

Scientific Program

1st Saudi Critical Care Society Conference and Annual Scientific Meeting SCCS 2010-Jeddah Hilton Hotel, Saudi Arabia 27th-29th April, 2010



Tuesday 27th April, 2010

Prof. Mohammad Seraj Hall (Saudi Arabia) - Track A

7:30 Registration and Breakfast

General Assembly of SCCS Meeting

7:30 **Reciter** Recitation from the Holy Quran
 7:33 **A Alshimemeri** SCCS President Speech
 7:36 **Y Mandourah** SCCS Vice President and SCCS 2010 Organizing Committee Chairman Speech
 7:39 **A Al-Jabbary** SCCS Education Committee Chairman and SCCS 2010 Scientific Committee Chairman Speech
 7:42 **SCFHS Member** SCCS Board Election - Nominees and Voting Process

Plenary session (Chair: A Alshimemeri)

8:00 **A Jubran** Technologic Evaluation: ICU Monitoring as a Paradigm
 8:25 **A Esteban** Evolution of Mechanical Ventilation
 8:50 Discussion

Program Hemodynamic Management (Chairs: K Maghrabi, M Hijazi)

9:00 **H Karl** Hemodynamic monitoring: a stepwise approach
 9:20 **J Alhashemi** Central venous oxygen saturation ScVO₂; not just for sepsis
 9:40 **D Cooper** Albumin resuscitation in TBI (Traumatic Brain Injury)
 10:00 Discussion
 10:20 **Coffee Break**
 10:40 **Y Mandourah** MARS
 11:00 **J Stange** Current status of routinely used liver support devices aiming at detoxification
 11:20 **Y Arabi** Hydrocortisone in cirrhotic patients
 11:40 **Joannee-Boyau** Liver support in ICU
 12:00 **J Stange** ELAD, the missing extension of current liver support technologies
 12:20 Discussion

12:40 Lunch and Prayer

11:30 Industry sponsored workshops (Please refer to workshops program further details)

Plenary session (Chair: Y Arabi)

13:00 **T Stewart** An update on lung protective ventilation
 13:25 **N Ferguson** Mechanical Ventilation of Severe Asthma
 13:50 Discussion

Program Organ donation and transplantation (Chairs: Y Mandourah, S Baharoon)

14:00 **F Shaheen** Organ donation in Saudi Arabia
 14:20 **M Baldisseri** Management of potential organ donor
 14:40 **F Shaheen** Challenges to organ donation in Saudi Arabia
 15:00 Discussion
 15:20 **Coffee Break**
 15:40 **J Varon** Selective brain hypothermia
 16:00 **M Halawani** Update on the management of Spinal Cord Injury
 16:20 **E Al-Thunayan** Predictor of poor outcome after cardiac arrest
 16:40 **A Al-Harthi** Continuous EEG monitoring in ICU: challenges and opportunity
 17:00 **E Al-Thunayan** Subarachnoid hemorrhage update
 17:20 Discussion

Pros and Cons session 24/7 in-house intensivist coverage (Chair: S Baharoon) Round Table Discussion

17:30 **Y Arabi** Pro
 17:45 **Y Mandourah** Con
 18:00 Questions
 18:10 **Closure**

Prof. Sherif Mokhtar Hall (Egypt) - Track B

Registration and Breakfast

More than routine ICU Care (Chairs: H Al-Dorzi, F Hameed)

Glutamine: an immune enhancer
 Immunogenetics of pneumonia
 Rehabilitation in the ICU: Where are we now and where do we need to go?
 Surgery for Cardiogenic Shock in ICU Patients
 Rehabilitation intervention and patient outcomes in acute respiratory failure
 Discussion
Venothromboembolic diseases VTE (Chairs: W Al-Yafi, H Alzeer)
 SAVTE Prospective
 Current trends of DVT prophylaxis
 VTE study in Saudi Arabia
 Discussion

