

# MOHD. BASRI BIN MAT NOR



- KULLIYAH OF MEDICINE
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- Master of Anaesthesiology
- Bachelor of Medicine , Bachelor of Surgery and Bachelor of Obstetrics
- B.A.O

## ACADEMIC QUALIFICATION

### TEACHING RESPONSIBILITIES

ANAESTHESIOLOGY

2011/2012 2012/2013 2014/2015 2015/2016  
2016/2017 2017/2018 2018/2019

BASIC GENERAL SURGERY POSTING

2013/2014

### RESEARCH PROJECTS

#### In Progress

- 2017 - Present** - The Effect of Holy Quran Recitation on Physiological Stress Response in Mechanically Ventilated Patients: A Randomized Controlled Trial
- 2016 - Present** - "The Calorie Optimization Study with Indirect Calorimetry in Critically ill Patients: Development of Feeding Protocol in Intensive Care"
- 2016 - Present** - "The Calorie Optimization Study with Indirect Calorimetry in Critically ill Patients: Development of Feeding Protocol in Intensive Care"
- 2015 - Present** - ESTABLISHMENT OF THE INTENSIVE CARE NURSING & OUTREACH RESEARCH UNIT
- 2015 - Present** - UNDERSTANDING OF LONG TERM IMPACT OF TRAUMATIC BRAIN INJURY (TBI) ON SURVIVORS' LIFE DURING RECOVERY: A 24 MONTH FOLLOW-UP STUDY
- 2015 - Present** - Critical Care Outreach- Community Program for Critical Illness Survivors and Family Members Recovery

#### Completed

- 2015 - 2017** - Critical Care Outreach- Community Program for Critical Illness Survivors and Family Members Recovery
- 2015 - 2018** - Development of Glomerular Filtration Rate Monitor Based on Creatinine Kinetic Modelling in Critically Ill Patients
- 2014 - 2016** - Implementation of Intensive Care Outreach: Nurses and Junior Doctors? Knowledge, Attitude and Practice In Risk Assessment and Response to Deteriorating Patients

- 2014 - 2016** The Diagnostic And Predictive Performance Of Plasma Neutrophil-Gelatinase Associated Lipocalin In Critically Ill Patients With Systematic Inflammatory Syndrome, Sepsis And Acute Kidney Injury.
- 2011 - -1** RU 2011 -Diagnostic value of procalcitonin, C-reactive protient, Interleukin-8 in critically ill patients admitted with suspected sepsis.
- 2011 - 2013** RU 2011 -Diagnostic value of procalcitonin, C-reactive protient, Interleukin-8 in critically ill patients admitted with suspected sepsis.
- 2010 - 2011** Handbook on Acute Pain Management Service
- 2009 - 2012** Anaesthesiology for Medical Undergraduates (2nd Edition)
- 2008 - 2012** Procalcitonin (PCT) as a Highly Sensitive and Specific Sepsis Marker in the Adult Intensive Care Unit (ICU)
- 2004 - 2008** Original Title: Single Blind, Prospective Randomize Compararison Parecoxib Sodium with Fentanyl during Intubation and Parecoxib Sodium with Morphine for Post-Operation Major Surgery New Title: Single Blind, Prospective Randomize Comparison

## PUBLICATIONS

### Article

- 2019** [Study on the blood glucose management with controlled goal feed in Malaysian critically ill patients.](#) IOP Conference Series: Materials Science and Engineering , 469 (2019) pp.1-10
- 2019** [Derivation of a new bioscore for predicting mortality in sepsis.](#) International Medical Journal Malaysia , 18 (1) pp.81-88
- 2019** [Physiological and psychological of listening to Holy Quran recitation in the intensive care unit patients: a systematic review.](#) The International Medical Journal Malaysia , 18 (1) pp.145-155
- 2019** [Model-based glyceic control in a Malaysian intensive care unit: performance and safety study.](#) Medical Devices: Evidence and Research , 2019 (12) pp.215-226
- 2018** [Assessing mechanical ventilation asynchrony through iterative airway pressure reconstruction.](#) Computer Methods and Programs in Biomedicine , 157 pp.217-224
- 2018** [Association between energy and protein adequacy with quality of life in mechanically ventilated critically ill patients: a preliminary result.](#) Clinical Nutrition , 37 (Supplement 1) pp.S300-S301
- 2018** [Sepsis mortality score for the prediction of mortality in septic patients.](#) Journal of Critical Care , 43 pp.163-168
- 2018** [Performance of stochastic targeted blood glucose control protocol by virtual trials in the Malaysian intensive care unit.](#) Computer Methods and Programs in Biomedicine , 162 pp.149-155

