

<b>CURRICULUM VITAE</b>
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Name: Hugh Thomas DAVIES

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<b>SUMMARY</b>
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- Registered nurse with twenty-five-years' experience of clinical practice
- Outstanding nurse educator and instigator of innovative teaching strategies
- Proven ability to lead research projects until completion, publication and translation into clinical practice

<b>EDUCATION/ACADEMIC QUALIFICATIONS</b>
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2004-2012 PhD, Curtin University, Perth, WA

'A randomised comparative crossover study to assess the affect on circuit life of varying pre-dilution volumes associated with CVVH and CVVHDF'

Supervisor: Professor Gavin Leslie

The topic for my PhD involved critically ill patients who had sustained acute kidney injury requiring haemodialysis. In support of kidney function two techniques are commonly used in the intensive care unit to circulate blood outside of the body. Success depends on continuity of each technique to minimise number of treatment interruptions caused by premature clotting of the circuit. The investigation used a randomized crossover study design to determine if differences in technique influenced duration of circuit life.

2002 Post Graduate Diploma of Clinical Nursing (Intensive Care), Edith Cowan University, Perth, WA

2000 Master of Health Management (course work), University of New England, NSW

1997 Bachelor of Nursing, University of New England, NSW

1989 Registered General Nurse Certificate, North Tees General Hospital, Stockton-on-Tees, Cleveland, UK

<b>EMPLOYMENT HISTORY</b>
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January-June 2020, Edith Cowan University (ECU), School of Nursing and Midwifery (SNM), Enrolment and Progression Coordinator for Bachelor of Science (Nursing). The position is responsible for overseeing the enrolment and progression of students and in providing support for at-risk students.

June 2016-present, ECU, SNM, Lecturer. The position involves the teaching of subject materials to undergraduate and postgraduate students, scholarly activities related to research initiatives and administrative duties associated with unit coordination.

September 2016-present, Department of Health (WA), Nursewest, Registered Nurse (casual pool). The position involves the delivery of nursing care to critically ill patients and requires a minimum of 50 hours of clinical practice over a period of six months.

January 2015-May 2016, Fiona Stanley Hospital, Intensive Care Unit, Clinical Nurse. The position involved the delivery of nursing care to critically ill patients, the coordination of nursing activities, orientation and training of nursing staff and initiation of quality assurance projects.

January 2011-January 2013, Royal Perth Hospital (RPH) & Curtin University, Research Assistant. The position involved the implementation, monitoring and data collection of clinical trials involving critically ill patients.

December 2008-January 2015, RPH, Intensive Care Unit, Clinical Nurse

January 2007-November 2008, RPH & ECU, Critical Care Course Coordinator. The position involved the teaching and clinical supervision of nursing specialities of intensive care, coronary care and high dependency.

November 2004-December 2006, RPH, Intensive Care Unit, Clinical Nurse

July 2003-October 2004, RPH, Intensive Care Unit, Registered Nurse

April 2002-June 2003, Royal Hobart Hospital, Department of Critical Care Medicine, Clinical Nurse Specialist

October 1995-February 2002, Sir Charles Gairdner Hospital (SCGH), Intensive Care Unit, Clinical Nurse

February 1993-September 1995, SCGH, Intensive Care Unit, Registered Nurse

October 1990-January 1993, SCGH, Coronary Care Unit, Registered Nurse

April 1989-September 1990, Lewisham Hospital, Acute Medical Ward, Staff Nurse

<b>PUBLICATIONS</b>
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ORCID iD <https://orcid.org/0000-0002-0867-2288>

Journal Publications:

**Davies, H.**, Schultz, R., Sundin, D., & Jacob, E. (2020). 'Ward for the Day': A case study of extended immersive ward-based simulation. *Nurse Education Today*, <https://doi.org/10.1016/j.nedt.2020.104430>.

**Davies, H.**, Leslie, G., Jacob, E., & Morgan, D. (2019). Estimation of body fluid status by fluid balance and body weight in critically ill adult patients: a systematic review. *Worldviews on Evidence-Based Nursing*, 16(6), 470-477 doi: 10.1111/wvn.12394.