W Al-Yafi
A Alzeer
J Zanni
R El-Oakley

Coffee Break
F Hameed
H Lababidi
H Al-Dorzi

Lunch and Prayer

Evidence Based Medicine (Chairs: H Lababidi, T Stewart)

Evidence based decision making in difficult trade off in ICU
 Innovative strategies for evidence based teaching in ICU environment
 Critical care guidelines: development, adoption or adaptation?
 Discussion
Ventilators and Hemodynamics (Chairs: A Jubran, M Baldisseri)
 Spontaneous breathing and weaning techniques
 Hemodynamic monitoring: a stepwise approach
 Electrical impedance tomography (EIT)
 Volume replacement in critically ill patients (crystalloids, artificial colloid)
 Minimally invasive hemodynamic monitoring
 Discussion

H1N1 Infection (Chair: A Al-Barrak)

H1N1 infection in Saudi Arabia
 H1N1 infection in Bahrain
 Questions

Meet the Expert - Intimate and Informal (Chair: M Hijazi)

17:30 **Azzam**
N Al-Mutairi
S Rabee
 18:30
Closure

Prof. Hossam Mowafi Hall (Egypt) - Track C

Registration and Breakfast

Mechanical Ventilation -I- (Chairs: C Putensen, H Karl)

Extubation failure versus extubation delay in brain injured patient
 How to ventilate obese patients, is it really different?
 APRV friend of foe?
 Dysynchrony/NAVA
 Invasive mechanical ventilation of the COPD patients
 Discussion
Mechanical Ventilation -II- (Chairs: C Gomersall, T Stewart)
 Psychological aspect of weaning
 Tracheostomy; when and in whom?
 The lungs in ARDS: Culprit or Victim
 Discussion

N Ferguson
A Esteban
N Ferguson
C Gomersall

Coffee Break
A Jubran
N Ferguson
A Esteban

Lunch and Prayer

Nutrition -I- (Chairs: M Al-Subki, M Zuberi)

Strategies to increase tolerance to enteral feeding in ICU patients
 Refeeding syndrome
 Micronutrient supplementation in critically ill patients
 TPN in critically ill patients
 Team building for nutritional support
 Discussion
Nutrition -II- (Chairs: O Tabara, M Al-Subki)
 Complications of enteral feeding
 Nutritional support in liver failure
 Complications of parenteral feeding
 Discussion

K Sriram
S Al-Qarni
K Sriram
O Tabbara
K Sriram

Coffee Break
K Sriram
S Al-Qarni
K Sriram

Meet the Expert - Intimate and Informal (Chair: M Hijazi)

Critical Care Response Team CCRT: implementation and r
 Critical Care Response Team CCRT: different models
 Critical Care Response Team CCRT: perception
 Discussion

Prof. Iqbal Mustapha Hall (Indonesia) - Track D

Registration and Breakfast

Hemodynamic Management (Chairs:)

Hemodynamic monitoring in PICU
 Cardiopulmonary interaction
 Update on management of sepsis
 Are we doing well in treating sepsis
 Discussion
Coffee Break
H Mukhtar
S Farooq
W Abu Ali
Cardiac Disease in PICU (Chairs:)
 Pulmonary hypertension in PICU
 Care of post-op cardiac surgery patients
 ARDS update in children
TBA
 Discussion

Lunch and Prayer

Quality Control -I- (Chairs:)

Quality assurance and risk factors
 Utilization of audit in PICU
 Care of critically ill child from presentation to discharge
TBA
 Discussion
Update on Neurosciences (Chairs:)
 Traumatic Brain Injury
 Hypothermia in traumatic brain injury
 Hypothermia in post cardiac arrest
 Status epilepticus
 Discussion

Closure

Meet the Expert - Intimate and Informal (Chair: H Al-Hashemi)

