Critical Care Publications

Cwm Taf Health Board

Gamma-delta T-cell and innate immunity in sepsis
T Szakmany
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest

N-acetylcysteine in sepsis and ARDS
T Szakmany
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest

Muscle relaxation during mechanical ventilation: Pro Relax!
T Szakmany
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest

An audit of epidemiology and outcome of acute respiratory distress syndrome
Challenor S, Joseph A, Szakmany T
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest

Human GDT cells in severe bacterial sepsis
Morgan M, Szakmany T, Davey M, Olaniyi P, Hall J, Eberl M
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest

Neuromuscular blocking agents in ARDS: systematic review and meta-analysis
Woodhouse T, Szakmany T
Presented at SepsEAST, 1st Central and Eastern European Sepsis Forum, 20-22 September 2012, Budapest
Winner of the Clinical Paper Award

Durno, Kimberley; Holst, Benjamin; Wilkes, Antony; Shah, Sanjoy; Labeta, Mario; Hall, Judith; Szakmany, Tamas

STLR-2 LEVELS CAN DISCRIMINATE BETWEEN INFECTIVE AND NON-INFECTIVE ORIGINS OF MULTI-ORGAN DYSFUNCTION ON ICU ADMISSION: A PILOT STUDY.
Welsh Intensive Care Society Annual Meeting, Portmeirion
Winner of the Runners-up prize
STLR-2 LEVELS CAN DISCRIMINATE BETWEEN INFECTIVE AND NON-INFECTIVE ORIGINS OF MULTI-ORGAN DYSFUNCTION ON ICU ADMISSION: A PILOT STUDY.
Cwm Taf R&D Conference, October 2012, Llantrisant

Human GDT cells in severe bacterial sepsis
Olaniyi P, Morgan M, Davey M, Hall J, Eberl M, Szakmany T
Cwm Taf R&D Conference, October 2012, Llantrisant
Winner of the Best Poster Prize

OCTAGENERIANS ON THE ICU: ARE WE DOING IT RIGHT?
H. Rajanna, T. Szakmany
Presented at the ESICM LIVES 2012 25th Annual Congress, 13-17 October 2012, Lisbon, Portugal

HIGH OXYGENATION INDEX: BAD LUNGS OR BAD DOCTORS?
R. Gosavi1, T. Szakmany1
Presented at the ESICM LIVES 2012 25th Annual Congress, 13-17 October 2012, Lisbon, Portugal

NURSE-LED QUALITY IMPROVEMENT PROGRAMME TO REDUCE HEALTHCARE RELATED INFECTIONS: 4 YEARS EXPERIENCE
A. Hermon1, T. Pain1, H. Jerrett1, P. Beckett1, T. Szakmany1
Presented at the ESICM LIVES 2012 25th Annual Congress, 13-17 October 2012, Lisbon, Portugal

CRITICAL CARE OUTREACH: CHANGING THE GAME
J. Burke1, S. Wood1, L. Smith1, A. Hermon1, T. Szakmany1
Presented at the ESICM LIVES 2012 25th Annual Congress, 13-17 October 2012, Lisbon, Portugal

Human γδ T cells in severe bacterial sepsis
M. Morgan*, T. Szakmany, M. Davey*, J. E. Hall and M. Eberl*
Anaesthetic Research Society Meeting

Human γδ T cells in severe bacterial sepsis
M. Morgan*, T. Szakmany, M. Davey*, J. E. Hall and M. Eberl*
Intensive Care Society State of the Art Meeting
London, UK, December 2012
Winner of the ISF Free Paper Oral Presentation Award

Minik, Orsolya; Szakmany, Tamas
ROUTINE CHEST X-RAY AFTER PERCUTANEOUS TRACHEOSTOMY: NICETY OR NECESSITY?.
SCCM Annual Congress, San Juan, Puerto Rico January 2013
Durno, Kimberley; Holst, Benjamin; Wilkes, Antony; Shah, Sanjoy; Labeta, Mario; Hall, Judith; Szakmany, Tamas
STLR-2 LEVELS CAN DISCRIMINATE BETWEEN INFECTIVE AND NON-INFECTIVE ORIGINS OF MULTI-ORGAN DYSFUNCTION ON ICU ADMISSION: A PILOT STUDY. SCCM Annual Congress, San Juan, Puerto Rico January 2013

Szakmany, Tamas; Hermon, Andrew; Lawrence, Paul
FROM PROCESS COMPLIANCE TO ZERO INFECTIONS: HOW CAN THE USE INFORMATION TECHNOLOGY IMPACT ON QUALITY. SCCM Annual Congress, San Juan, Puerto Rico January 2013

The role of gamma delta t-cells in severe bacterial sepsis
M. Morgan*, J. Hall, T. Szakmany, M. Eberl, R. Roberts
23rd European Congress of Clinical Microbiology and Infectious Diseases. April 2013, Berlin, Germany

Does renal function improve after open aneurysm repair?
Dr Latha Srinivasa
Presented at World Congress of Anaesthesia, Buenos Aires, March 2012

A survey of Welsh Intensive Care Unit standards based on the Fourth National Audit Project Dr Emil Hodzovic FP1, Dr Tom Moses CT2, Dr Latha Srinivasa Consultant Intensivist
Presented at the Society of Anaesthetists of Wales

Audit of survival outcomes of patients admitted to ICU following cardiac arrest.
Dr Morris-Clarke, Dr Latha Srinivasa
Presented at Society of Anaesthetists at Wales, March 2013.