**Davies, H.**, Coventry, L., Jacob, A., Stoneman, L., & Jacob, E. (2019). Blood sampling through peripheral intravenous cannulas: a look at current practice in Australia. *Collegian*, <https://doi.org/10.1016/j.colegn.2019.07.010>.

Coventry, L., Jacob, A., **Davies, H.**, Stoneman, L., Keogh, S., & Jacob, E. (2019). Drawing blood from peripheral intravenous cannula compared with venepuncture: a systematic review and meta-analysis. *Journal of Advanced Nursing*, 75(11), 2313-2339 <https://doi.org/10.1111/jan.14078>.

**Davies, H.**, Leslie, G., Morgan, D., & Dobb, G. (2019). A comparison of compliance in the estimation of body fluid status using daily fluid balance charting and body weight changes during continuous renal replacement therapy. *Australian Critical Care*, 32(2), 83-89 <http://doi.org/10.1016/j.aucc.2017.12.090>.

**Davies, H.**, Leslie, G., & Morgan, D. (2017). A retrospective review of fluid balance control in CRRT. *Australian Critical Care*, 30(6), 314-319 <http://dx.doi.org/10.1016/j.aucc.2016.05.004>.

Greenwood, M., Kendrick, T., **Davies, H.**, & Gill, F. (2017). Hearing voices: comparing two methods for analysis of focus group data. *Applied Nursing Research*, 35, 90-93 <http://dx.doi.org/10.1016/j.apnr.2017.02.024>.

Gill, F., Kendrick, T., **Davies, H.**, & Greenwood, M. (2016). A two phase study to revise the Australian practice standards for specialist critical care nurses. *Australian Critical Care*, 30(3), 173-181 <http://dx.doi.org/10.1016/j.aucc.2016.06.001>.

- Davies, H.,** McKenzie, N., Williams, T., Leslie, G., McConigley, R., Dobb, G., & Aoun, S. (2016). Challenges during long-term follow-up of ICU patients with and without chronic disease. *Australian Critical Care*, 29(1), 27-34 <http://dx.doi.org/10.1016/j.aucc.2015.04.002>.
- Davies, H.,** Leslie, G., & Morgan, D. (2015). Effectiveness of daily fluid balance charting in comparison to the measurement of body weight when used in guiding fluid therapy for critically ill adult patients: a systematic review protocol. *JBIC Database of Systematic Reviews & Implementation Reports*, 13(3), 111-123 doi: 10.11124/jbisrir-2015-2010.
- Williams, T., McConigley, R., Leslie, G., Dobb, G., Phillips, M., **Davies, H.,** & Aoun, S. (2015). A comparison of outcomes among hospital survivors with and without severe comorbidity admitted to the intensive care unit. *Anaesthesia and Intensive Care*, 43(2), 230-237 doi: 10.1177/0310057X1504300214.
- Williams, T., Leslie, G., Mills, L., Leen, T., **Davies, H.,** Hendron, D., & Dobb, G. (2014). Frequency of aspirating gastric tubes for patients receiving enteral nutrition in the ICU: a randomized controlled trial. *Journal of Parenteral and Enteral Nutrition*, 38(7), 809-816 doi: 10.1177/0148607113497223.
- Morgan, D., Ho, K., Murray, C., **Davies, H.,** & Louw, J. (2012). A randomized trial of catheters of different lengths to achieve right atrium versus superior vena cava placement for continuous renal replacement therapy. *American Journal of Kidney Diseases*, 60(2), 272-279 doi: 10.1053/j.ajkd.2012.01.021.
- Davies, H.,** & Leslie, G. (2012). Acute kidney injury and the critically ill patient. *Dimensions of Critical Care Nursing*, 31(3), 135-152 doi: 10.1097/DCC.0b013e31824dff74.
- Davies, H.,** Leslie, G., & Morgan, D. (2011). Continuous renal replacement treatment and the 'bleeding patient'. *BMJ Case Reports*, doi: 10.1136/bcr.01.2009.1523.
- Davies, H.,** & Leslie, G. (2007). Anticoagulation in CRRT: agents and strategies in Australian ICUs. *Australian Critical Care*, 20(1), 15-26 doi: 10.1016/j.aucc.2006.11.001.
- Davies, H.,** Leslie, G., Pereira, S., & Webb, S. (2008). A randomized comparative crossover study to assess the affect on circuit life of varying pre-dilution volume associated with CVVH and CVVHdf. *International Journal of Artificial Organs*, 31(3), 221-227 doi: 10.1177/039139880803100305.

