



Symposium
Intensivmedizin + Intensivpflege

2023

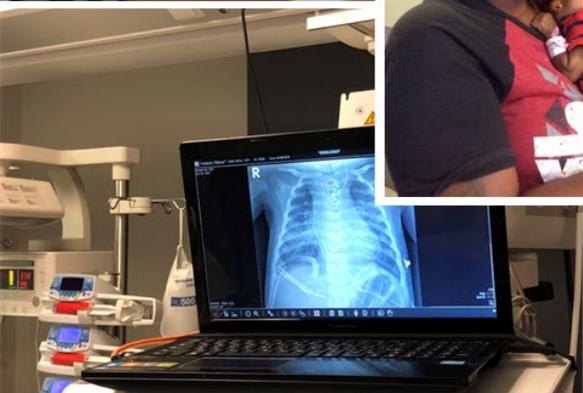
15.–17. Februar

Messe und Congress Centrum Bremen



6TH

INTERNATIONAL MEDICAL CLASS GLOBAL CRITICAL CARE



photos: robinaid

within the

33rd Symposium on Intensive Care Medicine + Nursing

February 15 – 17 • 2023 • live streaming on zoom

Bremen • Exhibition + Conference Centre

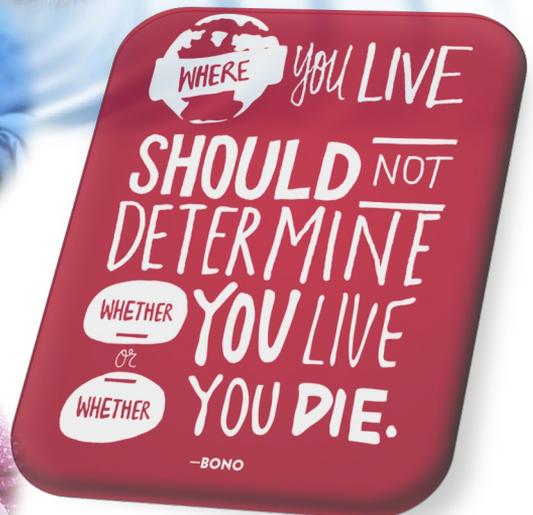
Critical care is a global task

equality

in health and social care
is a
human right

all
human beings
are born
in

dignity



Welcome

We are highly appreciated to welcome you at the

6th International Medical Class Global Critical Care

within

the **33rd Symposium on Intensive Care Medicine + Nursing.**

By taking a global view on critical care, we want to build bridges between different "medical" worlds, ours in Germany and those in underprivileged countries. Latest COVID has taught us that no one is safe until everyone is safe; challenges to healthcare systems, medical research, and the supply of high potential drugs of this magnitude can be met only through international collaboration.

For the first time, we perform our International Medical Class as a scientific joint event between **ROBINAID** Academy, the Aswan Heart Centre, and the Cameroon Association of Critical Care Nurses (CACCN).

Furthermore, all our session can be followed in a live streaming on zoom.



We are grateful that we were able to establish our satellite symposium successfully as an important part of the annual Bremen Symposium on Intensive Care Medicine + Nursing in recent years; it belongs to the largest medical congresses in Germany dealing with topics in anaesthesia, intensive care as well as emergency care. More than 4,500 participants are coming to Bremen each year. During the symposium, approximately 180 scientific sessions and workshops are being performed and up to 200 exhibitors present their products.

Once again, we warmly welcome health professionals from different countries and continents coming together to work on current topics in the field of critical care, sharing personal experiences, interacting in a respectful manner with all their differences, and building up trusting relationships. Together, we can provide a shining example of international understanding and cooperation by following the same vision:

building bridges with medicine.

Program overview

Wednesday • February 15

- **08:00 h** • Start + join the Symposium
- **14:00 - 16:00 h** • IMC • Group room 3 • Session 1
A slightly special topic • Nothing remains as it once was, but each crisis hosts an opportunity.
- **16:45 - 18:45 h** • IMC • Group room 3 • Session 2
How can such disasters be coped • Pandemics and epidemics in structurally weak countries and less developed healthcare systems.

Thursday • February 16

- **08:00 h** • Start + join the Symposium
- **14:00 - 16:00 h** • IMC • Group room 3 • Session 3
Critical care is a global task (I) • Demands and solution concepts to improve critical care services in resource-limited countries.
- **16:45 - 18:45 h** • IMC • Group room 3 • Session 4
Satisfied and excellent employees are the key to success • Modern and attractive capacity building strategies of human resources in critical care services.