- 2018** [Nutrition therapy for critically ill patients across the Asia-Pacific and Middle East Regions: a consensus statement.](#) Clinical Nutrition ESPEN , 24 pp.156-164
- 2018** [Sepsis in tropical regions: Report from the task force on tropical diseases by the World Federation of Societies of Intensive and Critical Care Medicine.](#) Journal of Critical Care , 46 pp.115-118
- 2018** [Refeeding hypophosphataemia after enteral nutrition in a Malaysian intensive care unit: risk factors and outcome.](#) Asia Pacific Journal of Clinical Nutrition , 27 (2) pp.329-335
- 2018** [Levels and diagnostic value of model-based insulin sensitivity in sepsis: a preliminary study.](#) Indian Journal of Critical Care Medicine , 22 (6) pp.402-407
- 2018** [Intensive care in severe malaria: report from the task force on tropical diseases by the World Federation of Societies of Intensive and Critical Care Medicine.](#) Journal of Critical Care , 43 pp.356-360
- 2018** [Nutritional management of the critically ill obese patient.](#) International Medical Journal Malaysia , 17 (2) pp.143-148
- 2018** [Acute kidney injury in Malaysian intensive care setting: incidences, risk factors and outcome.](#) Indian Journal of Critical Care Medicine , 22 (12) pp.831-835
- 2018** [Clinical application of respiratory elastance \(CARE trial\) for mechanically ventilated respiratory failure patients: a model-based study.](#) IFAC-PapersOnLine , 51 (27) pp.209-214
- 2018** [A machine learning model for real-time asynchronous breathing monitoring.](#) IFAC-PapersOnLine , 51 (27) pp.378-383
- 2018** [Virtual trial of glycaemic control performance and nursing workload assessment in diabetic critically ill patients.](#) International Journal of Engineering and Technology(UAE) , 7 (4) pp.54-58
- 2018** [Deteriorating patients and risk assessment among nurses and junior doctors: a review.](#) The International Medical Journal Malaysia , 17 (1) pp.153-162
- 2018** [Functional outcomes 6 months after severe traumatic brain injury following admission into intensive care unit: a cohort study in two tertiary hospitals.](#) Clinical Nursing Research (1) pp.1-22
- 2017** [Estimation of plasma insulin and endogenous insulin secretion in critically ill patients using intensive control insulin-nutrition-glucose model.](#) Advanced Science Letters , 23 (6) pp.5510-5514
- 2017** [Performance of glycaemic control protocol and virtual trial.](#) Advanced Science Letters , 23 (6) pp.5415-5418
- 2017** [Prevalence of hypertension and glycaemic control in adult type-2 diabetes patients: A preliminary retrospective cohort study in Kuantan, Pahang, Malaysia.](#) International Medical Journal Malaysia (IMJM) , 16 (1) pp.115-122
- 2017** [Plasma neutrophil gelatinase associated lipocalin diagnosed acute kidney injury in patients with systemic inflammatory disease and sepsis.](#) Nephrology , 22 (5) pp.412-419