**Davies, H., & Leslie, G. (2008).** Intermittent versus continuous renal replacement therapy: a matter of controversy. *Intensive and Critical Care Nursing*, 24(5), 269-285 doi: 10.1016/j.iccn.2008.02.001.

**Davies, H., Morgan, D., & Leslie, G. (2008).** A regional citrate anticoagulation protocol for pre-dilutional CVVHDF: the 'modified Alabama protocol'. *Australian Critical Care*, 21(3), 154-166 doi: 10.1016/j.aucc.2008.04.002.

**Davies, H., & Leslie, G. (2006).** Maintaining the CRRT circuit: non-anticoagulant alternatives. *Australian Critical Care*, 19(4), 133-138 doi: 10.1016/s1036-7314(06)80026-3.

Book Chapters:

Jacob, E., & **Davies, H. (2020).** Clinical Readiness. In H. Harrison, M. Birks, & J. Mills (Eds.), *Registered Nurse Transition to Practice*: Oxford University Press.

<b>PRESENTATIONS</b>
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Oral presentation, Joondalup Health Campus and Psi Alpha at-Large evening of shared research and poster displays, 22<sup>nd</sup> October 2019: 'Investigation of blood sampling from intravenous cannulas in acute health care'.

Oral presentation, 9<sup>th</sup> International Congress on Innovations in Nursing, Pan Pacific Hotel, Perth, 29<sup>th</sup> & 30<sup>th</sup> November 2018: 'Extended immersive ward-based simulation'.

Oral presentation, Gavin Leslie Best Nursing Paper, 43<sup>rd</sup> Australian and New Zealand meeting on Intensive Care, Adelaide Convention Centre, 11<sup>th</sup> to 13<sup>th</sup> October 2018: 'A comparison of compliance in the estimation of body fluid status using daily fluid balance charting and body weight changes during continuous renal replacement therapy'.

Oral presentation, 12<sup>th</sup> Congress of the World Federation of Critical Care Nurses, Brisbane Convention & Exhibition Centre, 21<sup>st</sup> to 23<sup>rd</sup> April 2016: 'A journey to better fluid balance control in CRRT'.

Poster presentation, 40<sup>th</sup> Australian and New Zealand meeting on Intensive Care, Skycity Convention Centre, Auckland, New Zealand, 29<sup>th</sup> to 31<sup>st</sup> October 2015: 'A traffic light approach to fluid balance control during CRRT'.

Oral presentation, 39<sup>th</sup> Australian and New Zealand meeting on Intensive Care, Melbourne Convention and Exhibition Centre, 9<sup>th</sup> to 11<sup>th</sup> October 2014: A retrospective review of fluid balance control in CRRT'.

Oral presentation, 7<sup>th</sup> International Congress on Innovations in Nursing, Perth, 20<sup>th</sup> to 21<sup>st</sup> November 2014: 'Investigators' experiences in conducting a follow-up study of ICU patients by telephone interviews and healthcare diaries'.

Oral presentation 39<sup>th</sup> Australian and New Zealand meeting on Intensive Care, Melbourne Convention & Exhibition Centre, 9<sup>th</sup> to 11<sup>th</sup> October 2014: 'A retrospective review of fluid balance control in CRRT'.

Oral presentation 39<sup>th</sup> Australian and New Zealand meeting on Intensive Care, Melbourne Convention & Exhibition Centre, 9<sup>th</sup> to 11<sup>th</sup> October 2014: 'Teamwork before and after implementation of POD nursing'.

Oral presentation 6<sup>th</sup> International Congress on Innovation in Nursing, Perth, 21<sup>st</sup> to 23<sup>rd</sup> November 2012: 'Reducing the frequency of aspirating gastric tubes in patients enterally fed in the ICU: a randomized control trial'.

