



CCAT
AEROMEDICAL TRAINING



Critical Care Patient Transport (CCPT)

Cardiorespiratory Module • November 2026

The Concept of Retrieval Medicine in the UK by Dr Terry Martin

“The right patient, at the right time, by the right team, with the right equipment, after the right preparation.”

Hybrid Course (Online & On-site) for Doctors, Emergency Physicians, Nurses and Paramedics

Program at a Glance



ONLINE ZOOM

7 & 14 November 2026
17:00 – 20:30 ICT

Applied physics and
transport physiology.



ONSITE BANGKOK

16 – 18 November 2026
Chula Simulation Center, King
Chulalongkorn Memorial Hospital

Immersive, hands-on
scenario training.



ACCREDITATION

CME credits awarded.
Official Certificate on
completion.

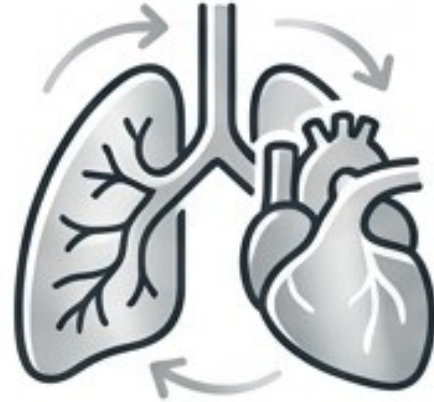
Mastering High-Altitude Critical Care

1. Flight Physics & Logistics



- Biodynamics & motion sickness
- Modes of patient transport
- Clinical decision-making in the air

2. Advanced Physiology



- Oxygen en route & hypoxia
- Macro & microcirculation
- Heart-lung interaction & ARDS

3. High-Tech Interventions



- VA-ECMO & IABP transport
- Advanced IPP ventilation
- ICU equipment adaptation

4. Scenario-Based Leadership



- Risk matrix execution
- Lifting & loading protocols
- Resolving practical transport crises

A Purpose-Built Hybrid Architecture

The Learning Modality Matrix

Phase I - The Online Foundation



Format: Live via Zoom

Commitment: Nov 7 & 14
(Evening Sessions: 17:00 – 20:30 ICT)

Focus: Physiology revision, atmospheric physics, and theoretical frameworks.

Advantage: Minimal disruption to clinical shifts.

Phase II - The Onsite Simulation



Format: Immersive Hands-On
(Chula Simulation Center, Bangkok)

Commitment: Nov 16 – 18
(Full Days: 07:30 – 17:00)

Focus: ECMO transport, IABP, clinical decision-making workshops, and live scenarios.

Advantage: Elite, tactile competency assessment.

The Sim-to-Transport Pipeline

Proving Ground:
Chula Simulation Center

Preparation & Packaging

Optimizing lifting, loading, and securing the patient.

Rigorous pre-transport assessment.



Invasive Interventions

Managing IABP, Arterial lines, Central lines, and Cardiac Pacing in transit.

Ventilator troubleshooting and alarm management.



The Ultimate Scenario

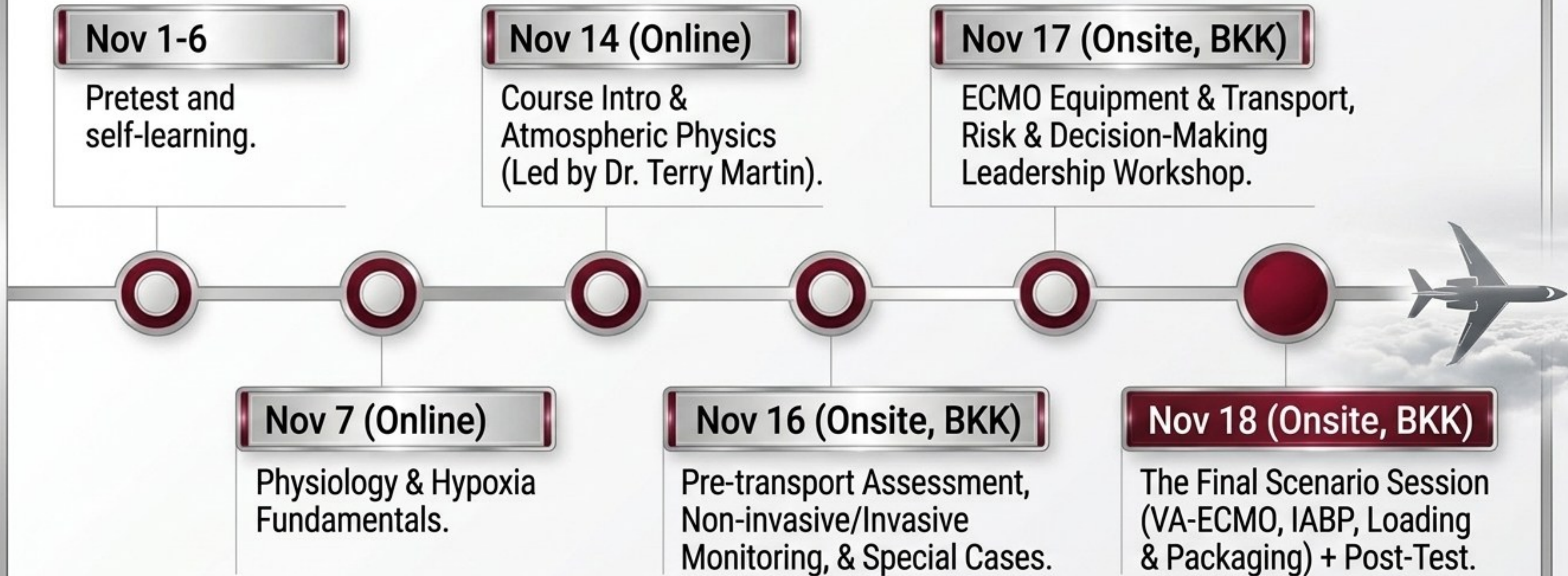
Full-scale intra-hospital to ambulance transport simulation featuring active VA-ECMO and High-flow ventilation.



