

CURRICULUM VITAE.



NAME:	Timothy Robert Spencer
MAIL ADDRESS:	3501 N 64th Street #25 Scottsdale, Arizona, 85251, USA
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CURRENT POSITION:	Principle Director and Consultant Global Vascular Access, LLC
AHPRA NURSES REGISTRATION: (AUSTRALIA)	Registered Nurse (Division 1), General RN1163739 (current to Aug 2018)

EDUCATIONAL QUALIFICATIONS

2017	Doctorate of Philosophy (enrolled) – <i>Studies in Catheter-Related Thrombosis</i> University of New South Wales
1993	Bachelor of Health Science, University of Western Sydney, Macarthur.
1992	Intensive Care Certificate, The New South Wales College of Nursing.
1986-1989	Diploma of Applied Science (Nursing), University of Western Sydney, Macarthur.

EDUCATIONAL AFFILIATIONS

Previous - Conjoint Lecturer, University of New South Wales (UNSW) and South Sydney Western Area Clinical School of Medicine

Alumni – Western Sydney University

CERTIFICATES

Vascular Access – Board Certified (VACC – USA) 2014 - 2020

Certificate in Vascular Access Ultrasound, Australian Institute of Ultrasound (AIU) - 2007

Advanced Clinical Nutrition Course (FRANC/ASIA) - 2005

Certificate in Advance Clinical Nutrition (European Society of Parenteral and Enteral Nutrition) - 2001

Paediatric Critical Care Certificate (Liverpool Hospital) - 1995

WORK EXPERIENCE

14/8/2014 to Current	Vascular Access Principle Director and Consultant, Global Vascular Access, LLC.
1/4/11 to Current	Nursing Officer (FLTTLT) with Royal Australian Air Force Specialist Reserves (RAAFSR) – AME/MCAT Team, 3 rd Aeromedical Evacuation Squadron.
1/12/96 to 11/8/2014	Clinical Nurse Consultant, Grade 2 Central Venous Access and Parenteral Nutrition Service (CVAS), Liverpool Hospital, Sydney Australia
11/8/93 to 1/12/96	Clinical Nurse Specialist, Intensive Care Unit, Liverpool Hospital, Sydney Australia
7/12/92 to 10/8/93	Registered Nurse, Intensive Care Unit, St. George Hospital, Sydney Australia
14/8/89 to 4/12/92	Registered Nurse, Med/Surgical, Intensive/Coronary Care Unit, Campbelltown Hospital, Australia
20/5/86 to 13/8/89	Student Nurse, Intensive Care, Medical/Surgical & Rehabilitation, Lidcombe Hospital.

MEDICAL RETRIEVAL/EVACUATIONS

Royal Australian Air Force – Specialist Reserves (Nursing) - Flight Lieutenant with 3rd AMES (Aero-Medical Evacuation Squadron) – AME and MCAT Team (Military Critical Care/Aeromedical Evacuation Team)

Domestic and international medical evacuation/retrievals with Access 24/Teletech/Customer Care/Covermore Insurance & Medical Retrieval Services.

CLINICAL ADVISORY PANELS

1. Vascular Access Respiratory Educational Program – Gateway Community College, Phoenix, Arizona - 2015 to current.
2. Faculty Member/Facilitator – Ultrasound-guided Central Venous and Arterial Venous Access: Compliance within Practice – Teleflex Medical (USA).
3. 3M Medical Catheter Related Blood Stream Infection (CRBSI) Advisory Panel Meeting – (2008) with Dr Dennis Maki (USA) - a group of multi-disciplinary key opinion leaders from around Australia who have clinical and academic relevance to the topic of CRBSI management in Australia.
4. Becton Dickinson / 3M Healthcare Panel Member – (July 2000) with Dr Dennis Maki (USA) and Dr Peter Collignon, Australian Jockey Club, Randwick Racecourse, Sydney.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS & COMMITTEES

Presidential Advisor - Australian Vascular Access Society (AVAS) – 2015 to current

Founding President - Australian Vascular Access Society (AVAS) – 2009 - 2015

Vascular Access Certification Corporation (VACC) – Director at Large – 2012 to 2017

Editorial Board - Journal of the Association for Vascular Access (JAVA - USA) – 2010 to current

Editorial Board - Journal of Vascular Access (JVA) – 2013 to current

Editorial Board – Vascular Access (AVAS) – 2015 to current

Member of the Association of Vascular Access (AVA - USA) – 2002 to current

Member of Australian Vascular Access Society (AVAS) – 2014 to current

Member of the Infusion Nurses Society (INS) – 2017 to current

Past Council Member of the Australasian Society of Parenteral and Enteral Nutrition (AuSPEN)

