

UPDATES ON ESMOE

ESSENTIAL STEPS IN THE MANAGEMENT OF OBSTETRIC EMERGENCIES (ESMOE) UPDATES



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Overview

- Introduction
- Content at a glance
- Target audience
- Training & Impact
- Covid 19 –Impact & future
- Summary & conclusion



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Introduction

- Incorporated into MCG (1st time)
- There are some areas of overlap with some chapters however it still requires its special emphasis
- Aligned with our day to day activities and the findings of the Saving Mothers' reports.

Essential Steps in Managing Obstetric Emergencies (ESMOE)

- A skills-and drills program developed in 2008 to train all maternity staff in South African conditions to combat the high rate of maternal deaths.
- It aims to improve the availability and quality of care for women suffering from obstetric emergencies by building the capacity and confidence of healthcare professionals to enable them to work effectively and efficiently.
- The program has been introduced throughout all districts in South Africa by the [National Department of Health](#) and forms an integral part of healthcare providers' training.



Content-Different modules

Emphasis- practical, bedside...

Introduction to ESMOE	EOST (Emergency Obstetric Simulation Training)
Antenatal Care (BANC plus)	Hypertensive Disorders of Pregnancy incl. its complications, HIV...
	Anaesthetic ...
Intrapartum care (Respectful care, monitoring (CTG, Partographs, Complicated labour)	Shoulder dystocia and cord prolapse, Multiple pregnancies, Malpresentation...
Maternal incl. unconscious patient and Neonatal Resuscitation	Maternal Sepsis and Miscarriages
Haemorrhage (Antepartum, Intrapartum & postpartum)	Surgical Skills & other procedures (C/S, Assisted deliveries etc)



Target audience

- The program is taught to:-
 - Undergraduate students (both medical, nursing, and emergency services),
 - Interns (signed off before registration as a doctor),
 - All trainees in obstetrics and gynecology and pediatrics, and
 - All doctors involved in maternal and neonatal care.



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Training & Impact

- It is by an accredited trainer; it is registered and certified by all relevant bodies.
- It was implemented by the SAMRC Maternal and Infant Health Care Strategies unit under the leadership of Professor Bob Pattinson
- The scale-up of the ESMOE and Emergency Obstetric Simulation Training (EOST) program demonstrated a 25% reduction in maternal mortality before and after its implementation in 12 districts in South Africa, and
- Its positive impact is continuously observed as outlined in the saving mothers' triennial reports by the National Committee on Confidential Enquiries into Maternal Deaths (NCCEMD)



Covid 19 impact and the future ...

- The Covid 19 pandemic has significantly affected our day-to-day activities, and academic training is no exception.
- Therefore, **the NDOH** in collaboration with the different stakeholders embarked on new technological platforms whereby ESMOE and EOST programs can still be available to the health care workers nationwide.



... In this initiative,

- An online lecture course is being developed, followed by an on-site skills training session for master trainers.
- The idea is that the online course will be completed and a test passed before going to a skills course to be run in centers throughout the country to be nearby the participants.
- The skills course will involve a competency test at the end, and the candidate, if successful, will be given a competency certificate.
- The skills and protocols will be cascaded down by the EOSt exercises at the facilities.



*Sustainability...

- ESMOE has been hamstrung by lack of funding, and
- This model should be considerably less expensive, more sustainable, and easily supportable.
- This initiative will be under the leadership of both technical and advisory teams composed of experts and stakeholders in maternal and child health- **NDOH**





- Several stakeholders in maternal and child health have been invited to join the ESMOE board.
- Its main objectives will focus on the training, monitoring ,evaluation, sustainability and quality assurance of the ESMOE and EOST program or any future related programs incl. refresher courses.

Accessibility

- All relevant information will be obtainable from the **NDOH** knowledge hub



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Conclusion

- The positive impact of ESMOE on maternal outcomes need to be appreciated by all.
- There's a need to ensure ESMOE (including anaesthetic ESMOE) training for all new staff and updates for existing staff.

I Thank you all!