- 2017** [The role of hospital organizational factors in improving patient-important outcomes of critically ill patients.](#) Malaysian Society Of Anaesthesiologists Yearbook 2016/2017 , 2016/2017 pp.15-26
- 2017** [Validating a lower urine output criteria in predicting death in critically ill patients.](#) The International Medical Journal of Malaysia , 16 (1) pp.45-52
- 2017** [Pneumonia in the tropics: Report from the Task Force on tropical diseases by the World Federation of Societies of Intensive and Critical Care Medicine.](#) Journal of Critical Care , 42 pp.360-365
- 2017** [Estimates of glomerular filtration rate in the critically ill with sepsis.](#) Kidney International Reports , 2 (4) pp.S33-S34
- 2017** [Prevalence of acute kidney injury and sepsis in a Malaysian intensive care setting.](#) Kidney International Reports , 2 (4) pp.S6-S6
- 2017** [Dynamic changes of plasma neutrophil gelatinase-associated lipocalin predicted mortality in critically ill patients with systemic inflammatory response syndrome.](#) Indian Journal of Critical Care Medicine , 21 (1) pp.23-29
- 2016** [Risk assessment and responses to deteriorating patients: Nurses and junior doctors' knowledge, attitudes and practice \(KAP\) in the East Coast Malaysia.](#) Journal of Malaysian Nurses Association pp.2-16
- 2016** [Beta-Lactam Infusion in Severe Sepsis \(BLISS\): a prospective, two-centre, open-labelled randomised controlled trial of continuous versus intermittent beta-lactam infusion in critically ill patients with severe sepsis.](#) Intensive care medicine pp.1-11
- 2016** [Population pharmacokinetics of doripenem in critically ill patients with sepsis in a Malaysian intensive care unit.](#) Antimicrobial agents and chemotherapy , 60 (1) pp.206-214
- 2016** [Procalcitonin and Interleukin-6 for predicting culture negative and culture positive bacterial sepsis in critically ill patients with systemic inflammatory response syndrome.](#) International Medical Journal Malaysia , 15 (Supplement issue) pp.85
- 2016** [High frequency oscillatory ventilation in leptospirosis pulmonary haemorrhage: A case series.](#) Indian Journal of Critical Care Medicine , 20 (6) pp.342-348
- 2016** [Mathematical modeling of glucose-insulin system behavior in Hospital Tengku Ampuan Afzan intensive care unit patients.](#) ARPN Journal of Engineering and Applied Sciences , 11 (18) pp.10899 -10903
- 2016** [The diagnostic ability of procalcitonin and interleukin-6 to differentiate infectious from noninfectious systemic inflammatory response syndrome and to predict mortality.](#) Journal of Critical Care , 33 pp.245-251
- 2016** [The impact of fluid balances in the first 48 hours on mortality in the critically ill patients.](#) International Medical Journal Malaysia , 15 (1) pp.13-18
- 2015** [Pharmacokinetics of piperacillin in critically ill patients receiving continuous venovenous haemofiltration: a randomised controlled trial of continuous infusion versus intermittent bolus administration.](#) International Journal of Antimicrobial Agents , 46 (1) pp.39-44

- 2015** [Prevalence of hypertension among adult type-2 diabetes patients: a preliminary study in Kuantan, Pahang, Malaysia.](#) International Medical Journal Malaysia , 14 (supplement issue) pp.16
- 2015** [Refeeding hypophosphataemia in a Malaysian intensive care unit: incidence, risk factors and outcomes.](#) Brunei International Medical Journal , 11 (2) pp.65-73
- 2015** [Acute kidney injury in a Malaysian intensive care unit: assessment of incidence, risk factors and outcome.](#) Journal of Critical Care , 30 (3) pp.636-642
- 2015** [Pharmacokinetics of meropenem in critically ill patients receiving continuous venovenous haemofiltration: A randomized controlled trial of continuous infusion versus intermittent bolus administration.](#) International Journal of Antimicrobial Agents , 45 (1) pp.41-45
- 2014** [A national survey of renal replacement therapy prescribing practice for acute kidney injury in Malaysian intensive care units.](#) Nephrology , 19 pp.507-512
- 2014** [Diagnosing and treatment of adrenocortical insufficiency in the intensive care unit.](#) Malaysian Society of Anaesthesiologists Yearbook 2013/2014 , 2013/2014 pp.60-67
- 2014** [Procalcitonin clearance for early prediction of survival in critically ill patients with severe sepsis.](#) Critical Care Research and Practice , 2014 (819034) pp.1-7
- 2013** [Procalcitonin as a sepsis marker: experience of an intensive care setting in Malaysia.](#) Brunei International Medical Journal , 9 (4) pp.243-252
- 2012** [Report on MSA pre congress simulator workshop 2012.](#) Berita Anestesiologi , 14 (2) pp.8
- 2012** [Hypophosphatemia in the Intensive Care Unit: Incidence, Predictors and Management.](#) The International Medical Journal Malaysia , 11 (1) pp.31-36
- 2010** [High frequency oscillating ventilation \(HFOV\) in severe acute respiratory distress syndrome \(ARDS\): a case report .](#) The Internal Medical Journal , 9 (1) pp.51-54
- 2009** [A case series of the use of High Frequency Oscillating Ventilation \(HFOV\) in Acute Respiratory Distress Syndrome \(ARDS\) in Adult ICU of the Hospital Tengku Ampuan Afzan, Kuantan .](#) ASEAN Journal of Anaesthesiology , 10 (supp 1) pp.47
- 2009** [Continuous spinal anesthesia for lower limb surgery in patient with poor left ventricular function.](#) ASEAN Journal of Anaesthesiology , 10 (Suppl ) pp.167
- 2007** [Enteral Nutrition in Intensive Care: 'Tiger Tube'-For Small Bowel Feeding in Acute Pancreatitis. Case Report..](#) International Medical Journal Malaysia , 6 (1)
- 2007** [Oral Analgesia 24 hours after major operation: A Comparative Study Of Oral Celecoxib and Tramadol in Patients Undergoing Major Gynaecological Operation.](#) ASEAN Journal of Anaesthesiology , 8 (1) pp.59-65
- 2007** [Oral analgesic 24 hours after major operation: a comparative study of oral celecoxib and tramadol in patients undergoing major gynaecological operation .](#) Asean Journal of Anaesthesiology , 8 pp.57-63
- 2006** [Streptokinase After Spinal Anaesthesia. A Case Report.](#) International Medical Journal Malaysia , 5 (1) pp.1-4

