzi, J.**, Kilpin, M., Zhu, Y.Y., Doi, A., Reid, C., Tran, L., Hayward, P., & Smith, J. [Impact of Discontinuation of Antiplatelet Therapy Prior to Isolated Valve and Combined Coronary Artery Bypass Graft and Valve Procedures on Short and Intermediate Term Outcomes](#). *Heart Lung Circ*, 27 (7), 878-884.

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21. **Dieleman, J.M.**, Peelen, L.M., Coulson, T.G., Tran, L., Reid, C.M., Smith, J.A., Myles, P.S., & Pilcher, D. [Age and Other Perioperative Risk Factors for Postoperative Systemic Inflammatory Response Syndrome After Cardiac Surgery](#). *Br J Anaesth*, 119 (4), 637-644.
22. **Coulson, T.G.**, Mullany, D.V., Reid, C.M., Bailey, M., & Pilcher, D. [Measuring the Quality of Perioperative Care in Cardiac Surgery](#). *Eur Heart J Qual Care Clin Outcomes*, 3 (1), 11-19.
23. **Coulson, T.G.**, Bailey, M., Reid, C.M., Tran, L., Mullany, D.V., Smith, J.A., & Pilcher, D. [The Association between Peri-operative Acute Risk Change \(ARC\) and Long-term Survival after Cardiac Surgery](#). *Anaesthesia*, 72 (12), 1467-1475.
24. **Russell, E.A.**, Reid, C.M., Walsh, W.F., Brown, A., & Maguire, G.P. [Outcome Following Valve Surgery in Australia: Development of an Enhanced Database Module](#). *BMC Health Serv Res*, 17 (1), 43.
25. **Russell, E.A.**, Walsh, W.F., Reid, C.M., Tran, L., Brown, A., Bennetts, J.S., Baker, R.A., Tam, R., & Maguire, G.P. [Outcomes After Mitral Valve Surgery for Rheumatic Heart Disease](#). *Heart Asia*, 9 (2), 1-7.
26. **Russell, E.A.**, Walsh, W.F., Tran, L., Tam, R., Reid, C.M., Brown, A., Bennetts, J.S., Baker, R.A., & Maguire, G.P. [The Burden and Implications of Preoperative Atrial Fibrillation in Australian Heart Valve Surgery Patients](#). *Int J Cardiol*, 227, 100-105.
27. **Karim, M.N.**, Reid, C.M., Tran, L., Cochrane, A., & Billah, B. [Missing Value Imputation Improves Mortality Risk Prediction Following Cardiac Surgery: An Investigation of an Australian Patient Cohort](#). *Heart Lung Circ*, 26 (3), 301-308.
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29. **Karim, M.N.**, Reid, C.M., Cochrane, A., Tran, L., & Billah, B. [Mortality Risk Prediction Models for Coronary Artery Bypass Surgery: Current Scenario and Future Directions](#). *J Cardiovasc Surg*, 58 (6), 931-942.



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31. **Dhurandhar, V.**, Parikh, R., Saxena, A., Valley, M.P., Wilson, M.K., Black, D.A., Tran, L., Reid, C.M. & Bannon, P.G. [The Aortic Root Replacement Procedure: 12-year Experience from the Australian and New Zealand Society of Cardiac and Thoracic Surgeons Database.](#) *Heart Lung Circ*, 25 (12), 1245-51.
32. **Saxena, A.**, Newcomb, A.E., Dhurandhar, V. & Bannon, P.G. [Application of Clinical Databases to Contemporary Cardiac Surgery Practice: Where are We now? \[Review\].](#) *Heart Lung Circ*, 25(3), 237-42.
33. **Dhurandhar, V.**, Parikh, R., Saxena, A., Valley, M.P., Wilson, M.K., Black, D.A., Tran, L., Reid, C. & Bannon, P.G. [Early and Late Outcomes Following Valve Sparing Aortic Root Reconstruction: The ANZSCTS Database.](#) *Heart Lung Circ*, 25(5), 505-11.
34. **Karim, M.N.**, Reid, C.M., Cochrane, A., Tran, L. & Billah, B. [When is 'urgent' really urgent and does it matter? Misclassification of procedural status and implications for risk assessment in cardiac surgery.](#) *Heart Lung Circ*, 25 (2), 196-203.