Associate Member of the New South Wales College of Nursing (NSWCN)

Past Member of the Australian College of Critical Care Nurses (ACCCN)

PROFESSIONAL JOURNAL REVIEWER and EDITORIAL ROLES

Journal of the Association of Vascular Access (JAVA) – USA – EDITORIAL REVIEW BOARD

Journal of Vascular Access (JVA) – Europe – EDITORIAL REVIEW BOARD

Vascular Access (VA) – Australia – EDITORIAL REVIEW BOARD

Scientific Reports (Springer Nature Research) – UK – REVIEWER

CURRENT COMMITTEE MEMBERSHIP

Global Strategic Committee – World Congress in Vascular Access (WoCoVA) - 2010 to current

Global Strategy Committee – (Chairperson) Association for Vascular Access (AVA) - 2009 to current

PREVIOUS COMMITTEE MEMBERSHIP

Faculty Member for Emergency Ultrasound & FAST Course, Liverpool Hospital

Member of the Clinical Excellence Commission CVC Expert Group (Clinical Excellence Commission / Ministry of Health - NSW)

Member of the SSWAHS Area Central Venous Access Device Committee

ICU CVAD Working Group, ICU, Liverpool Hospital (Chairperson)

Member of the NSW Department of Health Vascular Access Team Expert Group

Advanced Practice Nurses/Midwives Committee, Liverpool Hospital (Chairperson & Member positions)

Sydney South West Area Health Service Western Zone Blood Transfusion Committee

Infection Prevention Committee, Liverpool Hospital

Intravenous Device Sub-Committee, Liverpool Hospital (Chair & Secretary positions)

Nursing Executive Committee – CNC/CMC Representative

Treasurer, NSW Intravenous Nurses Society, 3yr term

Clinical Nurse Specialist Committee, ICU, Liverpool Hospital

Nursing Practices Committee, ICU, St. George Hospital.

Nursing Research Committee, ICU, St. George Hospital.

Policy and Procedure Committee, Campbelltown Hospital.

RESEARCH EXPERIENCE

1. Investigator, Intravascular device administration sets: Replacement after Standard Versus Prolonged use (The RSVP Trial). AVATAR Group. This trial funded by the NHMRC Australia.
2. Research, data collection and evaluation of the Central Venous Access and Parenteral Nutrition Service
3. Research Assistant, Casemix Area Network (CAN) Study - This involved extensive data collection and entry. Designing, troubleshooting and implementation of CAN database (with Dr. David McWilliam, RPAH)
4. Research Officer, Medical Emergency Team Interhospital Study - set up data capture techniques at respective hospitals (Liverpool, Wollongong, Port Kembla), liaison with other principle researchers regarding study continuum, data collection, data tool development and refinement.

MAJOR PROFESSIONAL DEVELOPMENT ACTIVITIES

- Interactive Ultrasound Assessment – Importing Rapid Assessment for Central Venous Access (RaCeVA) into your Daily Practice, 31st Annual Scientific Meeting, Association for Vascular Access, Phoenix, AZ, 15-19th Sept 2017