2006 [Streptokinase after spinal anaesthesia – a case report.](#) International Medical Journal Malaysia , 5 (1)

2002 [Acute airway obstruction due to Ascaris Lumbricoides in a ventilated child.](#) International Medical Journal Malaysia , 1 (1) pp.1-3

#### Conference or Workshop Item

2019 [Insulin sensitivity and blood glucose level of sepsis patients in the intensive care unit.](#) In: **2018 IEEE EMBS Conference on Biomedical Engineering and Sciences, IECBES 2018**

2019 [Assessment of Malaysian ICU staff perceptions towards STAR glycaemic control protocol.](#) In: **2018 IEEE Region 10 Conference (TENCON 2018)**

2018 [Investigation of glucose-insulin model efficacy for diabetes patient in the ICU.](#) In: **2nd International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2017**

2018 [Blood glucose and sepsis score on sepsis patients requiring insulin therapy.](#) In: **2nd International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2017**

2018 [Model iterative airway pressure reconstruction during mechanical ventilation asynchrony: shapes and sizes of reconstruction.](#) In: **2nd International Conference for Innovation in Biomedical Engineering and Life Sciences (ICIBEL 2017) in conjunction with APCMBE 2017**

2018 [Decision support for parenteral nutrition supplementation in ICU using model-based glycaemic control protocol.](#) In: **2nd International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2017**

2018 [Model-based insulin-nutrition administration for glycaemic control in Malaysian critical care: First pilot trial.](#) In: **2nd International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2017**

2017 [Understanding of long-term impact of severe Traumatic Brain Injury \(TBI\) survivors during recovery following Intensive Care Unit \(ICU\) admission: a follow-up study in two neuro - center hospitals.](#) In: **USM National Nursing Conference 2017**

2017 [Functional outcome 6 months after severe traumatic brain injury following admission to intensive care unit: A follow-up study in two neuro-center hospitals.](#) In: **Medical Research Symposium (MRS 2017)**

2017 [Comparison between different equations for estimating glomerular filtration rate \(GFR\) with kinetic estimates of GFR in the critically ill.](#) In: **Malaysian Society of Anaesthesiology Annual Scientific Meeting 2017**

2017 [Prevalence of augmented renal clearance in a Malaysian intensive care setting.](#) In: **Malaysian Society of Anaesthesiology Annual Scientific Meeting 2017**

2017 [Derivation of a multi-biomarker model and score as a predictor of 30-day mortality in critically ill sepsis patients: A prospective cohort study.](#) In: **Malaysian Society Anaesthesiology Annual Scientific Meeting 2017**

2017 [Model-based insulin sensitivity for early diagnosis of sepsis in critical care.](#) In: **Annual Scientific Meeting on Intensive Care (ASMIC 2017) : 1st Asian Pediatric Mechanical Ventilation Forum**