Early mobilization in the intensive care unit: safety, feasibility
 Discussion

Wednesday 28th April, 2010

Prof. Mohammad Seraj Hall (Saudi Arabia) - Track A

7:30 Registration and Breakfast

Plenary session (Chair: C Gomersall)

8:00 **J Varon** Cardiopulmonary Resuscitation CPR: Past, Present and Future
 8:25 **M Baldisseri** Fever in the ICU
 8:50 Discussion

Program Ultrasound in the ICU (Endorsed by Winfocus group-Riyadh) (Chairs: Y Arabi, H Al-Dorzi Critical Illness and Pregnancy (Chairs: H Salem, A Kharaba)

9:00 **M Alsalamah** Ultrasound in ACLS
 9:20 **S Al-Hamid** Lung ultrasound in ICU
 9:40 **M Alsalamah** Bedside DVT/PE screening in the ICU
 10:00 Discussion
 10:20 **Coffee Break**
 10:40 **W Mahmoud** Emerging multidrug resistance organism in ICU: the enemies from within
 11:00 **S Baharoon** TB prevention in the ICU
 11:20 **K Reinhart** Role of selenium and antioxidants in sepsis
 11:40 **A Kharaba** Microcirculation is the Motor of Sepsis
 12:00 **Joannee-Boyau** Hemofiltration in sepsis
 12:20 Discussion

12:40 Lunch and Prayer

11:30 Industry sponsored workshops (Please refer to workshops program further details)

Prof. Sherif Mokhtar Hall (Egypt) - Track B

Registration and Breakfast

Hemodynamic assessment in pregnant and peripartum patient

Risk factors for obstetrics admission to the ICU
 Amniotic Emboli
 Discussion
Reviews and Overviews (Chairs: Ali Al-Azem, N Ferguson)
 Functional hemodynamic: an overview
 Year in review
 Hemodynamic monitoring: a stepwise approach
 Management and starting of hemofiltration
 Evidence based therapy in thromboembolism
 Discussion

M Baldisseri
H Alsum
M Baldisseri

Coffee Break
H Karl
M Baldisseri
Joannee-Boyau
Y Arabi

Lunch and Prayer

Prof. Hossam Mowafi Hall (Egypt) - Track C

Registration and Breakfast

Mechanical Ventilation -III- (Chairs: H Al-Oraini, N Shirawi)

The prediction and Prevention of the weaning failure: myth or reality?
 High PEEP vs Low PEEP in ALI/ARDS, which is best?
 HFOV: current status and future trends
 Pathophysiological basis of the open lung strategy in ARDS
 Home mechanical ventilation
 Discussion
Cardiac Disorders in the ICU (Chairs: R El-Oakley, J Al-Hashemi)
 The diagnosis and treatment of hypertensive crisis
 Echocardiogram during resuscitation
 Cardiopulmonary resuscitation CPR: past, present and future
 Cardiac arrest: 2010 update

A Esteban
N Ferguson
T Stewart
J Jimenez
MG Jamil

Coffee Break
J Varon
S Al-Hamid
J Varon
A Khoury

Lunch and Prayer

Prof. Iqbal Mustapha Hall (Indonesia) - Track D

Registration and Breakfast

Respiratory Diseases in PICU (Chairs:)

Bronchiolitis in PICU
 Surfactant therapy for acute respiratory failure in child
 Non-invasive ventilation; where does it fit in the equation?
 NAVA
 Discussion
Coffee Break
A Alsharif
M Mysore
O Kattih
J Al-Enazi
Infectious Challenges in PICU (Chairs:)
 Ventilator associated pneumonia (VAP)
 Rational use of ATB
 Line infection in PICU
 Fungal infections in the PICU
 Discussion

Lunch and Prayer

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Prof. Mohammad Seraj Hall (Saudi Arabia) - Track A