- Lo stato dell'arte della medicazione dei PICC e dei Midline nel, GaveCelt X PICC Day, Rome, Italy, November 30th, 2016
- Cephalic Vein - Choice or Chance - What Is the Risk, 30th Scientific Meeting, Association of Vascular Access, Orlando, FL, USA, 16-21th September 2016
- Faculty Member/Facilitator – Ultrasound-guided Central Venous Catheter and PICC Fundamentals Training Program, New Delhi and Bangalore, India, 1 – 8th September 2016
- Cephalic Vein - Choice or Chance - What Is the Risk, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 25-29th October 2015
- Faculty Member/Facilitator – Ultrasound-guided Central Venous and Arterial Venous Access: Compliance within Practice, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 26-29th September 2015
- Faculty Member/Facilitator – Ultrasound-guided Central Venous Catheter and PICC Fundamentals Training Program, Bangkok, Thailand, 18-21st August 2015
- Malpositioned PICC tip repositioning using a high-flow flushing technique – AVAS AGM & Education Day, 21st March 2015, Sydney Australia
- Obtaining and Maintaining Vascular Access in the Morbidly Obese Patients: Challenges and Strategies for Success, 28th Scientific Meeting, Association of Vascular Access, National Harbor, MD, USA, 6-10th October 2014
- Non-invasive Correction of Malpositioned PICCs Using a Flushing Technique; Simple, Successful and Cost-Effective, 28th Scientific Meeting, Association of Vascular Access, National Harbor, MD, USA, 6-10th October 2014
- Faculty Member/Facilitator – Ultrasound-guided Central Venous and Arterial Venous Access: Compliance within Practice, 28th Scientific Meeting, Association of Vascular Access, National Harbor, MD, USA, 6-10th October 2014
- Intensive Care Best Practice Manual Project, NSW Agency for Clinical Innovation (ACI), Co-Chairperson - Practice - Central Venous Access Device – Post Insertion Management (CVAD-CPG) SHPN (ACI) Guidelines
- Expanding Your Scope of Practice – Roundtable Session x 3 - 27th Scientific Meeting, Association of Vascular Access, Nashville Tennessee, USA 20-23rd September 2013
- Vascular Access Fundamentals – Vascular Assessment, 27th Scientific Meeting, Association of Vascular Access, Nashville Tennessee, USA 20-23rd September 2013
- Central Venous Access Devices and Infection Prevention, Noosa, Qld, 19th June 2013
- Faculty Member/Facilitator – Ultrasound-guided Central Venous and Arterial Venous Access: Compliance within Practice, 26th Scientific Meeting, Association of Vascular Access, San Antonio, Texas, USA, 15-19th October 2012
- Axillary Vein Cannulation for CVC Placement, IV Clinical Advisory Forum, Melbourne, 26-28th July 2012
- The advanced practice nurse: the role of the nurse in the prevention and management of CRBSI, 2nd World Congress on Vascular Access, Amsterdam, The Netherlands, June 26-29th, 2012
- Central Venous Access Devices and Infection Prevention, Westin Hotel, Sydney, 19th Jan 2012
- SCOPE OF PRACTICE: THE ADVANCED PRACTICE NURSING ROLE IN CENTRAL VENOUS CANNULATION AND VASCULAR ACCESS. Presented at Joint Scientific Meeting of the Haematology Society of Australia and New Zealand (HSANZ), the Australian & New Zealand Society of Blood Transfusion (ANZSBT) and the

Australasian Society of Thrombosis and Haemostasis (ASTH) - HAA-ISHAPD 2011, Sydney, 30th October 2011

- Faculty Member – Ultrasound-guided Central Venous Catheter Insertion Workshop, 25th Scientific Meeting, Association of Vascular Access, San Jose, California, USA, 1st – 6th October 2011
- IV FORUM – First Do No Harm... Optimising Outcomes in Vascular Access – Scope of Practice: Park Royal Hotel, Darling Harbour, Sydney, 20th September 2011
- ECG monitoring and tip positioning for CVADs, IV Clinical Advisory Forum, Melbourne, 27-28th July 2011
- Faculty Member – Cannulation of the Internal Jugular Vein Workshop, 24th Scientific Meeting, Association of Vascular Access, Washington DC USA, 24th-27th September 2010
- Key Opinion Leader - Central Venous Access program Implementation and Design, Teleflex Medical, Greater Baltimore Medical Centre, Baltimore, MD, 24-25th September 2010
- Teleflex Symposium, 1st World Congress on Vascular Access, Amsterdam, The Netherlands, 16-18th June 2010
- Invited Speaker and Poster Presenter, 1st World Congress on Vascular Access, Amsterdam, The Netherlands, 16-18th June 2010
- IV FORUM - The Stakes are High: Vascular access challenges in today's healthcare environment, Crowne Plaza Hotel, Darling Harbour, Sydney, 4th Nov 2009
- 3M Medical CR-BSI Advisory Panel (with Dr Dennis G Maki) – Sydney 9-10th July 2009
- Poster Presenter, 32nd *Asia Pacific Critical Care 2008 Conference*, Sydney, 30th October – 2nd November 2008
- Presenter, CLAB_{icu} Clinical Workshop - Credentialing and Accreditation, 2nd November 2007
- Presenter, South Australian Society for Vascular Access Inaugural Conference, 20-21st October 2007
- IV Clinical Advisory Forum, Melbourne, 6-7th September 2007
- Vascular Access Ultrasound Workshop, Australian Institute of Ultrasound, Gold Coast, 2-4th July 2007
- AuSPEN Annual Scientific Meeting, Carlton Crest Hotel, Sydney, 8-11th November 2006 (Convenor)
- IV Clinical Advisory Forum, Melbourne, 31st Aug – 1st September 2006
- Baxter Healthcare – IV Access in Parenteral Nutrition, 29th August 2006
- IV Clinical Advisory Forum, Melbourne, 10 - 11th November 2005
- FRANC ASIA - Advance Clinical Nutrition Workshop – 31 March – 3 April 2005
- IV Clinical Advisory Forum, Melbourne, 29 – 30th August 2004
- PICC Workshop, Royal Perth Hospital, Perth, WA – 4th May 2004
- SWSAHS Area CNC Forum, Liverpool Hospital, 21st May 2004
- PICC Training - Cancer Therapy Centre, Macarthur Health Service 7th April 2004
- Graduate Nurses Study Day, Bankstown Hospital – 23rd March 2004
- PICC Training - Cancer Therapy Centre, Macarthur Health Service 23rd February 2004