- 2017 [Validity of predictive equations for estimation of resting energy expenditure among mechanically ventilated critically ill patients: Preliminary findings.](#) In: "Parenteral and Enteral Nutrition Society of Asia (PENSA) 2017 conference"
- 2017 [Efficacy and safety of SPRINT and STAR protocol on Malaysian critically-ill patients.](#) In: 2016 IEEE EMBS Conference on Biomedical Engineering and Sciences (IECBES)
- 2017 [Augmented renal clearance in critically ill patients with sepsis: prevalence, risk factors and outcome.](#) In: **Medical Research Symposium 2017**
- 2017 [Estimates of glomerular filtration rate by the chronic kidney disease epidemiology collaboration equations best correlates with kinetic estimates of glomerular filtration rates in the critically ill.](#) In: **Medical Research Symposium 2017**
- 2017 [Plasma cystatin C and estimates of glomerular filtration rate using cystatin C independently diagnosed acute kidney injury in critically ill patients with sepsis.](#) In: **Medical Research Symposium 2017**
- 2016 [Serial measurement of plasma neutrophil gelatinase associated lipocalin in mortality prediction in critically ill patients with systemic inflammatory disease and sepsis.](#) In: **Annual Scientific Congress 2016 of the Malaysian Society of Anaesthesiologists & Obstetric Anaesthesia Satellite Meeting**
- 2016 [Refeeding syndrome in a Malaysian intensive care unit: an assessment of incidence, risk factors and outcome.](#) In: **Annual Scientific Congress 2016 of the Malaysian Society of Anaesthesiologists and the 13th Obstetric Society of Anaesthesiologists Symposium**
- 2016 [Performance of blood glucose management protocols in HTAA intensive care unit.](#) In: **2016 IEEE International Conference on Automatic Control and Intelligent Systems (I2CACIS),**
- 2016 [Critical care outreach community program for primary care nurses and the outcome to critical illness survivors.](#) In: **Persidangan Kebangsaan Ketiga Pemindahan Ilmu (NCKT 16)**
- 2016 [Post herpetic neuralgia after acyclovir treatment.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**
- 2016 [Implementation of a prototype glomerular filtration rate application to monitor creatinine kinetic dynamics in critically ill patients.](#) In: **2016 IEEE EMBS Conference on Biomedical Engineering and Sciences (IECBES)**
- 2016 [Performance of STAR virtual trials for diabetic and non-diabetic in HTAA Intensive Care Unit.](#) In: **2016 IEEE EMBS Conference on Biomedical Engineering and Sciences (IECBES)**
- 2016 [Estimation of plasma insulin and endogenous insulin secretion in critically ill patients using ICING model.](#) In: **International Conference on Computer, Communication, and Control Technology (I4CT 2014)**
- 2015 [The BLISS study: Beta-Lactam infusion in severe sepsis-randomised controlled trial of continuous versus intermittent beta-lactam infusion in critically ill patients with severe sepsis in a Malaysian ICU setting.](#) In: **Joint 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and 28th International Congress of Chemotherapy (ICC) Meeting (ICAAC/ICC 2015)**