Prof. Sherif Mokhtar Hall (Egypt) - Track B

Prof. Hossam Mowafi Hall (Egypt) - Track C

Prof. Iqbal Mustapha Hall (Indonesia) - Track D



Plenary session
 13:00 **D Cooper**
 13:25 **K Reinhart**
 13:50

(Chair: **S Baharoon**)
 High volume hemofiltration - the renal RCT result
 New aspect in the diagnosis of sepsis
 Discussion

Program
 14:00 **T Stewart**
 14:20 **Y Mandourah**
 14:40 **A Alzeer**
 15:00
 15:20 **Coffee Break**
 15:40 **H Karl**
 16:00 **A Al-Jabbari**
 16:20 **H Karl**
 16:40 **Joannee-Boyau**
 17:00 **K Abdulmalek**
 17:20

Critical Care Management (Chairs : Y Arabi, S Al-Hosaini)
 Creating critical care system: the Ontario system and impact of o
 Critical care support during Hajj
 How to design ICU
 Discussion
Blood products, Coagulation and Coagulopathy (Chairs: A Alzeer, Y Arabi)
 bedside functional coagulation monitoring: advantage and limitation
 Incidence and cause of coagulopathy in the ICU
 Coagulation Management in cardiac surgery patients
 Use and principles of anticoagulation in hemofiltration
 Appropriate use of blood products in the ICU
 Discussion

Challenges in the ICU (Chairs: K Shukri, A Khoury)
 Challenging patient with malignancy in the ICU
 Management of severe asthma in the ICU
 AIDS patient in the ICU
 Morbidly obese patients in the ICU
 Discussion
New Usage of Old Modalities in the ICU (Chairs: K Abdu
 ICU performance: role of balance scorecard
 Acute setting and indications of NIV in dyspnea
 Critical tool in Neuro-ICU
 Intra-abdominal pressure in cirrhosis
 Discussion

14:00 **Y Arabi**
 14:15 **M Chaudhary**
 14:30 **A Mady**
 14:45 **A Mady**
 15:00 **N Ismail**
 15:15 **S Al-Qarni**
 15:30 **O El Shourbagy**
 15:45 **M Saleh**
 16:00 **Y Mandourah**
 16:15 **A Ocheltree**
 16:30 **A Ocheltree**
 16:45 **A Ocheltree**
 17:00 **B Al Shehri**

Research Day Abstracts Oral Presentations (12 mins each followed by 3 min for questio
 Saudi Critical Care Trial Group
 Cardiopulmonary resuscitation success rate in hospital setting in East
 Comparative study between cardiac output monitoring by transesop
 The largest number of critically ill cases of 2009 A(H1N1) infection ad
 Using standardized tool to identif drug relater problem in critically ill patients
 Impact of feeding protocol on ICU outcome
 Characteristics and prognosis of patients admitted to the ICU at Alw
 Driveway motor vehicle injury in children at Alwahda hospital Derna-
 The correlation between Critical Care Protocols, Apache IV and Outc
 Hajj ICU Biostatistics in 2009, and predictors of ICU patient outcome
 A survey of the outcomes and predictors of Mortality of HINI patient in the ICU
 Incidence and Co-morbidities of Pneumonia during Hajj
 Factors Leading To Stress Among Saudi Nurses At Riyadh Military Hospital (RMH)

Metabolic Disease in PICU (Chairs:)
 M Mysore
 M Chehab
 S Mohaimeed
 O Alhijazi
Coffee Break
 H Bafagih
 F Hashimi-idrissi
 F Aljofan
 R Elbaheer
Closure

Challenges of the Lung and Heart in PICU (Chairs:)
 Dysnatremia in PICU
 Hepatic encephalopathy
 Blood sugar control in sepsis
 Diabetic ketoacidosis DKA in PICU
 Discussion
 Difficult airway management
 Weaning from mechanical ventilator
 VILI
 Management of heart failure
 Discussion

Pros and Cons session
 17:30 **E Al-Thomali**
 17:45 **W Al-Yafi**
 18:00
 18:10 **Closure**