- Panelist/Presenter, Nurse Practitioner Forum, Seminar 2003 (ACCCN), Hunter Valley Gardens, 7th November 2003
- International Speaker - Vascular Access: An International Perspective Part II, NAVAN Conference, Atlanta, GA, USA, 13 – 16th September 2003
- Improving Intravenous Practices - Andrew Jackson, Consultant Nurse for Intravenous Therapy, Rotherham Hospital, UK, Liverpool Hospital, 20th August 2003
- Peripheral Parenteral Nutrition Workshop, Royal North Shore Private Hospital, 17th June 2003
- PICC Training Workshop sponsored by Anaesthetic Supplies (Australian Arrow International distributor) Sydney, 19th May 2003
- Advances in Parenteral Nutrition, with Dr Jason Payne-James - Sponsored by Baxter and Clintec, Concord Hospital, 11th March 2003
- Advanced PICC Management Training Program for the Prince of Wales Hospital, Randwick, 6th December 2002
- Pilot Remote Vocational Training Stream, Joint Venture Board of the Australian College of Rural and Remote Medicine (ACCRM) and the Royal Australian College of General Practitioners (RACGP), PICC's and CVC's, Clinical Skills Lab, Liverpool Hospital, 14th November 2002
- International Speaker - Vascular Access: An International Perspective Part I, NAVAN Conference, San Diego, USA, 4 – 7th September 2002
- Vascular Access for Parenteral Nutrition, 27th Annual Scientific Meeting, AuSPEN, Lorne, 25th October 2001
- Advanced PICC User Workshop with Jim Lacy (USA), Stanford Plaza Hotel, Sydney, 7th November 2001
- Presentation - Exploring the boundaries: nurses inserting central catheters - 8th World Congress of Critical and Intensive Care Medicine, 30th October 2001
- Speaker, Vascular Access Issues in PN, Baxter TPN Workshop, Adelaide, 28th August 2001
- The 10th Advanced Workshop in Clinical Nutrition, Sponsored by European Society of Parenteral and Enteral Nutrition, Maastricht, Holland and Bonn, Germany, 16-27th April 2001
- Expert Panel with Dr Dennis Maki (USA), Dr Peter Collignon (ACT), Ms Dolly Oleson (QLD) for Dr. Maki Tour. Sponsored by 3M Healthcare and Becton-Dickinson, 25th July 2000.
- Pathogenesis, Prevention and Management of Line Sepsis - Presented by Dr Dennis Maki (USA). Sponsored by 3M Healthcare and Becton-Dickinson, AJC Randwick, 25th July 2000.

- Attendee, Intravenous Nurses Society, Annual Conference and Industrial Exhibition, Minneapolis, Minnesota, USA, 8 - 11th May 2000.
- Patterns of Resistance: Beta-Lactams in the 21st Century - Dr David Livermore (UK), Sponsored by Wyeth Hospital Division, Observatory Hotel, Sydney, 2000
- Lecturer, Registered Nurse General Refresher Course, Intravenous Therapy and TPN. - Continuous education with L&D Unit, Liverpool
- Lecturer, Hospital to Home IV Therapy Skills for Primary Health Nurses - continuous education with L&D Unit, Liverpool
- Lecturer, IV Therapy in Acute Care Setting Workshop - continuous education with L& D Unit, Liverpool and Bankstown Hospitals
- Lecturer and Panel Expert, Surgical Nurses Conference, Liverpool Hospital, 29th October 1999
- TPN and Lipids for parenteral nutrition and requirements for filtering, Dr Alan Fowler, Sponsored by Hospital Supplies of Australia, 15th October 1999
- Glutamine in the Critically Ill Patient, Dr Richard D. Griffiths, Sponsored by Baxter Australia, 28/4/1999
- Lecturer, Intravenous Therapy Area Workshop, Liverpool Hospital, 25th November 1998
- TPN Nurse Practitioner Workshop, Sponsored by Baxter Australia, 6 & 7th March 1998
- Parenteral Glutamine in the Critically Ill Patient, Sponsored by Baxter Australia, 27th October 1997,
- Guest Speaker: Prof. Peter Fürst, University of Hohenheim, Stuttgart, Germany.
- Speaker/Presenter, 5th Annual Conference, NSW Intravenous Nurses Society, AJC, Randwick Racecourse, 13th September 1997
- Lecturer, Intravenous Therapy Area Workshop, Liverpool Hospital, 11th September 1997
- Smith & Nephew - Forum on Peripheral & Central Intravenous Therapy, Gazebo Hotel, August 1997
- Guest Speaker; Marilyn Jarrard, RN, IV Specialist, Smith & Nephew
- Attendee, Intravenous Nurses Society, Annual General Meeting and Industrial Exhibition, Salt Lake City, Utah, USA, 2nd – 8th May 1997
- Guest Lecturer, Oxygen Therapy, Area Staff Development Unit, Liverpool Hospital 25th November 1996
- Medical Retrievals/Evacuations (Domestic & International) with Access 24/ Teletech/Customer Care Retrieval Service.
- Attainment of Clinical Nurse Specialist within ICU/Anaesthetic Dept. 1995
- ARC Course participant/patient simulator/instructor; Nov. 1995; June 1996; Aug. 1997, Nov 1998.
- Ethical Issues (CACCN), 27th June 1995, Campbelltown Hospital