Dectin-1 Study – Dr Nick Mason, Aneurin Bevan Health Board
Since June 2012 we have been participating, as the second centre, in the Dectin-1 Study organised by Rosemary Barnes and Matt Wise at UHW. This NISCHR portfolio study aims to establish if a polymorphism in the Dectin-1 gene represents a risk factor for the development of Candida colonisation and subsequent invasive candidosis in critically ill patients. The study, which only involves the collection of a mouth swab and blood sample from consecutive patients has provided an excellent introduction to clinical research for the unit.

Initial recruitment for the study was slow, but the appointment of Una Gunter as a Band 6 research nurse for 22.5 hours a week through NISCHR CRC funding enabled recruiting to improve significantly and we have just recruited our 100th patient to the study. Perhaps far more importantly than increasing recruitment to the study, Una’s enthusiasm and presence on the unit, supported by one of our Band 7 nurses, Sarah Beuschel, has acted as a catalyst for an explosion in interest in clinical research among the nursing staff. As a result of this interest 2 further staff nurses have recently completed GCP training.

Aneurin Bevan Local Health Board
FREE Study - Dr Nick Mason, Aneurin Bevan Health Board

The unit was selected by ICNARC as one of only 20 units in the UK, and only 2 in Wales, to participate in the Family Reported Experiences Evaluation (FREE) Study. This study aims to test the validity of the Canadian FS-ICU questionnaire in British ICUs; to describe family satisfaction with patient care and to model methods of sampling from the FREE Study results to enable the FS-ICU questionnaire to be used as a tool for quality improvement in all ICUs across Britain. Recruitment for this study begins shortly and because it involves recruitment of family members, rather than patients, will be carried out by the nursing staff at the bedside offering them a unique opportunity to take part in a large, multi-centre study.

Future Developments and Present Difficulties in Aneurin Bevan Health Board

We are currently considering participation in a number of other portfolio studies as well as developing some low budget projects in collaboration with colleagues in other departments and on the back of our current research activity that may be considered as preparation-for-portfolio studies.

Although we would have not been able to recruit effectively for the Dectin-1 Study without NISCHR CRC financial and clerical support, the model of activity based funding that currently exists in Wales means that money earned for portfolio studies is not accessible by the departments carrying out research and is lost within the Health Boards. This could act as a major disincentive in trying to build an active research programme. It is to be hoped that this problem will be urgently addressed and that a more transparent and accessible funding stream replaces the current model.

Cardiff & Vale University Health Board

Publications


- **MP Wise** and DW Williams. Oral care and pulmonary infection – the importance of plaque scoring. *Critical Care 2013;17:101*

- N Nielsen, **MP Wise**, AP Walden, H Friberg. Defining the Optimal Target Temperature Following Cardiac Arrest. *Critical Care Medicine 2012;40:3118*

- AP Walden, MJ Bonten and **MP Wise**. Should selective digestive decontamination be used in critically ill patients? *BMJ 2012;345:e6697*

- **PJ Frost and MP Wise**. Early management of the acutely ill ward patient. *BMJ 2012;345:e567*


- DW Williams, MAO Lewis, PJ Marino, **MP Wise**. The oral cavity, biofilms and ventilator-associated pneumonia. *Current Respiratory Medicine Reviews 2012, 8:(3)163-9.*

**MP Wise, MP Morgan, CD Hingston and HL Watkins.** Bedside handover of critically ill patients. *Critical Care 2012, 16:419*


**MH Almond, DF McAuley, MP Wise, and MJD Griffiths.** Influenza related pneumonia. *Clinical Medicine February 2012, 12:67-70*

**MP Wise, MPG Morgan and AG Saayman.** Duration of Antibiotic Therapy in Bacteraemia. *Critical Care 2012, 16:403*

**TW Holmes, A Campbell, J Sinha, MP Wise.** The importance of diagnostic testing in the management of community-acquired respiratory infection during influenza season. *Critical Care 2012, 16:401*

**In Press**

**MPG Morgan, D Huckle, S Singh, MP Wise.** Update on the diagnosis and management of Acute Respiratory Distress Syndrome: scaling the Berlin wall. *British Journal of Intensive Care 2013 Summer*

**MP Wise and PJ Frost.** In Oxford Diagnosis and Treatment in Internal Medicine. Ed P Davey and D Sprigings. Section II: Chapter 38 - Hypothermia, Chapter 39 – Hyperthermia Section III: Chapter 55 – Role of the Intensive Care Unit, Chapter 56 - ITU Treatment of Respiratory Failure, Chapter 57 – ITU Treatment of Cardiovascular Failure, Chapter 58 – ITU Treatment of Renal
Failure, Chapter 59 – ITU Treatment of Severe Sepsis and Septic Shock, Chapter 60 - Terminal Care in ITU, Chapter 61 – Brain Death, Chapter 238 – Nutritional Support, Chapter - Diagnosis and Treatment of Critical Illness. Oxford University Press


♦ In Submission

