**Airway Management Workshop**

Airway management is the cornerstone of safe and effective intensive care. Intensivists and intensive care nurses need the latest information on airway management. The current state-of-the-art treatment in ICU airway management will be presented at the CCSSA Congress Airway Workshop.

The workshop will start with an introductory lecture on the identification of airway difficulty, and the application of drugs, algorithms and non-technical skills in airway management. Hands-on sessions, facilitated by experts in their field, will include:

1. Direct and Video Laryngoscopy
2. LMA, iGels and other supraglottic airways
3. Emergency surgical access to the airway
4. Managing a leaking ET Tube
5. Extubation and the use of High-Flow Nasal Canulæ

**Venue:** Champagne Sports Resort  
**Time:** 13:00 to 18:00  
**Cost:** R800.00  
**Who should attend this workshop?** This workshop is open to all practitioners involved in airway management including doctors and allied professionals

A MAXIMUM of 40 delegates can be accommodated

To view Airway Programme (click here)

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**Basic FATE Workshop**

**Basic FATE (Focus Assessed Transthoracic Echocardiography)**

This is a one-day course endorsed by USabcd (Ultrasound of Airway, Breathing, Circulation and Dolor) which was established by Prof Erik Sloth and his co-workers from the Aarhus University Hospital in Denmark.

FATE is the original focused echo protocol that has been practiced since 1989. It is easily and quickly learned and applicable in a multitude of clinical scenarios – including pre-operatively, peri-operatively and post-operatively, in ICUs, Emergency Departments, during resuscitation, in ambulances, and in flight. In short, it has no limitations! FATE provides quick guidance to interpret sonographic findings and to put them into clinical context.

**Workshop objective:**

The objective of this workshop is to provide the course participant with basic echocardiographic skills aimed at physicians who are not specialists in cardiology in order to guide cardiac optimisation. It teaches basic imaging views, and M-mode for cardiac dimensions and right and left ventricular function.
Pre-workshop material:
All the theory is provided according to the unique USabcd interactive e-learning concept. This includes pre-test, learning modules and post-test evaluation. The E-learning concept covers the introduction to ultrasound principles, equipment and skills, basic imaging views, M-mode, measurements of cardiac function and identifying pathological conditions. (Delegates need an average of eight (8) hours to complete the online, E-learning module in preparation for course).

The following topics will be covered or offered during the workshop (hands-on training under the supervision of echocardiography experts) in groups of four or five participants:

i. Basic cardiac views including IVC
ii. M-mode
iii. Right and left ventricular function
iv. Basic clinical scenario training
v. Pleural scanning

Who should attend this workshop? Physicians from all specialties are welcome to attend, including anaesthesiologists, intensivists, emergency care specialists, internal medicine physicians, surgeons, and general practitioners. In fact all healthcare workers dealing with haemodynamic problems of critically ill patients can attend. **No prior experience in echocardiography is required!**

Venue: Champagne Sports Resort
Time: 08:00 to 17:00
Cost: R2 500.00, including an e-module per delegate

**A MAXIMUM of 20 delegates can be accommodated**

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**ECMO Workshop**

This is a full-day ‘Introduction to Extra-corporeal Membrane Oxygenation (ECMO) Workshop’ to be held at the Critical Care Congress venue. Speakers will include some of the most experienced ECMO practitioners in South Africa, as well as international practitioners. The didactic lectures will be short and focussed, with plenty of time for discussion. Members of the trade will be involved in providing equipment and technical expertise, and the afternoon will include a ‘wetlab’ demonstration run on ‘How to deal with the different circuits’. This will be an excellent opportunity not only for interested medical staff, but also for ICU nurses and perfusionists who will eventually be involved in looking after these critically-ill patients. One of the goals of this workshop will be to evaluate what expertise is available in South Africa, and how to further develop this service.

Venue: Champagne Sports Resort
Time: 08:15 to 17:30
Cost: R1 000.00 per delegate

**Who should attend this workshop?** Intensivists, pulmonologists, cardiologists, anaesthesiologists, surgeons or any physician experienced in haemodynamic and respiratory support of complex, critically-ill patients. In addition, even senior ICU nurses and perfusionists who might be involved in the care of such patients are welcome to attend

**A MAXIMUM of 50 delegates can be accommodated**

To view Ecmo Programme (click here)
Renal Workshop

Continuous Renal Replacement Therapy (CRRT) is a highly-specialised therapy, not only for patients with AKI, but also for other patients with critical conditions in ICU. The medical intervention involved in CRRT is complex and the learning requirements are challenging to sustain ongoing competence and better care. There are also adverse effects associated with CRRT, such as those resulting from dosing requirements, setting up CRRT, choice of modality and anticoagulation therapy.

The workshop will help answer other practical issues in setting up CRRT or IHD for AKI patients in ICU. There will be a simulated treatment on a CRRT machines and troubleshooting discussions and practical application.

**Learning objectives:**
- To understand the basic concepts of CRRT
- To understand the choice of CRRT
- Hands-on session with the machine set up and troubleshooting
- To understand the prescription and delivery of CRRT

**Venue:**  
Champagne Sports Resort

**Time:**  
10:00 to 12:30

**Cost:**  
No charge per delegate, Sponsored by Adcock Ingram Critical Care

**Who should attend this workshop?** All doctors (nephrologists and critical care specialists) and allied professionals.

**A MAXIMUM of 30 delegates can be accommodated**

Ventilation Workshop

The Ventilation Workshop will be limited to only 50 participants to ensure a hands-on experience for participants. The workshop will focus on common problems faced in the ICU and aims to provide delegates with practical approaches to the management of these problems. The practical sessions will address The Desaturating Patient; The Difficult To Ventilate Patient; the often tricky issues of Weaning and Liberation from Mechanical Ventilation; and Challenges facing the critical care nurse.

The workshop will be presented by a faculty of experienced intensivists consisting of: Kuban Naidoo, Raj Gheevarghese, Lincoln Solomon, Richard Van Rahden and Sr Stephilia Tshukutoane.

**Venue:**  
Champagne Sports Resort

**Time:**  
12:00 to 16:45

**Cost:**  
R800.00 per delegate

**Who should attend this workshop?** The workshop is open to all who wish to attend, including doctors, and allied professionals (physiotherapists, dieticians, occupational therapists)

**A MAXIMUM of 30 delegates can be accommodated**

To view Ventilation Workshop Programme (click here)