- Developed, producing and programming computerised interactive education packages for Intensive Care Nursing. This was multimedia programmes. Topics include; Swan-Ganz Catheters, Pacing, Paediatric Emergencies, Trauma, ECG Interpretation, Gastric Tonometry & pH.
- Ventilation Workshop - Westmead Hospital, Presented by Anaesthetic Supplies and Respironics, 5th September 1994
- Guest Speakers: Dr. Neil MacIntyre MD, Director of Respiratory Care Services, Duke University Medical Centre and Dr. Nicholas Hill MD, Director, Respiratory Care Unit, Rhode Island Hospital, USA.
- Paediatric Resuscitation and Transfer, Liverpool Hospital, 25th May 1994
- Presented by: Dr. Barry Wilkin, Paediatric Intensive Care Consultant, Westmead Hospital.
- Ventilation Conference - Liverpool Hospital, 20th April 1994
- Mechanical Ventilation - Yesterday, Today, Tomorrow, Presented by: Dr. Jens B Anderson, MD, HVIDOVRE Hospital, Copenhagen, Denmark
- Speaker, Independent Lung Ventilation, Ventilation Workshop - Confederation of Australian Critical Care Nurses, The NSW College of Nursing, 25th September 1993.
- Puritan-Bennett Conference, Lectures in Ventilation, Gazebo Hotel, Sydney, 25th March 1993.
- Lecturer, (Ventilation) Critical Care Course South Sydney Area Critical Care Course, 17th 1993.
- Cannulation and Venepuncture Course Co-ordinator (Specialty Skills Course) at Campbelltown Hospital.
- Writing of Intensive Care Unit Policy and Procedure manual at Campbelltown Hospital.

LIST OF PAPERS/PUBLICATIONS FROM ORCID - Publication report for Timothy Spencer.

	All	Since 2013
Citations	145	120
h-index	7	6
i10-index	6	6

1. Timothy R. Spencer, Keegan J. Mahoney (2017). Reducing catheter-related thrombosis using a risk reduction tool centered on catheter to vessel ratio. *Journal of Thrombosis and Thrombolysis*, 44(4): 427-434 <https://doi.org/10.1007/s11239-017-1569-y>
2. Timothy R. Spencer (2017). Repositioning of central venous access devices using a high-flow flush technique - a clinical practice and cost review. *The Journal of Vascular Access*, 18 (5): 419-425 <https://doi.org/10.5301/jva.5000748>
3. Timothy R. Spencer, Amy J. Bardin (2016). Comment on: Safe administration of vancomycin through a novel midline catheter: a randomized, prospective clinical trial. *The Journal of Vascular Access*, 17(4): e91 <https://doi.org/10.5301/jva.5000564>