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38. **McQuilten, Z.K.**, Adrianopoulos, N., Van De Watering, L., Aubron, C., Phillips, L., Bellomo, R., Pilcher, D., Cameron, P., Reid, C.M., Cole-Sinclair, M.F., Newcomb, A., Smith, J., McNeil, J.J. & Wood, E.M. [Introduction of universal prestorage leukodepletion of blood components, and outcomes in transfused cardiac surgery patients.](#) *J Thorac Cardiovasc Surg*, 150 (1), 216-22.
39. **Saxena, A.**, Kapoor, J., Dinh, D., Smith, J.A., Shardey, G.C. & Newcomb, A.E. [Preoperative atrial fibrillation is an independent predictor of worse early and late outcomes after isolated coronary artery bypass graft surgery.](#) *J Cardiol*, 65 (3), 224-9.
40. **DeAnda, A., Jr.**, Grossi, E. A., Balsam, L. B., Moon, M. R., Barlow, C. W., Navia, D. O., Ursomanno, P., Ziganshin, B. A., Rabinovich, A. E., Elefteriades, J. A. & Smith, J. A. [The Chronobiology of](#)



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43. **Russell, E.A.**, Tran, L., Baker, R.A., Bennetts, J.S., Brown, A., Reid, C.M., Tam, R., Walsh, W.F. & Maguire, G.P. [A review of valve surgery for rheumatic heart disease in Australia.](#) *BMC Cardiovasc Disord*, 14, 134-45.
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45. **Saxena, A.**, Shan, L., Dinh, D.T., Reid, C.M., Smith, J.A., Shardey, G.C. & Newcomb, A.E. [Impact of smoking status on outcomes after concomitant aortic valve replacement and coronary artery bypass graft surgery.](#) *Thorac Cardiovasc Surg*, 62 (1), 52-9.
46. **Saxena, A.**, Shi, W.Y., Paramanathan, A., Herle, P., Dinh, D., Smith, J.A., Reid, C.M., Shardey, G. & Newcomb, A.E. [A propensity-score matched analysis on the impact of postoperative atrial fibrillation on the early and late outcomes after concomitant aortic valve replacement and coronary artery bypass graft surgery.](#) *J Cardiovasc Med*, 15(3), 199-206.
47. **Shi, W.Y.**, Yap, C.H., Newcomb, A.E., Hayward, P. A., Tran, L., Reid, C.M., Shardey, G.C. & Smith JA. [Impact of Socioeconomic Status and Rurality on Early Outcomes and Mid-Term Survival after Coronary Artery Bypass Grafting: Insights from a Multicentre Registry.](#) *Heart Lung Circ*, 23(8), 726-36.
48. **Saxena, A.**, Dinh, D. T., Smith, J. A., Reid, C. M., Shardey, G. C. & Newcomb, A. E. [Training surgeon status is not associated with an increased risk of early or late mortality after isolated aortic valve replacement surgery.](#) *Cardiol*, 21(2), 183-90.
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68. **Chan, W.**, Clark, D. J., Ajani, A. E., Yap, C. H., Andrianopoulos, N., Brennan, A. L., Dinh, D. T., Shardey, G. C., Smith, J. A., Reid, C. M. & Duffy, S. J. [Progress towards a National Cardiac Procedure Database--development of the Australasian Society of Cardiac and Thoracic Surgeons \(ASCTS\) and Melbourne Interventional Group \(MIG\) registries.](#) *Heart Lung Circ*, 20(1), 10-8.
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89. **Rosenfeldt, F.** [National cardiac databases for Australia.](#) *Heart Lung Circ*, 10(1), 1-2.

90. **Gale, A. W.** [Peer review and quality assurance in cardiac surgery in Australia.](#) *Heart Lung Circ*, 10, S10-3.

91. **Lusk, S.** [Implementation of a Victorian Cardiac Surgery Database.](#) *Heart Lung Circ*, 10, S34-6.

92. **Reid C.M.**, Solterbeck A., Buxton B.F., Skillington P.D., Shardey G.C., Smith J.A. & Rosenfeldt F.L. [Developing performance Indicators for cardiac surgery: a demonstration project in Victoria.](#) *Heart Lung Circ*, 10 (Suppl 1): S29 - S33.