Can patients or their families have the right to insist on
 Pro
 Con
 Questions

Round Table Discussion
 17:30 **J Varon**
 17:45 **E Al-Thunayan**
 18:00 **K Shukri**
 18:15 **E Jimenez**
 18:30
Closure

Therapeutic Hypothermia (Chair: A Al-Jabbari)
 Therapeutic hypothermia: past, present, and future
 Induced hypothermia for brain protection after cardiac ar
 Induced hypothermia protocols
 Induced hypothermia
 Questions

Meet the Expert - Intimate an
 17:30 **O Tabbara**
 18:30 **Closure**

Nutrition(Chair: M Al-Subki)
 Simple and Safe Prescription of Parenteral Nutrition

Pros and Cons session
 17:30 **F Bafaqeeh**
 17:45 **A Addasi**
 18:00
 18:10 **Closure**

Central Venous Pressure CVP Is it Reliable? (Chair: H Ka
 Pro
 Con
 Questions

Thursday 29th April, 2010

Prof. Mohammad Seraj Hall (Saudi Arabia) - Track A

Prof. Sherif Mokhtar Hall (Egypt) - Track B

Prof. Hossam Mowafi Hall (Egypt) - Track C

Track D

7:30 **Registration and Breakfast**

Registration and Breakfast

Registration and Breakfast

Registration and Breakfast

Plenary session
 8:00 **J Stange**
 8:25 **M Hijazi**
 8:50

(Chair: **Y Mandourah**)
 Evolution of liver support
 How safe are our patients in the ICU
 Discussion

Program
 9:00 **M Alhelail**
 9:20 **J Stange**
 9:40 **M Alhelail**
 10:00
 10:20 **Coffee Break**
 10:40 **D Cooper**
 11:00 **M Al Azzawi**
 11:20 **D Cooper**
 11:40 **A Al-Ghamdi**
 12:00 **M Al Azzawi**
 12:20
 12:40 **Lunch and Prayer**

Toxicology and Toxin Clearance (Chairs: S Al-Qahtani, M Alsalamah)
 Snake envenomation in Saudi Arabia
 The rationale of detoxification in liver dysfunction associated with m
 Safety and efficacy of IV versus oral N-Acetylcystine for acetaminoph
 Discussion
Trauma and Burn Patients in the ICU (Chairs: A Al-Shimemeri, M Al
 DEcompressive CRAniotomy DECRA study
 Bed Sores in patients in the ICU
 How I manage traumatic brain injured patient
 Damage Control in Trauma
 Factors affecting fluid resuscitation in burn patient
 Discussion

Coffee Break
S Al-Qahtani
M Hijazi
S Al-Qahtani
A Al-Jabbari
S Al-Qahtani
Lunch and Prayer

Safety in the ICU and ICU Access (Chairs: M Hijazi, M Al-fifi)
 Safety in the ICU
 Access to critical care
 Reduction of Resuscitation Error
 Discussion
CCRT, Education and Training (Chairs: H Al-Dorzi, J Al-Hashemi)
 CCRT: Literature review and KAMC-Riyadh Experience
 CCRT: KFSH-Riyadh experience
 Peer evaluation: a tool to enhance performance
 Simulation in training
 Mentoring toward excellence
 Discussion

A Bahammam
MG Jamil
H Qutub
A Bahammam
Coffee Break
K Abdulmalek
S Baharoon
I Qushmaq
E Al-Thomali

Lunch and Prayer

Sleep Disorder and Agitation in the ICU (Chairs: K Abdulmalek, I Qushmaq)
 Sleep in the critically ill patients
 The sleep-friendly ICU
 Noise in the ICU
 Acute respiratory failure in patients with sleep disordered breathing
 Discussion
Ethics and End of Life Issues (Chairs:)
 End of Life Issue: Whom to satisfy family or patient?
 Advance directive in the ICU in the Arabic world
 Ethics in Saudi Arabia
 The top ten issues in medical ethics
 Discussion