16th -18th November 2026 (onsite)

**Chula Simulation Center, 16th Fl., Sor Thor Building
King Chulalongkorn Memorial Hospital : Bangkok Thailand**

The 2026 Course Flight Path



Directed by Global & Regional Experts



Dr. Terry Martin

Course Director, CCAT Aeromedical Training

MSC, DAVMED, DIPRTMED, FIMC, FCARCSI,
FRCS, FRCA, FFICM, FRAES

Dr. Varalee Aphinives

Prehospital Emergency Local course coordinator

Dr. Sithichai Veerananchai

Emergency&Flight Physician Local course coordinator

The Clinical Network

Dr. Nickjaree
Songsangvorn

Dr. Peraphol
Prateepamonkul

Dr. Morakote
Wongkumchang

Dr. Theethawat
Sathirarat

Dr. Komsanti
Vongkulbhisal

Dr. Thavinee
Trainarongsakul

Dr. Parinya
Tianwibool

Guest Specialist
Dr. Chayanat Sirinavin
Cardiothoracic Surgeon
(King Chulalongkorn Memorial Hospital)

Dr. Yaowapha
Siripakarn

Dr. Welawat
Tienpratarn

Uniting Emergency, Prehospital, and Critical Care Expertise Across Leading Institutions in Thailand

Secure Your Seat on the Flight

Investment: 20,000 THB

(Includes CME credits and Certificate of Completion)

**STRICTLY LIMITED TO:
40 SEATS**

Registration Closes:
15 October 2026

Register & Enquiries: K. Opor

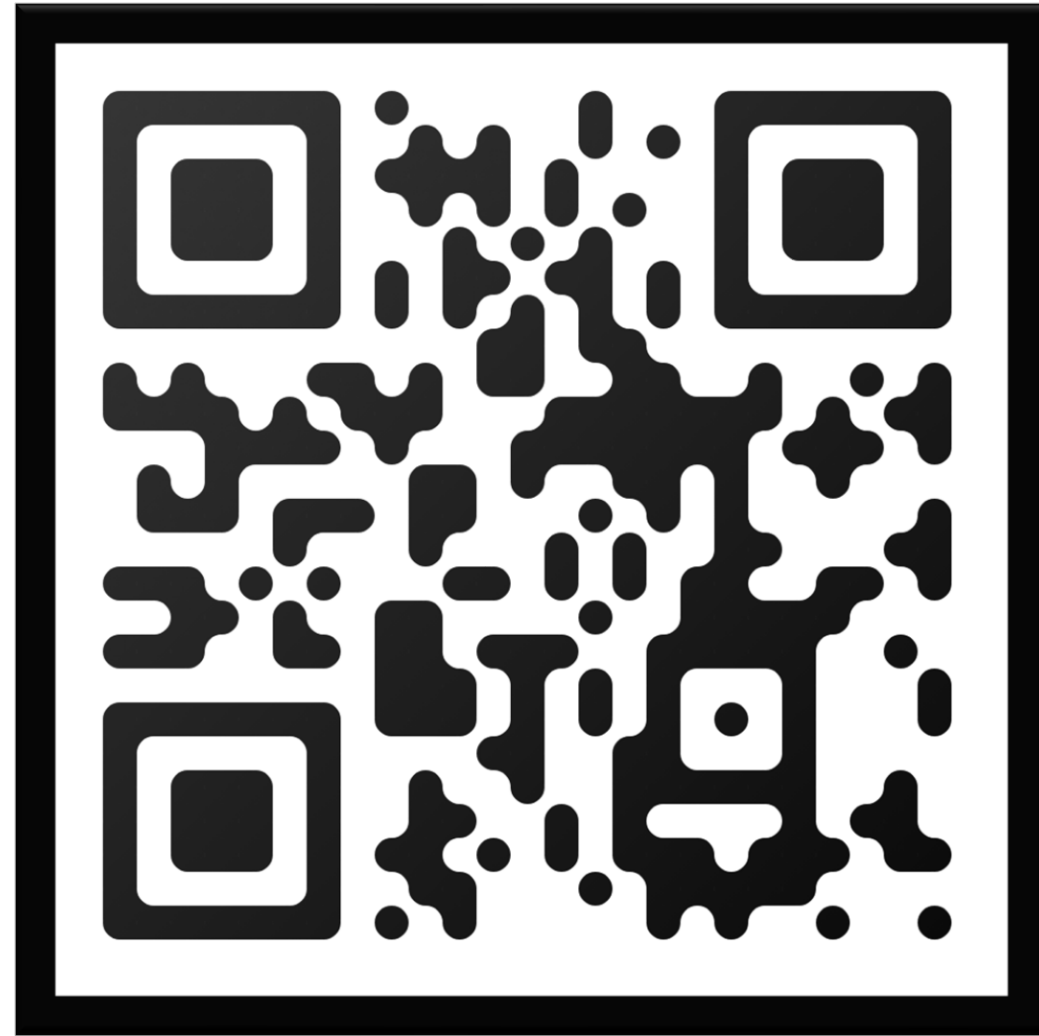
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Email: temspa2022@gmail.com



For Doctors, Emergency Physicians, Nurses, and Paramedics.

Your Next Step Starts Here for CCPT Course November 2026



Scan the QR Code
Register now : Limited 40 seats