93. **Skillington, P.** A [National Cardiac Surgery Database: current achievements and future challenges.](#) *Heart Lung Circ*, 10, S2-4.

94. **Smith, J. A.** [Towards a Statewide Cardiac Surgery Database: the Victorian initiative.](#) *Heart Lung Circ*, 10, S26-8.

95. **Tonkin, A. M.** [Why Australia needs a Cardiac Procedures Database.](#) *Heart Lung Circ*, 10, S22-5.



96. **Wolfenden, H.** [A National Cardiac Surgery Database: why, how and when?](#) *Heart Lung Circ*, 10, S5-6.

Annual Reports

1. **Shardey, G.**, Williams-Spence, J., Solman, N., McLaren, J., Brennan, A., Baker, R., Newcomb, A., & Reid, C.M. on behalf of the ANZSCTS Database. *The Australian and New Zealand Society of Cardiac and Thoracic Surgeons Cardiac Surgery Database Program New South Wales Annual Report 2017*. Monash University, DEPM, October 2018. Report No 9.
2. **Shardey, G.**, Williams-Spence, J., Solman, N., McLaren, J., Brennan, A., Baker, R., Newcomb, A., & Reid, C.M. on behalf of the ANZSCTS Database. *The Australian and New Zealand Society of Cardiac and Thoracic Surgeons Cardiac Surgery Database Program National Annual Report 2017*. Monash University, DEPM, October 2018. Report No 11.
3. **Williams-Spence, J.**, McLaren, J., Solman, N., Marrow, N., Shardey, G., Baker, R., Newcomb, A., & Reid, C.m. on behalf of the ANZSCTS Database Program Steering Committee 2018, *Victorian Annual Public Activity Report 2017*, ANZSCTS Database Program, Melbourne, Australia.
4. **Nag, N.**, Turbic, A., Solman, N., Shardey, G., Baker, R., Newcomb, A., & Reid, C.M. on behalf of the ANZSCTS Database Steering Committee 2017, *New South Wales Public Hospital Annual Report 2016*, ANZSCTS Database Program, Melbourne, Australia.
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6. **Nag, N.**, Solman, N., Turbic, A., Billah, B., Shardey, G., & Reid, C.M. on behalf of the ANZSCTS Database Program Steering Committee 2017, *Victorian Public Hospital Annual Activity Report 2016/2017*, ANZSCTS Database Program, Melbourne, Australia.
7. **Nag, N.**, Turbic, A., Solman, N., Tran, L., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2016, *New South Wales Public Hospital Annual Report 2015*, ANZSCTS Database Program, Melbourne, Australia.
8. **Nag, N.**, Solman, N., Tran, L., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2016, *National Annual Report 2015*, ANZSCTS Database Program, Melbourne, Australia.
9. **Tran, L.**, Marrow, N., Solman, N., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2016, *Victorian Public Hospital Annual Report 2015*, ANZSCTS Database Program, Melbourne, Australia.
10. **Tran, L.**, Marrow, N., Ayres, C., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2015, *New South Wales Annual Report 2014*, ANZSCTS Database Program, Melbourne, Australia.



11. **Tran, L.**, Marrow, N., Ayres, C., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2015, *National Annual Report 2014*, ANZSCTS Database Program, Melbourne, Australia.
12. **Tran, L.**, Marrow, N., Ayres, C., Billah, B., Shardey, G. & Reid C.M. on behalf of the ANZSCTS Database Steering Committee 2015, *Victorian Public Hospital Annual Report 2014*, ANZSCTS Database Program, Melbourne, Australia.
13. **Tran, L.**, Dahya, D., Carson, N., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ANZSCTS Database Steering Committee 2014, *New South Wales Annual Report 2013*, ANZSCTS Database Program, Melbourne, Australia.
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19. **Tran, L.**, Dahya, D., Huq, M., Billah, B., Newcomb, A., Shardey, G. & Reid, C.M. on behalf of the ANZSCTS Database Steering Committee 2012, *NSW Health Service Report 2011*, ANZSCTS Database Program, Melbourne, Australia.
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22. **Tran, L.**, Dahya, D., Billah, B., Newcomb, A., Shardey, G. & Reid, C.M. on behalf of the ANZSCTS Database Steering Committee 2012, *Victorian Comprehensive Surgeon's Report 2010 and 2011*, ANZSCTS Database Program, Melbourne, Australia.