T Alayed
M Al-Asnaj
H Abuhassan
M Pollack
M Temsah
M Naeem
Coffee Break
N Haider
L Abdulsamad
K Bshesh
A Mardini
M Al-Hothaifi
Lunch and Prayer

Ethics in PICU (Chairs:)
 End of life decision in Saudi pediatric critical care
 When to stop CPR
 Risk factor after cardiopulmonary bypass for long stay
 Parent's perspective on physician-parent communication
 Hi technology/IT in PICU
 The future era and anticipated organization and challenge
Update on Renal Failure and its Management in PICU (C
 Abdominal compartment syndrome
 Acute renal failure
 Renal replacement therapy
 Polytrauma
 Hypertensive crisis
 Discussion

Plenary session
 13:00 **E Jimenez**
 13:25 **C Gomersall**
 13:50

(Chair: **MG Jamil**)
 Telepresence in ICU: new age of collaboration
 CFR Consent for Resuscitation not DNR

Program
 14:00 **M Aldouahji**
 14:20 **S Baharoon**
 14:40 **C Gomersall**
 15:00
 15:20 **Coffee Break**
 15:40 **R Shahpori**
 16:00 **H Al-Dorzi**
 16:20 **R Shahpori**
 16:40 **M Zuberi**
 17:00 **A Al-Jabbari**
 17:20
 17:30 **Awards distribution to winners for oral presentations and posters**
 18:00 **Adjournment**

Renal Failure in the ICU and Renal Replacement Therapy (Chairs: A Al-Harbi, M Al-Sun
 New biomarkers in Acute Kidney Injury AKI
 Acute renal failure and MODS
 Prescribing antibiotics in patients receiving CRRT and choosing which
 Discussion
Information technology in the ICU (Chairs: K Maghrabi, A Alzeer)
 Information management framework: a model for clinical departme
 Computerized Physician Order Entry CPOE
 Information technology, an enabler for quality management
 Establishing a Critical Care Collaborative Information Tracking Enviro
 How information technology may enhance patient care in the ICU
 Discussion

Research Methodology (Chairs: E Jimenez, MG Jamil)
C Gomersall
Y Arabi
H Al-Dorzi
A Alshimemeri
Coffee Break
E Jimenez
A Alshimemeri
MG Jamil
Adjournment

Collaboration in ICU research and education
 Study design
 Writing manuscript
 Ethics in research
 Discussion
Crisis and Disaster Management (Chairs : M Hijazi, Y Arabi)
 ICU Microcosm within disaster medical response
 Critical care response to disaster in Saudi Arabia
 Telemedicine in disaster management
 Discussion

A Alsaiegh
S Abuznada
H Qutub
Y Arabi
S Abuznada

Adjournment

Critical Care Training (Chairs: S Al-Qahtani, A Alzeer)
 Challenges and expectations of critical care training in Saudi Arabia
 Nursing education in Saudi Arabia
 New trends in critical care training
 Critical care training: residency versus fellowship
 Challenges facing Saudi nurses
 Discussion
Pharmacology in ICU (Chairs: Y Arabi, H Qutub)
 Acute decompensating heart failure management: current and novel therapeutic approaches
 Safe prescribing of potassium in the ICU
 Pharmacodynamic and pharmacokinetics of drugs in the critically ill patient
 Discussion

H Alotaibi
H Alalem
M Azzam
G Ahmed
Y Gazal

Hematology/Oncology Diseases in PICU (Chairs:)
 Management of severe sickle cell anemia
 TRALI and blood transfusion
 Oncological emergencies in PICU
 Methemoglobinemia
 Thromboembolism in PICU
 Discussion

See you in SCCS 2011-Riyadh on 17-19 April, 2011
Preconference courses on 15 and 16 April, 2011