Friday • February 17

- **08:00 h** • Start + join the Symposium
- **12:00 - 14:00 h** • IMC • Group room 3 • Session 5
Critical care is a global task (II) • Demands and solution concepts to improve critical care services in resource-limited countries.
- **14:15 - 16:00 h** • IMC • Group room 3 • Session 6
Finally, back to the roots of our International Medical Class • Important topics in paediatric emergency and critical care medicine.

Session 1 • February 15 • 14:00 - 16:00 h

Welcome addresses + opening

Matthias Angrés (ROBIN AID, Hamburg, DE)

Emad Nasr (Aswan Heart Centre, Aswan, EG)

Daniel Ntogwiachu (CACCN, Doula, CM) • online connected •

Greeting of our patron Antje Grotheer

Vice President of the Bremen State Parliament (Bremen, DE)

A slightly special topic:

Nothing remains as it once was, but each crisis hosts an opportunity.

Session chairs

Kevin Pilarczyk (Arnsberg, DE)

Matthias Angrés (Hamburg, DE)

In which direction we are moving?

Global crises on the scale of the COVID-19 pandemic or the terrible war we are facing right now in the heart of Europe can reorder societal life in dramatic ways.

Matthias Angrés (Hamburg, DE)

What are the political and socio-economic risks and opportunities of global crises?

There are two options, rise of nationalism, isolationism, and protectionism or growth of a new and strong solidarity between the international community.

Stefan Buchen (Hamburg, DE)

Equity of access to health care – when time will come to turn vision into reality?

The right to health is an inclusive right of every human being, extending not only to timely and appropriate health care, but also to the underlying determinants of health including adequate supply of safe water, nutrition, and housing.

Michael Knipper (Gießen, DE)

• online connected •

Session 2 • February 15 • 16:45 - 18:45 h

How such disasters can be coped:

Pandemics and epidemics in structurally weak countries and less developed healthcare systems.

Session chairs

Matthias Angrés (Hamburg, DE)

Kevin Pilarczyk (Arnsberg, DE)

A country weakened by decades of war and bad governance – challenges to handle a pandemic like COVID-19 in Afghanistan.

Taibullah Bandawal (Balingen, DE)

Respiratory support in Sub Saharan African hospitals – oxygen and respiratory therapies are essential to save lives, but for that oxygen and ventilators must be available.

Daniel Ntogwiachu (Douala, CM)

- online connected •

We successfully fought the Ebola epidemic in Liberia from 2014 to 2016 – that's how we got the virus under control and that's what we learned for future outbreaks.

Jerry Brown (Monrovia, LR)

- online connected •
-

Session 3 • February 16 • 14:00 - 16:00 h

Critical care is a global task (I):

Demands and solution concepts to improve critical care services in resource-limited countries.

Session chairs

Matthias Angrés (Hamburg, DE)

Daniel Ntogwiachu (Douala, CM) • online connected •

We need to train the local staff according to the specific situation – concept and implementation of a comprehensive training program in Emergency Critical Care (ECC) in Cameroon.

Kevin Pilarczyk (Arnsberg, DE)

We need to ensure a fair market access to high quality medical technology – the project “PV1000 - The People's Ventilator”, developed in Aachen for use in poor and less developed countries.

Steffen Leonhardt (Aachen, DE)

We need to setup local solutions – vision, concept, and strategy of the ‘Heart of Cameroon Foundation’ to overcome the poor access to open heart surgery and promote educational and academic programs within the medical communities in Cameroon.

Charles Mve Mvondo (Yaoundé, CM)

• online connected •

Session 4 • February 16 • 16:45 - 18:45 h

Satisfied and excellent employees are the key to success:

Modern and attractive capacity building strategies of human resources in critical care services.

Session chairs

Emad Nasr (Aswan, EG)

Matthias Angrés (Hamburg, DE)

Continuous learning and quality improvement – the concept of an e-learning platform in cardiac critical care nursing at the Magdi Yacoub Aswan Heart Centre in the South of Egypt.

Saber Mostafa (Aswan, EG)

How we can make a difference in our leadership approach – our nursing strategic objectives at the Magdi Yacoub Aswan Heart Centre in the South of Egypt.

Mahmoud Abdelhay (Aswan, EG)

Going forward by dialogue and supervision – lessons we can learn from the aviation sector to identify critically stress situations to avoid medical errors, to improve patient safety, and to reduce the staff workload.

Marion Bakalov (Frankfurt, DE)

- online connected •
-

Session 5 • February 17 • 12:00 - 14:00 h

Critical care is a global task (II):

Demands and solution concepts to improve critical care services in resource-limited countries.