23. **Tran, L.**, Menezes, D., Dinh, D.T., Huq, M., Billah, B., Newcomb, A., Shardey, G., & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2011, *NSW Health Services Report 2009 and 2010*, ASCTS Database Project, Melbourne, Australia.
24. **Tran, L.**, Menezes, D., Huq, M., Billah, B., Newcomb, A., Shardey, G., & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2011, *National Annual Report 2009 and 2010*, ASCTS Database Project, Melbourne, Australia.
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26. **Dinh, D.T.**, Tran, L., Chand, V., Newcomb, A., Shardey, G., Huq, M., Billah, B. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2011, *Victorian Annual Comprehensive Surgeons Report 2009-2010*, ASCTS Database Project, Melbourne, Australia.
27. **Dinh, D.T.**, Vijayasingham, L., Ariyaratne, T.V., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2010, *NSW Report 2008-2009*, ASCTS Database Project, Melbourne, Australia.
28. **Dinh, D.T.**, Vijayasingham, L., Ariyaratne, T.V., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2010, *National Report 2008-2009*, ASCTS Database Project, Melbourne, Australia.
29. **Dinh, D.T.**, Di Giambattista, K., Vijayasingham, L., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2010, *Cardiac Surgery in Victorian Public Hospitals 2008-2009. Report to the Public*, Quality and Safety Branch Department of Human Services. Melbourne, Victoria.
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32. **Brasacchio D**, Dinh, D.T., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2009, *Annual National Report 2007-2008*, ASCTS Database Project, Melbourne, Australia.
33. **Brasacchio D**, Dinh, D.T., Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2009, *Victorian Comprehensive Annual Surgeons Report 2007-2008*, ASCTS Database Project, Melbourne, Australia.
34. **Dinh, D.T.**, Billah, B., Shardey, G. & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2008, *Cardiac Surgery in Australian Hospitals 2006-2007: National Report*, ASCTS Database Project, Melbourne, Australia.



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36. **Dinh, D.T.**, Billah, B., Shardey, G., Pick, A., & Reid, C.M. on behalf of the ASCTS Database Steering Committee 2007, *Cardiac Surgery in Victorian Public Hospitals 2005-2006. Hospital Report*, Quality and Safety Branch, Department of Human Services, Melbourne, Australia.
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38. **Reid, C.M.**, Dinh, D.T., Billah, B., Shardey, G. & Skillington, P. on behalf of the ASCTS Database Steering Committee 2006, *Cardiac Surgery in Victorian Public Hospitals 2004-2005. Hospital Report*, Quality and Safety Branch, Department of Human Services, Melbourne, Australia.
39. **Reid, C.M.**, Dinh, D.T., Billah, B., Shardey, G. & Skillington, P. on behalf of the ASCTS Database Steering Committee 2006, *Cardiac Surgery in Victorian Public Hospitals 2004-2005. Report to the Public*, Quality and Safety Branch, Department of Human Services, Melbourne, Australia.
40. **Reid, C.M.**, Dinh, D.T., Shardey, G., Skillington, P. & McMillan, A. on behalf of the ASCTS Database Steering Committee 2005, *Cardiac Surgery in Victorian Public Hospitals 2003-2004. Hospital Report*, Quality and Safety Branch, Department of Human Services, Melbourne, Victoria.
41. **Reid, C.M.**, Davern, P., Birrell, S., Billah, B., Skillington, P. & Shardey, G. on behalf of the Victorian Cardiac Surgery Database Project Steering Committee 2005, *Cardiac Surgery in Victorian Public Hospitals 2003-2004. Report to the Public*, Quality and Safety Branch, Department of Human Services, Melbourne, Victoria.
42. **Reid, C.M.**, Birrell, S., Skillington, P. Shardey, G. & McMillan, A. on behalf of the ASCTS Surgeons Database Project 2004, *Cardiac surgery in Victorian Public Hospitals 2002-2003. Hospital Report*. Quality and Safety Branch, Department of Human Services, Melbourne, Victoria.
43. **Reid, C.M.**, Rockell, M., Skillington, P. Shardey, G. on behalf of the ASCTS Surgeons Database Project 2004, *Cardiac surgery in Victorian Public Hospitals 2002-2003. Report to the Public*, Victoria Department Human Services and Health, Melbourne, Victoria.
44. **Reid, C.M.**, Rockell, M., Skillington, P. Shardey, G. on behalf of the ASCTS Surgeons Database Project 2003, *Cardiac surgery in Victorian Public Hospitals 2001-2002. Hospital Report*, Quality and Safety Branch, Department of Human Services, Melbourne, Victoria.