4. Evan Alexandrou, Timothy R. Spencer, Steven A. Frost, Nicholas Mifflin, Patricia M. Davidson, Ken M. Hillman (2013). Central Venous Catheter Placement by Advanced Practice Nurses Demonstrates Low Procedural Complication and Infection Rates—A Report From 13 Years of Service. *Critical Care Medicine*, **42**, (3), 536-543 <https://doi.org/10.1097/ccm.0b013e3182a667f0>
5. Nicholas Yacopetti, Patricia M Davidson, Joy Blacka, Timothy R Spencer (2013). Preventing contamination at the time of central venous catheter insertion: a literature review and recommendations for clinical practice. *Journal of Clinical Nursing*, 22: 611–620. <https://doi.org/10.1111/j.1365-2702.2012.04340.x>
6. Peter J. Carr, Evan Alexandrou, Gavin M. Jackson, Timothy R. Spencer (2013). Assessing the Quality of Central Venous Catheter and Peripherally Inserted Central Catheter Videos on the YouTube Video-Sharing Web site. *Journal of the Association for Vascular Access*, **18**, 177-182
<http://doi.org/10.1016/j.java.2013.06.001>
7. Evan Alexandrou, Margherita Murgo, Eda Calabria, Timothy R. Spencer, Hailey Carpen, Kathleen Brennan, Steven A. Frost, Patricia M. Davidson, Ken M. Hillman (2011). Nurse-led central venous catheter insertion—Procedural characteristics and outcomes of three intensive care based catheter placement services. *International Journal of Nursing Studies*, **49**, 162-168
<http://dx.doi.org/10.1016/j.ijnurstu.2011.08.011>
8. Evan Alexandrou, Lucie M. Ramjan, Tim Spencer, Steven A. Frost, Yenna Salamonson, Patricia M. Davidson, Ken M. Hillman (2011). The Use of Midline Catheters in the Adult Acute Care Setting – Clinical Implications and Recommendations for Practice. *Journal of the Association for Vascular Access*, **16**, 35-41
<https://doi.org/10.2309/java.16-1-5>
9. Yacopetti, N., Alexandrou, E., Spencer, T.R., Frost, S.A., Davidson, P.M., O'Sullivan, G., Hillman, K.M. (2010). Central venous catheter insertion by a clinical nurse consultant or anaesthetic medical staff: a single-centre observational study. *Critical care and resuscitation: journal of the Australasian Academy of Critical Care Medicine*, **12**, 2, 90-95 PMID: 20513216 [Indexed for MEDLINE]
10. Evan Alexandrou, Tim Spencer, Steven A. Frost, Michael Parr, M. Davidson, Ken M. Hillman (2010). Establishing a Nurse-Led Central Venous Catheter Insertion Service. *Journal of the Association for Vascular Access*, **15**, 21-27 <https://doi.org/10.2309/java.15-1-5>
11. Evan Alexandrou, Timothy R Spencer, Steve A Frost, Michael JA Parr, Patricia M Davidson, Kenneth M Hillman (2009). A review of the nursing role in central venous cannulation: implications for practice policy and research. *Journal of Clinical Nursing*, **19**, 1485-1494 <http://doi.org/10.1111/j.1365-2702.2009.02910.x>
12. Alexandrou, E, Spencer, T, Davidson, P. (2008). Nursing central line service prevents catheter related infections. *Australian Nursing Journal*, **15**, 11, June 2008, Page 49
<http://search.informit.com.au/documentSummary;dn=278165348936699;res=IELHEA>
13. Allen A, Higa V, Torres S, Teixeira K, Spencer T, Lacy J, (2003) International Infusion Therapy – An International Perspective. *Journal of Vascular Access Devices*, **8**, 2, p15–17
<http://dx.doi.org/10.2309/108300803775307611>

AWARDS

Best Scientific Poster Winner – Catheter Vessel Ratio: Now What? Association for Vascular Access 31st Scientific Meeting, Phoenix, AZ, USA, Sept 2017

PUBLICATION ACKNOWLEDGEMENTS

N. Z. CANTURK, Z. CANTURK, E. OKAY, O. YIRMIBESOGLU, B. ERALDEMIR (2002) Risk of nosocomial infections and effects of total cholesterol, HDL cholesterol in surgical patients. Clinical Nutrition, 21(5): 431–436

SPEAKER PRESENTATIONS – Professional Organizations (AVA, INS, APIC, etc.)

Presentation/Invited Speaker - Inaugural Opening Speaker – Catheter Vessel Ratio – A New Perspective - CaliVAN – Ontario, CA – January 23rd 2018

Presentation/Invited Speaker - Bringing the Periphery into Focus: Risks Associated with Peripheral IVs, Inaugural STARVAN Dinner Meeting, Dallas, TX, USA, 18th Oct 2017,

Presentation/Invited Speaker - Midline Catheters - Strategy or Risk? - Lower Columbia INS Chapter Conference, Portland, OR, USA, Oct 2-3rd 2017

Presentation - Catheter Vessel Ratio: Now What? - Poster Theatre Session, Association for Vascular Access 31st Scientific Meeting, Phoenix, AZ, USA, 17th Sept 2017

Presentation – Interactive Ultrasound Assessment – Importing Rapid Assessment for Central Venous Access (RaCeVA) into your Daily Practice, 31st Annual Scientific Meeting, Association for Vascular Access, Phoenix, AZ, USA, 15-19th Sept 2017

Presentation/Invited Speaker - Midline Catheters – Strategy or Risk? - Colorado-Rocky Mountains INS Chapter Speaker Dinner, Denver CO, USA, 9th March 2017

Presentation/Invited Speaker - Midline Catheters – Strategy or Risk? - Tulsa INS Chapter Speaker Dinner, Tulsa OK, 31st January 2017