Poster presentation 34<sup>th</sup> Australian and New Zealand meeting on Intensive Care, Perth, 29<sup>th</sup> to 31<sup>st</sup> October 2009: 'The development of a pressure profile system to monitor circuit function during CRRT'.

Oral presentation 31<sup>st</sup> Australian and New Zealand meeting on Intensive Care, Hobart, 12<sup>th</sup> to 15<sup>th</sup> October 2006: 'A randomised comparative crossover study to assess the affect on circuit life of varying pre-dilution volumes associated with continuous veno-venous haemofiltration (CVVH) and continuous veno-venous haemodiafiltration (CVVHDF)'.

<b>RESEARCH GRANTS</b>
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Project title: 'Sampling blood from peripheral intravenous cannulas and haemolysis rates: an observational study'

Granting body: WA Nurses Memorial Charitable Trust

Investigators: Elisabeth Jacob (chief investigator), Linda Coventry, **Hugh Davies**

Date: October 2018

Value: \$14,956

Project title: 'Prevalence of blood sampling from intravenous cannulas post insertion in acute healthcare'

Granting body: WA Nurses Memorial Charitable Trust

Investigators: Elisabeth Jacob (chief investigator), Linda Coventry, **Hugh Davies**

Date: October 2017

Value: \$14,673

Project title: 'Forecasting level of ultrafiltration and intensity of dialysis'

Granting body: Royal Perth Hospital

Investigators: **Hugh Davies** (chief investigator), Gavin Leslie, David Morgan

Date: October 2011

Value: \$10,000

<b>POSTGRADUATE RESEARCH &amp; HIGHER DEGREE SUPERVISION</b>
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Karen Maxino 10527429, L61 Doctor of Philosophy, commenced part-time 1<sup>st</sup> January 2020

<b>TEACHING EXPERIENCE</b>
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- Ability to follow course curriculum at undergraduate and postgraduate level according to unit learning outcomes.
- Incorporation of summative and formative assessments to evaluate teaching success in achieving desired learning outcomes.
- Development of an extended immersive simulation program and implementation of experiential learning opportunities for final year nursing students to assist them with transitioning to professional practice.
- Delivery of flexible learning opportunities for students involving face-to-face lectures, online lecture recordings, and interactive self-directed activities.

<b>PROFESSIONAL SERVICE</b>
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- SNM Curriculum Teaching and Learning Committee (January-June 2020)
- SNM Work Health and Safety Committee (June 2016 – present)
- Editorial Board Member of 'Australian Critical Care' (appointed from 1<sup>st</sup> August 2019 until August 2023)
- External Thesis Assessor Flinders University:
  - Sowha Jeong 207734 Master of Nursing by coursework and research 7<sup>th</sup> August 2017
  - Ying Yu 2051939 Master of Nursing by coursework and research 5<sup>th</sup> March 2020
- Research grant assessor for the Australian College of Critical Care Nurses (Queensland Branch) Clinical Audit/Quality Assurance Grant 2017.

<b>AWARDS</b>
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Date: October 2018

Award name: 'Gavin Leslie Best Nursing Paper'

Description: Awarded in recognition of excellence in nursing research sponsored by the Australian College of Critical Care Nurses and Australian Critical Care Journal

Value: \$3,000

Date: December 2013

Award name: 'Clinician Raine Research Foundation Fellowship'

Description: Awarded to early or mid-career researchers in support of clinical research sponsored by the WA Department of Health and the Raine Medical Research Foundation.

Value: \$100,081

Date: December 2005

Award name: 'Helen Bailey Scholarship'

Description: Awarded to assist nurses undertaking a Masters or PhD research project sponsored by the WA Department of Health.

Value: \$10,000

<b>MEMBERSHIP OF PROFESSIONAL SOCIETIES</b>
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- Australian College of Critical Care Nurses 'Life Membership' for notable contributions to the college and critical care nursing awarded 12<sup>th</sup> October 2017
- Australian Nursing and Midwifery Federation (WA Branch)