

Course



Marlice van Dyk

Anaesthetist & Intensivist

I completed my undergraduate studies at the University of the Free State in 1992 and my post-graduate studies as Anaesthetist at the University of the Witwatersrand before completing the Fellowship in Critical care in 2000 at the College of Medicine. I hold a Diploma in Clinical Ultrasound from the University of Melbourne AND have been involved in ECLS delivery since 2012. I am the Director of the Netcare Unitas ECMO Centre.

I have been the South African County Representative on the SWAAC ELSO Steering Committee and am the current President Elect for the SWAAC ELSO Chapter.

Course



Norbert Welkovic

General Surgeon & Intensivist

I completed my undergraduate studies in 1992 and my post-graduate studies as General Surgeon in 2002 at the University of Pretoria, obtaining the College Medal for Surgery before completing the Fellowship in Critical Care in 2005 at the College of Medicine. I qualified as ECMO provider in 2015 in Houston and since then have been involved with ECLS delivery as Co-Director for the Netcare Unitas ECMO Centre and as a trainer in the ECMO provider and cannulation courses. I attended various international training courses and simulations since then.

I am currently part of the Standing Committee on Registry and Protocol for SWAAC ELSO.

Course Director



Theo de Klerk

Specialist Physician & Intensivist

I completed my undergraduate studies in 2005 and my post-graduate studies as Specialist Physician at the University of Pretoria in 2013 before completing the Fellowship in Critical Care in 2015 at the College of Medicine. In addition, I hold the European Diploma in Critical Care obtained in 2019. I qualified as ECMO provider in 2021.

I have been involved with ECLS delivery at the Netcare Unitas ECMO Center since then and took part in ECMO Provider training since 2021. I attended various international training courses in ECLS delivery since then.



Hugo Minnaar

Critical Care Technologist

I qualified as a Critical Care Technologist in 2001 and have since expanded my expertise with an MSc in Clinical Ultrasound. I am also an internationally registered Critical Care Paramedic. Over the years, I have developed a strong focus on education, teaching courses in ACLS, ACLS-EP, PALS, ITLS, and POCUS.

My involvement with ECMO spans more than a decade, beginning with ECMO transport in 2014 and continuing into clinical practice and training. I remain passionate about advancing critical care through hands-on training, innovation, and interdisciplinary collaboration.

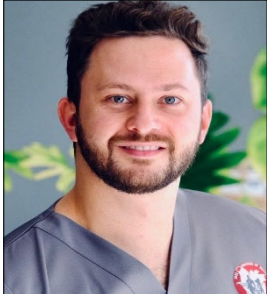


Henli Faber

Cardio-Vascular Perfusionist

I qualified as a Cardiovascular Perfusionist at the Tshwane University of Technology in 2019 when I became part of the ECMO team at Netcare Unitas Hospital. I became an ECMO Specialist, trained in Autologous blood transfusion, Cardiopulmonary bypass and Intra-Aortic Balloon pump management.

Working in the team for more than 7 years my passion in doing ECMO and ECMO-training is clear. Teaching and assisting others to make a difference in patient's lives is something I am also passionate about. I spend time in research and equipping myself and others with new information and updating my skills.



Dr Neville Vlok

Specialist Emergency Physician

I am passionate South African specialist emergency physician with strong clinical and research interests in pre-hospital care, critical care retrieval, aeromedicine and resuscitative applications of extracorporeal life support.

I obtained both his MPhil and MMed degrees from the University of Cape Town, and currently heads up a private emergency department in Pretoria, South Africa."



Martin Ellis

Critical Care Retrieval & HEMS ECP, Medical Student

I hold a four-year Bachelor's degree with Honours in Emergency Medical Care and am a registered Emergency Care Practitioner. I have two years of operational experience post-graduation, where I developed a strong passion for critical care medicine, ECMO retrieval, and teaching others about the principles that underpin high-quality patient care. I have completed multiple ECMO training courses, including the ECMO Specialist Provider and Cannulation Course.

I am currently a second-year medical student at the University of the Free State (UFS) and am deeply committed to advancing ECMO systems and critical care through both learning from and teaching others.

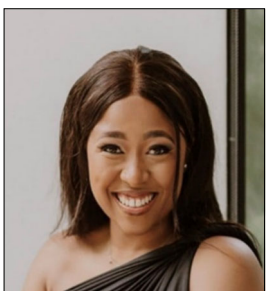


Kedibone Moloto

Registered ICU and Oncology Nurse, ECMO Co-ordinator

I qualified as a registered nurse after qualifying at the Mpumalanga Nursing college in 2001, obtaining first a BTech in Oncology and Nursing in 2015 at the Tshwane University of Technology before completing my Diploma in Critical Care at the Netcare College in 2018

I started working in Oncology and Medical ICU as a clinical Nurse Specialist in 2001 and am currently working in Netcare Unitas and form part of the provider network in the Netcare Unitas ECMO unit, functioning as the ECMO coordinator and bedside ECMO specialist



Regomoditswe Olerato Legodu

Clinical Physiotherapist

I qualified with a BSc Physiotherapy in 2018 from the University of Cape Town. Since then, I have dug my feet deeper into the world of Pelvic Health, Transplant, Paediatrics, Oncology, Cardio-thoracic / Respiratory and General ICU cases.

I have worked across most private hospitals in Gauteng from Wits Donald Gordon Hospital to Life Wlgers and Netcare Pretoria East and made Netcare Unitas my primary place of work. Now under the guidance and support of Dr van Dyk and Nordika Nel - Tardin Physiotherapy, I have gained an immense sense of interest in treating and educating others on ECMO and role that physiotherapists play.



Liezl Thompson Jooste

Cardiovascular Perfusionist

I am a Clinical Technologist in Perfusion with almost 20 years of experience in cardiothoracic surgery, including the supervision of both adult and paediatric cases. I hold a B.Sc. Honours degree in Cardiac Physiology from North-West University. While working full-time as a perfusionist at Universitas Tertiary Hospital, I completed my Master's degree, focusing on cardiac flow dynamics assessed through echocardiography and pulse duplication.

For more than 20 years, I have been actively involved in both the theoretical and clinical training of perfusion students. In recent years, I have led the establishment and optimisation of perfusion and ECMO services across multiple centres. I am currently back in private practice and serve as a clinical consultant for RCA in relation to the Lifemotion ECMO platform