Presentation/Invited Speaker - Midline Catheters: Strategy or Risk? - 2017 AzVAN Kick-Off Dinner Speaker, Phoenix AZ, 9th Feb 2017

Presentation/Invited Speaker - Invited Speaker - Lo stato dell'arte della medicazione dei PICC e dei Midline nel X PICC Day, Rome, Italy, November 30th 2016

Presentation - Cephalic Vein - Choice or Chance - What Is the Risk, 30th Scientific Meeting, Association of Vascular Access, Orlando, FL, USA, 16-21th Sept 2016

Presentation - INS Preconference Cadaver Lab, Ft Lauderdale, FL, USA, 15th May 2016

Presentation/Invited Speaker - Cephalic Vein - Choice or Chance - What Is the Risk? MeVAN (Maine Vascular Access Network), 14th Nov 2015

Presentation - Malpositioned PICC tip repositioning using a high-flow flushing technique and Cephalic Vein - Choice or Chance - What Is the Risk, FLAVAN (Florida Vascular Access Network), 17th October 2015

Presentation - Cephalic Vein - Choice or Chance - What Is the Risk, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 25-29th October 2015

Presentation - Global Dilemma: Meeting the Diverse Challenge of Health Care Professionals, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 25-29th October 2015

Presentation - Obtaining and Maintaining Vascular Access in the Morbidly Obese Patients: Challenges and Strategies for Success, 28th Scientific Meeting, Association of Vascular Access, National Harbor, MD, USA, 6-10th October 2014

Presentation – INS Preconference Cadaver Lab, Kentucky International Convention Centre, Louisville, KY 18th May 2015

Presentation - Non-invasive Correction of Malpositioned PICCs Using a Flushing Technique; Simple, Successful and Cost-Effective, 28th Scientific Meeting, Association of Vascular Access, National Harbor, MD, USA, 6-10th October, 2014

Presentation - Expanding Your Scope of Practice – Roundtable Session - 27th Scientific Meeting, Association of Vascular Access, Nashville Tennessee, USA 20-23rd Sept 2013

Presentation - Vascular Access Fundamentals – Vascular Assessment, 27th Scientific Meeting, Association of Vascular Access, Nashville Tennessee, USA 20-23rd Sept 2013

Presentation/Invited Speaker – The advanced practice nurse: the role of the nurse clinician in the prevention and management of CRBSI, 2nd World Congress on Vascular Access, Amsterdam, The Netherlands, June 26-29th, 2012

Presentation/Invited Speaker– Scope of Practice: The advanced practice nursing role in central venous cannulation and vascular access, Haematology Association of Australia-ISHAPD 2011, Sydney, 30th October 2011

Presentation – The use of midline catheters in the adult acute care setting – clinical implications and recommendations for practice, 25th Annual Scientific Meeting, Association of Vascular Access, San Jose, California, USA, October 2-6th, 2011

Presentation/Invited Speaker – Scope of practice: the advanced practice nursing role in central venous cannulation and vascular access – IV FORUM – First Do No Harm... Optimising Outcomes in Vascular Access: Park Royal Hotel, Darling Harbour, Sydney, 20th Sept 2011

Presentation – ECG monitoring and tip positioning for CVADs, S+N IV Clinical Forum, Melbourne, August 28th, 2011

Presentation - The nursing role in central venous cannulation: implications for practice policy and research, 1st World Congress on Vascular Access, Amsterdam, The Netherlands, June 16-18th 2010

Presentation – Vessel Health and Preservation: Risk Reduction Strategies Panel, 1st World Congress on Vascular Access, Amsterdam, The Netherlands, June 16-18th 2010

Presentation/Invited Speaker – Venous access for intra-hospital parenteral nutrition, 1st World Congress on Vascular Access, Amsterdam, The Netherlands, June 16-18th 2010

Presentation/Invited Speaker – Establishing a nurse-led central venous catheter service, Critical Care in the Vineyards, Lindeman's Estate, Pokolbin, Hunter Valley, 23rd April 2010

Presentation/Invited Speaker – Royal Adelaide Hospital PICC Insertion Service. Invited Speaker and Presentation to Royal Adelaide Hospital. Adelaide SA. 24th – 25th May 2007

Presentation/Invited Speaker - A nursing central venous access service – a descriptive review of an advanced practice" SAAVA Inaugural Conference, Australian Wine Centre. Adelaide SA. 17th – 19th Nov 2007

Presentation/Invited Speaker – Advanced clinical practice – nurse-inserted central venous catheters - Critical Care in the Vineyards, Tuscany Winery, Hunter Valley, 6th April 2006

Presentation//Invited Speaker - Nurse Practitioner Forum, Seminar 2003 (ACCCN), Hunter Valley Gardens, 7/11/2003