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Invited presentations

1. **Nag, N.**, Solman, N., Tran, L., Shardey, G., Smith, J., Reid, C. on behalf of the ANZSCTS Database Committee. 2017. Monitoring cardiac surgical performance and patient outcomes - the ANZSCTS Database Program. Digital Poster. P092 <http://wcp2017.paperlessevents.com.au/view-poster/P092>, WCPH, Melbourne, Australia.
2. **Smith, J.** on behalf of ANZSCTS Database Program. 2017. The current state of Australasian quality and safety programs session: What has the Cardiothoracic Audit achieved?. Royal Australasian College of Surgeons The Annual Scientific Congress, Adelaide, Australia.
3. **Nag, N.** on behalf of ANZSCTS Database Program. 2016. Formal feedback sessions: disseminating registry based data. NHMRC Symposium, Melbourne, Australia.
4. **Nag, N.** on behalf of ANZSCTS Database Program. 2015. ANZSCTS Database Program – 2016 update of activities. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Cairns, Queensland, Australia.
5. **Tran, L.** on behalf of ANZSCTS Database Program. 2015. ANZSCTS Database Update. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia.
6. **Tran, L.** on behalf of ANZSCTS Database Program. 2014. ANZSCTS Database Update. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Gold Coast, Queensland, Australia.
7. **Billah, B.** on behalf of ANZSCTS Database Program. 2013. AusSCORE II in predicting 30-day mortality following Isolated CABG in Australia. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Darwin, Northern Territory, Australia.
8. **Tran, L.** on behalf of ANZSCTS Database Program. 2012. A Trends in Cardiac Surgery – A decade of data from the ANZSCTS Database Program. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Queensland, Australia.
9. **Saxena, A.** on behalf of ASCTS Database Program. 2011. A Multi-Centre Study of 19497 Patients. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Queenstown, New Zealand.
10. **Saxena, A.** on behalf of ASCTS Database Program. 2011. Training Status is not associated with an increased risk of early or late mortality after isolated AVR surgery. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Queenstown, New Zealand.
11. **Hayward, P.A.** on behalf of ASCTS Database Program. 2010. Does the addition of a second arterial graft improve survival after higher risk coronary surgery? A propensity-score matched



analysis from the ASCTS Database. Oral. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Hamilton Island, Queensland.

12. **Dinh, D.** on behalf of ASCTS Database Program. 2010. AusSCORE Relates to Cost of Isolated CABG Surgery. Oral. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Hamilton Island, Queensland.
13. **Saxena, A.** on behalf of ASCTS Database Program. 2010. Early and Late Outcomes after Isolated Coronary Artery Bypass Surgery in Elderly Patients: Results from a Multi-Institutional Australian Database. Oral. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Hamilton Island, Queensland.
14. **Way, M.** on behalf of ASCTS Database Program. 2010. The association between hyperglycaemia and outcomes after cardiac surgery. Oral. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Hamilton Island, Queensland.
15. **Smith, J.** on behalf of ASCTS Database Program. 2008. Surgery in the elderly: the Victorian Cardiac Surgery Database Project. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia.
16. **Reid, C.M.** on behalf of ASCTS Database Program. 2006. More than just benchmarking performance: the Victorian Cardiac Surgery Database Project. Better State Hospitals Conference, Melbourne, Victoria, Australia
17. **Reid, C.M.** on behalf of ASCTS Database Program. 2002. National Database Project. Australian Society of Cardiothoracic Surgeons Inaugural Scientific Meeting, Noosa, Queensland, Australia
18. **Reid, C.M.** on behalf of ASCTS Database Program. 2000. Victorian Cardiac Surgical Database Project. Australasian Society of Cardiac and Thoracic Surgeons Meeting, Cardiac Society, Melbourne, Victoria, Australia.