Session chairs

Kevin Pilarczyk (Arnsberg, DE)

Mahmoud Abdelhay (Aswan, EG)

Improving knowledge and skills on site - development of paediatric cardiology training and clinical programs at the University of Rwanda.

David Bradley (Ann Arbor, US / Kigali, RW)

- online connected •

A conceptual prospect - development of the Department of Perioperative Medicine at the new Magdi Yacoub Rwanda Heart Centre in Kigali.

Matthias Angrés (Hamburg, DE)

Improving safety in anesthesia – challenges and solutions to building and retaining the anesthesia workforce in Cameroon.

Elvis Dzelamunyuy (Bamenda, CM)

- online connected •
-

Session 6 • February 17 • 14:15 - 16:00 h

Finally, back to the roots of our International Medical Class:

Important topics in paediatric emergency and critical care medicine.

Session chairs

Matthias Angrés (Hamburg, DE)

Frank Jochum (Berlin, DE)

Time is life – early recognition of the critically ill child.

Michael Sasse (Hanover, DE)

Special aspects of COVID-19 infection in newborns and infants - what we know so far and how we can prevent outbreaks in our neonatal and paediatric critical care units.

Frank Jochum (Berlin, DE)

ECMO in Children – let's talk about the basics.

Emad Nasr (Aswan, EG)

Closing ceremony

Summary

Kevin Pilarczyk (Arnsberg, DE)

A look ahead + farewell addresses

Werner Kuckelt (Symposium on Intensive Care Medicine + Nursing, Bremen, DE)

Emad Nasr (Aswan Heart Centre, Aswan, EG)

Daniel Ntogwiachu (CACCN, Douala, CM) • online connected •

Matthias Angrés (ROBINAID, Hamburg, DE)

Session Chairs • Speakers

Mahmoud Abdelhay

Aswan Heart Centre
Aswan / Egypt

Dr. med. Matthias Angrés

ROBINAID Foundation
Hamburg / Germany

Mario Bakalov

A 380 Pilot
Frankfurt / Germany

Taibullah Bandawal MD

Paediatrican
Balingen / Germany

Prof. Dr. David Bradley

CS Mott Children's Hospital University of
Michigan
Ann Arbor / United States
a.p. University of Rwanda Kigali / Rwanda

Jerry Brown MD

ELWA Hospital
Monrovia / Liberia

Stefan Buchen

North German Broadcasting
Corporation
Hamburg / Germany

Elvis Dzelamunyuy

Cameroon Association of Critical Care
Nurses Bamenda / Cameroon

Antje Grotheer

Bremen State Parliament
Bremen / Germany

PD Dr. med. Frank Jochum

Protestant Hospital Spandau
Berlin / Germany

Prof. Dr. med. Michael Knipper

Institute of History of Medicine
Justus Liebig University
Gießen / Germany

Prof. Dr. med. Werner Kuckelt

Symp Intensive Care Medicine + Nursing
Bremen / Germany

Prof. Dr. Ing. Dr. med. Dr. h. c.

Steffen Leonhardt

Helmholtz Institute for Biomedical
Engineering RWTH Aachen University
Aachen / Germany

Saber Mostafa

Magdi Yacoub Aswan Heart Centre;
Aswan / Egypt

Charles Mve Mvondo MD

Heart of Cameroon Foundation
Yaoundé / Cameroon

Emad Nasr, MD

Magdi Yacoub Aswan Heart Centre;
Aswan / Egypt

Daniel Ntogwiachu

Cameroon Association of Critical Care
Nurses Douala / Cameroon

Dr. med. Kevin Pilarczyk MHBA

Hochsauerland Hospital
Arnsberg / Germany

Dr. med. Michael Sasse

Hanover Medical School
Hanover / Germany

ROBINAID foundation

ROBINAID is a medical expert organization implementing critical care services at highest quality standards in disadvantaged countries, mainly focused on the African continent. We are active in the perioperative care of congenital and acquired heart diseases in the most vulnerable age groups, particularly the children; furthermore, we stand up to generally enhance the care, monitoring, and therapeutic interventions to patients with life-threatening conditions in and beyond intensive care unit settings.

To achieve the best possible outcome in realizing lasting improvements for our partnered hospitals and institutions on site, we pursue a strategy of three focus areas: assistance in clinical treatment, capacity building of staff, as well as access to medications, consumables, and equipment; these are the essential components to adequately meet the high demands of caring for severely ill people.

Cardiac Critical Care

Emergency Critical Care

Committed in a complex and specialized medical field, **ROBINAID** collaborates with like-minded organizations and institutions in long-term alliances based on shared ethical values, identical principles, and complementary goals.