Presentation/Invited Speaker - Development of a nurse-led CVC insertion team, National Association of Vascular Access Networks (NAVAN) Conference, Atlanta, GA, USA, 13 - 16/9/2003

Presentation/Invited Speaker - Vascular Access: An International Perspective Part II, National Association of Vascular Access Networks (NAVAN) Conference, Atlanta, GA, USA, 13 - 16/9/2003

Presentation/Invited Speaker - Vascular Access: An International Perspective Part I, National Association of Vascular Access Networks (NAVAN) Conference, San Diego, USA, 4 - 7th September 2002

Presentation/Invited Speaker - Exploring the boundaries: nurses inserting central catheters - 8th World Congress of Critical and Intensive Care Medicine, Sydney, 30th October 2001

Presentation/Invited Speaker - Vascular Access for Parenteral Nutrition, 27th Annual Scientific Meeting, AuSPEN, 25th October 2001

Presentation/Invited Speaker - Vascular Access Issues in Parenteral Nutrition, Baxter TPN Workshop, Adelaide, 28/8/01

POSTER PRESENTATIONS

Poster Presentation – Catheter Vessel Ratio: Now What? 31st Annual Scientific Meeting, Association for Vascular Access, Phoenix, AZ, USA, 15-19th September 2017

Poster Presentation - Standardized Central Venous Access Insertion Education: Measuring Practice, Change and Limitations, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 25-29th October 2015

Poster Presentation - Arterial Catheterization: A survey of current clinical practice, 29th Scientific Meeting, Association of Vascular Access, Dallas, TX, USA, 25-29th October 2015

Poster Presentation - Low Approach Internal Jugular Central Venous Catheters: Optimizing Catheter Performance and Patient Experience, Infusion Nurses Society Annual Meeting, Ft Lauderdale, FL, 15-16th May 2016

Poster Presentation - Margherita Murgo, Jeff Breeding, **Timothy R Spencer**, Claire M Rickard, Central Venous Access Device Management in Critically Ill Adults, Developing A Clinical Practice Guideline for NSW, ANZICS/ACCCN Intensive Care Annual Scientific Meeting, Hobart, 17-19 October 2013

Poster Presentation - Nurse-led central venous catheter insertion: procedural outcomes after 15 years' service, 26th Annual Scientific Meeting, Association of Vascular Access – San Antonio USA, 16 –19th October 2012.

Poster Presentation - Nurse-led central venous catheter insertion: Procedural characteristics and outcomes of three intensive care based services, 26th Annual Scientific Meeting, Association of Vascular Access – San Antonio USA, 16 –19th October 2012.

Poster Presentation - Blended Learning in Vascular Access Education, 26th Annual Scientific Meeting, Association of Vascular Access – San Antonio USA, 16 –19th October 2012.

Poster Presentation - Should You Tube be used for Vascular Access Education? 26th Annual Scientific Meeting Association of Vascular Access – San Antonio USA, 16 –19th October 2012.

Poster Presentation - Blended Learning in Vascular Access, 6th International Congress on Innovations in Nursing. Perth WA Australia, 21 – 23rd November 2012.

Poster Presentation - Nurse-led central venous catheter insertion: Procedural characteristics and outcomes of three intensive care-based services, 2nd World Congress on Vascular Access, Amsterdam, The Netherlands, June 26-29th, 2012

Poster Presentation - A Review of Undergraduate Clinician Peripheral Vascular Access Training, 25th Annual Scientific Meeting, Association of Vascular Access, San Jose, California, USA, October 2-6th, 2011

Poster Presentation - The use of midline catheters in the adult acute care setting – clinical implications and recommendations for practice, 25th Annual Scientific Meeting, Association of Vascular Access, San Jose, California, USA, October 2-6th, 2011

Poster Presentation - Establishing a nurse-led central venous catheter insertion service: a process evaluation 25th Annual Scientific Meeting, Association of Vascular Access, San Jose, California, USA, October 2-6th, 2011

Poster Presentation - Establishing a nurse-led central venous catheter insertion service: a process evaluation 24th Scientific Meeting, Association of Vascular Access, Washington DC USA, 24th-27th Sept 2010

Poster Presentation - Establishing a nurse-led central venous catheter insertion service: a process evaluation 1st World Congress on Vascular Access, Amsterdam, The Netherlands, June 16-18th 2010

Poster Presentation – Nurse-Led Central Venous Catheter Insertion – An Integrative Review, 32nd ANZICS and Asia

Pacific Intensive Care Congress, Sydney, October 2008

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Publication - Chart Your Course, Part B, 1998, *IV Connections*, February, Vol. 6, No. 1

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Wine Master, Macarthur Beefsteak and Burgundy Club, Macarthur District, 2012 - 2013