Published abstracts

1. **Dhurandhar, V.**, Parikh, R., Vallely, M.P., Wilson, M.K., Black, D.A., Tran, L., Reid, C.M. & Bannon, P.G. 2015. Early and late outcomes following valve sparing aortic root reconstruction: the ANZSCTS Database. *Heart Lung Circ*, 24 (1); e16-17.
2. **Coulson, T.**, Pilcher, D., Mullany, D., Tran, L. & Reid, C.M. 2014. "Risk Change": A New Method to Compare Cardiac Surgical Units. *Heart Lung Circ*, 23, e40.
3. **Ch'ng, S.L.**, Cochrane, A.D., Smith, J.A., Wolfe, R. & Reid, C.M. Improved Patient Outcome Associated with a Larger Valve-Specific Volume of Surgery. *Heart Lung Circ*, 23, e40-e41.
4. **Mckee, S.H.**, Tully, P.J., Tran, L., Bennetts, J.S., Rice, G.D., Reid, C.M. & Baker, R.A. 2014. Deep Sternal Wound Infection Following Cardiac Surgery: Risk and Outcomes. *Heart Lung Circ*, 23, e38.
5. **Conaglen, P.**, Davis, P., Tran, L., Reid, C.M & Newcomb, A. 2013. Risk-prediction scoring in Endocarditis: validation of the AusSCORE and STS-based Endoscore in Australia. Cardiac Society



- of Australia and New Zealand Annual Scientific Meeting, Hobart, Tasmania. *Heart Lung Circ*, 22 (6), 467-8.
6. **Conaglen, P.**, Davis, P., Tran, L., Reid, C.M &, Newcomb, A. 2013. Surgery for infective Endocarditis in Australia – post-op and mid-term outcomes from the ANZSCTS Database. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Hobart, Tasmania. *Heart Lung Circ*, 22 (6), 463.
 7. **McQuilten, Z.**, Enticott, J., Wood, E., Cole-Sinclair, M., McNeil, J.J., Cameron, P., Reid, C.M., Newcomb, A., Smith, J., Phillips, L. & Adrianopoulos, N. 2012. Development of a risk prediction model for large volume red cell transfusion in cardiac surgery. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Hobart, Tasmania. *Heart Lung Circ*, 22, 455-89.
 8. **Saxena, A.**, Yap, C.H., Dinh, D., Shardey, G., Smith, J.A. & Newcomb, A. 2011. Early and late outcomes after isolated coronary artery bypass surgery in elderly patients: results from a multi-institutional Australian Database. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, Australia. *Heart Lung Circ*, 20 (4), 263-4.
 9. **Chan, W.**, Andrianopoulos, N., Clark, D., Ajani, A., Brennan, A., Newcomb, A., Naidu, P., Smith, J., Butler, M., Freeman, M., Dart, A., Dinh, D. & Duffy, S. 2010. Comparison of Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting for Revascularization of Patients with Diabetes Mellitus. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, Australia. Poster. *Heart Lung Circ*, 19 (Suppl 2), S125.
 10. **Freeman, M.**, Farouque, H., Smith, J., Dinh, D., Brennan, A., Andrianopoulos, N., Reid, C.M., Ajani, A., Duffy, S., Rosenfeldt, F., Buxton, B. & Clark, D. 2010. Long-term Outcomes of Coronary Artery Bypass Grafting (CABG) Compared with Percutaneous Coronary Intervention (PCI) in Patients with Multi-vessel Coronary Disease (MVD). Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, Australia. Mini Oral. *Heart Lung Circ*, 19 (Suppl 2), S237-8.
 11. **Yan, B.P.**, Yap, C.H., Andrianopoulos, N., Kiernan, T.J., Ajani, A.E., Smith, J.A., Clark, D.J., Duffy, S.J., Shardey, G.C., Brennan, A.L., Dinh, D.T., Reid, C.M. & Gersh, B.J. 2010. Prognostic value of the Mayo Clinic Risk Score for coronary artery revascularization using the Australasian Society of Cardiac and Thoracic Surgeons and the Melbourne Interventional Group Registries. American College of Cardiology Meeting. Atlanta. GA. USA. Poster. *J Am Col Cardiol*, 55 (Suppl 1): A134.E1257.
 12. **Freeman, M.**, Farouque, H.M.O., Smith, J.A., Dinh, D., Andrianopoulos, N., Reid, C., Ajani, A.E., Duffy, S.J., Buxton, B.F. & Clark, D.J. 2009. Outcomes of coronary artery bypass grafting (CABG) compared with percutaneous coronary intervention (PCI) in patients with multi-vessel coronary disease (MVD). Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia. Poster. *Heart Lung Circ*, 18 (Suppl 3):S69.
 13. **Billah, B.**, Dinh, D.T., Shardey, G.C. & Reid, C.M. 2008. Preoperative risk prediction model for 30-day mortality following cardiac surgery in Australia. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia. Oral. *Heart Lung Circ*, 17 (Suppl.3), S66.
 14. **Butler, M.J.**, Duffy, S.J., Dinh, D., Smith, J.A., Ajani, A.E., Andrianopoulos, N., Shardey, G.S., Clark, D.J., Brennan, A., New, G, Dart, A.M. & Reid, C.M. 2008. Comparison of Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting for Revascularization of Patients with