In the subject area of 'Cardiac Critical Care', we have partnered with the renowned MAGDI YACOUB HEART FOUNDATION who is running the MY Aswan Heart Centre in the South of Egypt. This outstanding institution acts as a joint operational base and teaching centre as well as a role model in our common engagement of extending best cardiac services to Sub-Saharan African countries, first to Rwanda (MY Rwanda Heart Centre) and second to Cameroon (Heart of Cameroon Foundation).

In the discipline of 'Emergency Critical Care', we are in close partnership with the Cameroon Association of Critical Care Nurses, the Cameroon Baptist Convention Health Services, and the Experimental Higher Institute of Science and Technology (University of Bamenda). Together, we set up a workable and effective model project of emergency and critical care services adapted to the requirements of the specific conditions in Cameroon.

Following our conviction that health care must be accessible to the same extent for all people without any form of discrimination, basically our services are at no cost; as an independent charitable foundation, **ROBINAID** is not linked to any commercial interests.

Aswan Heart Centre

The MAGDI YACOUB Aswan Heart Centre (AHC) in the South of Egypt combats congenital and acquired heart diseases at the highest quality level and provides basically free treatment for all patients. Based on this philosophy, it represents a unique lighthouse project in the humanitarian commitment improving life chances of thousands of underprivileged people in Egypt and entire Africa.

The AHC is an exceptional hospital founded in 2009 by Prof. Sir Magdi Yacoub who belongs to the world's most respected cardiac surgeons, scientists, and medical teachers; the centre is operated by the MAGDI YACOUB HEART FOUNDATION, an Egyptian registered charity, and is entirely based on donations. About 1,200 complex heart surgeries (more than 60% in infants and children) and 2,800 interventional procedures are performed annually; 20% of the surgical activities are devoted to rheumatic heart disease.

600 dedicated staff members including 100 doctors and 270 nurses are contributing to the high reputation of the AHC; it has 41 intensive care beds, 50 ward beds, two operating theatres, two catheter suites, 9 outpatient exam rooms (consultation of about 25,000 patients / year), and a state-of-the-art imaging center including CT- and MRI-scanner. In 2016, a fully operational research building was inaugurated.



Newborns with transposition of the great arteries, one of the most critical cyanotic congenital heart disease in the neonatal period, from all over Egypt are fast-tracked to Aswan and about 120 arterial switch operations are done each year; there is no other institution in the world treating a higher number of this disease which requires a demanding management from side of the surgery as well as from the critical care; it exemplarily testifies the outstanding performance the AHC has gained.

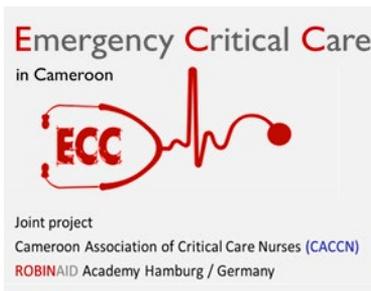
Cameroon Association of Critical Care Nurses

The Cameroon Association of Critical Care Nurses (CACCN) represents the only formally registered critical care specialist organization in Cameroon and involves the entire spectrum of medical professionals who are committed to improve the care of critically ill patients of all age groups in the country. They are affiliated to the World Federation of Critical Care Nurses, also they are founding member of the African Federation of Critical Care Nurses as well as the African Sepsis Alliance.

Where there are no physicians qualified as intensivists, nurses play a crucial role in ensuring the care of seriously ill patients in Cameroonian hospitals; the entire healthcare system in the country depends largely on nurses who are mostly not highly trained but often challenged to perform complex tasks beyond their scope because there are no other professionals available.

Facing the urgent need to fundamentally improve this situation, CACCN and **ROBINAID** work in developing the concept of Emergency Critical Care (ECC) covering the demanding requirements of the acute care for patients in critical condition. Key points are training of

100 registered nurses and setting up of five 6-bed emergency critical care units at hospitals of the Cameroon Baptist Convention Health Services by providing equipment, consumables, and medications. Giving mentorship support in running these units for five years complete this important project.



Together, we are a strong community

EGYPT • CAMEROON • RWANDA

MY Aswan Heart Centre
MAGDI YACOUB
HEART FOUNDATION

MY Rwanda Heart Centre
HEART CARE & RESEARCH
FOUNDATION RWANDA

Cameroon Heart Project
HEART OF CAMEROON
FOUNDATION

Cameroon Association of
Critical Care Nurses
(CACCN)

Cameroon Baptist Convention
Health Service
(CBCHS)

Experimental Higher Institute
of Science + Technology
(University of Bamenda)





ROBIN AID

foundation

CARING FOR LIVES
IN UNDERPRIVILEGED REGIONS