- 2015 [Plasma neutrophil gelatinase-associated lipocalin best diagnosed acute kidney injury in patients with systemic inflammatory response syndrome and sepsis](#) . In: **Malaysian Society of Anaesthesiologists & College of Anaesthesiologists Annual Scientific Congress 2015 & 13th Asian Society of Paediatric Anaesthesiologists Congress**
- 2015 [Urine output in diagnosing acute kidney injury and predicting mortality](#). In: **Malaysian Society of Anaesthesiologists & College of Anaesthesiologists Annual Scientific Congress 2015 & 13th Asian Society of Paediatric Anaesthesiologists Congress**
- 2014 [Establishing a new chronic pain clinic: challenges and achievements](#). In: **Biennial Scientific Meeting Malaysian Association for the Study of Pain 2014**
- 2014 [Acute kidney injury \(AKI\) in the intensive care unit \(ICU\) of Hospital Tengku Ampuan Afzan Kuantan \(HTAA\): Incidence, risk factors and outcome](#). In: **8th National Conference for Clinical Research 2014**
- 2013 [Antimicrobial dosing and administration in critically ill patients based on PKPD principles](#). In: **Antimicrobial Forum in ICU: Application of 2012 Guide to Antimicrobial Therapy in Adult ICU**
- 2013 [Early procalcitonin dynamics in critically ill patients with sepsis in a tertiary ICU](#). In: **11th Congress of the World Federation of Societies of Intensive and Critical Care Medicine**
- 2013 [Diagnosing and treating cortisol insufficiency in ICU](#). In: **Annual Scientific Meeting on Intensive Care (ASMIC 2013)**
- 2013 [Interpretation of culture results](#). In: **MSIC ICU Forum: Application of 2012 guide to antimicrobial therapy in adult ICU**
- 2013 [Minimally invasive haemodynamic monitoring: PiCCO](#). In: **Annual Scientific Meeting on Intensive Care (ASMIC 2013)**
- 2012 [Role of cricothyrotomy and percutaneous tracheostomy in airway management](#). In: **2nd IIUM Airway Management Scientific Meeting 2012**
- 2011 [Cardiac arrest associated with pregnancy](#). In: **2011 Asia Pacific Simulation in Nursing Education Conference**
- 2011 [A study on incidence, predictors and management of hypophosphaemia in a Malaysian ICU](#). In: **Annual Scientific Meeting on Intensive Care**
- 2011 [Monitoring the lung during mechanical ventilation](#). In: **Annual Scientific Meeting on Intensive Care**
- 2011 [Management of post cardiac arrest](#). In: **Annual Scientific Meeting on Intensive Care**
- 2011 [Role of pulse radiofrequency in entrapment nerve causing neuralgia in pain management : case series](#). In: **International Conference on Interventional Pain management 2011 & FIPP Review Course with Cadaveric Workshop**
- 2011 [Pain intervention for failed conservative chronic pain treatment: The light at the end of the tunnel](#) . In: **International Islamic University Malaysia Research, Invention and Innovation 2011**



- 2011 [Role of pulse radiofrequency and radiofrequency in trigeminal neuralgia pain management: card up your sleeve.](#) In: **4th Congress of the Association of Southeast Asian Pain Societies**
- 2009 [Smoker desaturation during general anaesthesia: a case report.](#) In: **16th Asean Congress of Anaesthesiologist & 7th National Conference on Intensive Care**
- 2007 [The use of high-fidelity patient simulation in training healthcare professionals: a proposal for co-operation between the university and Ministry of Health, Malaysia.](#) In: **Malaysian Society of Anaesthesiologists & College of Anaesthesiologists Annual Scientific Meeting 2007**
- 2007 [Oral celecoxib and tramadol after 24 hours in patients undergoing major operation in kuantan: a randomized comparattve study.](#) In: **27th Annual Scientific Meeting of the Australian Pain Society**
- 2006 [Efficiency of Ventilator Associated Pneumonia Prevention Protocol in a mixed intensive care unit in Pahang, Malaysia.](#) In: **The 14th congress of Asia Pacific Association of Critical Care Medicine 2006**

#### Book

- 2017 [Guide to antimicrobial therapy 2017.](#) Malaysian Society of Intensive Care and Ministry of Health Malaysia . ISBN 978-967-11415-3-3
- 2017 [Paraoxonase-1 activities and procalcitonin levels in sepsis and non-infectious systemic inflammatory response syndrome patients in a tertiary intensive care unit.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-735-4
- 2012 [A cardiopulmonary resuscitation guide for healthcare providers.](#) Department of Anaesthesiology and Intensive Care . ISBN 978-983-44569-0-0
- 2012 [Essential anesthesiology for healthcare professionals.](#) Department of Anaesthesiology and Intensive Care . ISBN 983-44569-0-0
- 2012 [Guide to antimicrobial therapy in the adult ICU 2012.](#) Malaysian Society of Intensive Care, MSIC secretariat . ISBN 978-967-11415-2

#### Book Section

- 2012 [Blood glucose management in the intensive care unit : insulin infusion protocol .](#) In: **Management Protocol in ICU** Ministry of Health Malaysia , pp.73-75
- 2009 [Learning about acute care via simulators.](#) In: **Practical aspects of acute care** University of Malaya Press . ISBN 978-983-100-489-0 , pp.169-173