Diabetes Mellitus. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia. Poster. *Heart Lung Circ*, 17 (Suppl 3), S103.

15. **Clark, D.**, Freeman, M., Andrianopoulos, N., Brennan, A., Dinh, D., Buxton, B., Smith, J., Farouque, O., Shardey, G., Duffy, S.J., Ajani, A.E. & Reid, C. 2008. Clinical characteristics and mortality of patients with multi-vessel coronary artery disease (CABG) with percutaneous coronary intervention (PCI). Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, South Australia. Poster. *Heart Lung Circ*, 17 (Suppl 3), S70.
16. **Dinh, D.**, Billah, B., Yap, C.H., Shardey, G. & Reid, C.M. 2008. Cardiac surgery in octogenarians – Outcome and long term results from Australian Database Registry. 18th World Congress – World Society of Cardio-Thoracic Surgeons, Kos Island, Greece. Oral. *Heart Surg Forum*, 11 (Suppl 1): S100.
17. **Freeman, M.**, Clark, D., Andrianopoulos, N., Shardey, G., Buxton, B., Dinh, D., Yan, B., Smith, J., Skillington, P., Ajani, A.E., Farouque, O., Duffy, S.J. and Reid, C. 2008. Predictors of one year mortality of patients undergoing coronary artery bypass grafting compared to percutaneous coronary intervention – insights from two large multi-centre Australian registries. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, Australia. Poster. *Heart Lung Circ*, 17 (Suppl 3), S70.
18. **Wong, M.**, Reid, C., Andrianopoulos, N., Seevanayagam, S., Farouque, O., New, G., Shardey, G., Sebastian, M., Lim, H., Smith, J., Brennan, A., Dinh, D., Ajani, A., Duffy, S. & Clark, D. 2008. Comparison of clinical characteristics and mortality of patients with cardiogenic shock undergoing coronary artery bypass grafting compared with percutaneous coronary intervention. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Adelaide, Australia. Poster. *Heart Lung Circ*, 17 (Suppl 3), S168.
19. **Clark, D.J.**, Buxton, B., Ajani, A.E., Smith, J., Duffy, S.J., Shardey, G., Yan, B.P., Black, A., Dinh, D., Skillington, P., Farouque, O., Yui, M., New, G., Yap, C.H., Andrianopolous, N., Brennan, A. and Reid, C.M. 2007. Clinical characteristics and early mortality of patients undergoing coronary artery bypass grafting compared to percutaneous coronary intervention – Insights from two large multi-centre Australian registries. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, Christchurch, New Zealand. Poster. *Heart Lung Circ*, 16 (Suppl 2), S138.
20. **Dinh, D.T.**, Billah, B., Yap, C.H., Shardey, G.C., Reid, C.M. 2007. Blood product utilisation in Cardiac Surgery – Findings from the ASCTS Database Project. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Noosa Heads, Queensland. Poster. *ASCTS ASM Handbook*, 110.
21. **Dinh, D.T.**, Billah, B., Yap, C.H., Shardey, G.C., Reid, C.M. 2007. Complications in octogenarians after isolated CABG surgery – Analysis of data from the ASCTS Database Project. Australasian Society of Cardiac and Thoracic Surgeons Annual Scientific Meeting, Noosa Heads, Queensland. Oral. *ASCTS ASM Handbook*, 21.
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