



Masters of Resuscitation 2023

CONFERENCE 7, 8 & 9 SEPTEMBER 2023, WANDERERS, JHB, SOUTH AFRICA
INFO@MASTERSOFRESUS.COM WWW.MASTERSOFRESUS.COM
+27(0)64 878 6243 / +27(0)82 450 5710

Beyond the Basics – Cardiac Arrest for the Resuscitator

Course Timing: 08:00 – 17:00

The content and concepts of this one day course will be taught using a series of simulation teaching opportunities each allowing the team to use concepts from the lessons to practice thought process, decision making and dogma-lysis in the management of a patient in cardiac arrest. Much of the content presented in this course is not backed by volumes of evidence, rather the ideas and concepts presented will be tested and evaluated for use in in participant's practice. The evidence that is available will be interrogated and assessed.

This course is not for the new provider, rather for the provider who is willing and able to "think outside the box" and attack the challenges of resuscitation using the algorithms when appropriate, but also using gestalt and thought process to step out of the algorithm when needed. This course is not endorsed by the AHA or other resuscitation bodies as it represents what the future of resuscitation could look like. Come and explore the magic of the EPIC thought process and open your mind to this "off the algorithm" approach to resuscitation.

The plan for the day:

- Why BLS is vital - approach all resuscitation with the baseline of amazing CPR
 - Airway management and thoughts
 - MAP targets and A-line in resuscitation
 - ETCO2 - the golden egg in resuscitation
- Simulation session 1: The shockable rhythms – refractory to the algorithmic approach
 - DSD
 - Anti-arrhythmics both in and out of the box



Executive Committee: Kaleb Lachenicht • Maqshuda Kajee • Hugo Minnaar • Neville Vlok
Vicky Jennings • Tash Bickerton • Ilze van Eeden • Yvette Cronje • Faiyaz Buys



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- Simulation 2: The shockable rhythms - reversible causes deep dive
 - Toxidromes
 - Electrolyte abnormalities
 - Medications and reversals approach
- Simulation 3: The princess and the PEA
 - Defining the rhythm and determining the reason
 - Ultrasound in cardiac arrest approach - rapid cycle deliberate practice
 - Smarter adrenaline and other options?
- Simulation 4: The trauma cardiac arrest
 - New thoughts and approaches to managing the trauma patient HOTTR
 - Ultrasound approach reinforcement
- Simulation 5: Team leadership challenge
 - Managing the difficult team
 - Teaching on the go
 - Tools and tricks to make CPR better
 - Communication approach and practice
- The future of resuscitation in South Africa - where are we going and what can we do to improve outcomes in our spaces.



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