

Digital Dossier
IncEMentuM



Incr**EM**entu**M**

Conference 2025

*More than an Emergency
Medicine Conference*

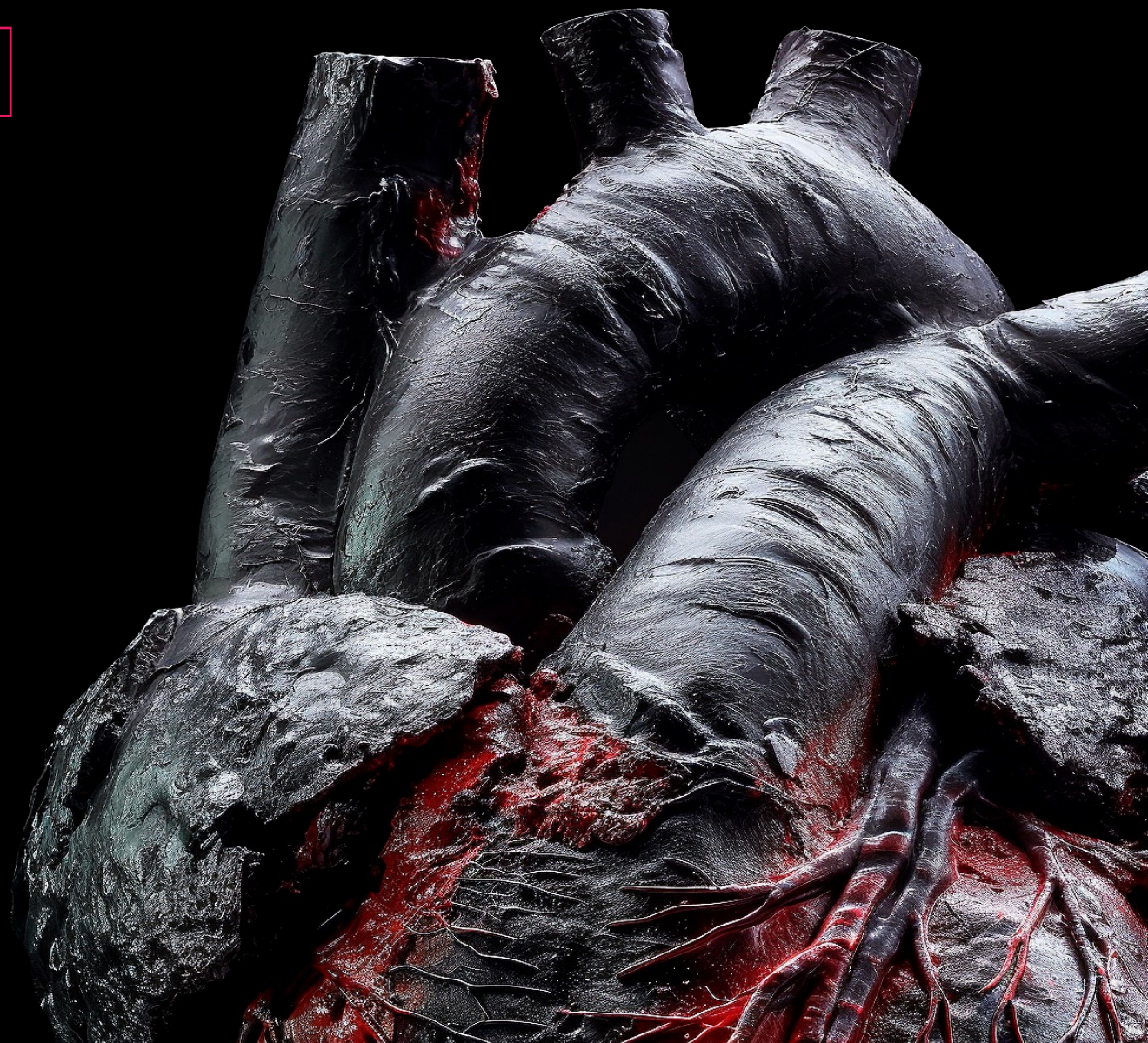
March 12 - 14
2025

Pre-conference course
March 11, 2025

INTRODUCING INCREMENTUM

We are pleased to be able to present through this, the incrEMentuM conference, which will take place next year, 2025, in the city of Murcia (Spain), from March 12th to 14th , 2025.

If there is one word that defines the driving force behind this project, it is without a doubt... GROWTH. GROW as people, GROW as professionals, GROW as a team, GROW as specialists.



Spanish emergency medicine is at a crucial turning point ever, since the announcement made on September 8th, 2023, establishing the title of Emergency Physician.

After decades of struggle the recognition of emergency medicine specialty in Spain is becoming a reality.

From here, as professionals, we must face the challenge of maintaining the prominent position we occupy within the Health System and continue to contribute significantly to improving health outcomes.





Emergency Global System is a Spanish company focused on training in emergency medicine, which seeks to combine professional excellence and the most disruptive education. Create high impact education, in a fun way, that is our goal.

All growth involves breaking barriers, challenging comfort zones acquiring new skills, knowledge and experience as well as exploring new territories.

It is at this point where this restless, non-conformist spirit, passionate about excellence, pushes Emergency Global System to move towards growth through best evidence and with the most appropriate means for our specialization.

Characterized by training with impact, Emergency Global System seeks, once again, to provide answers and, above all, to generate questions.

We have designed a scientific program with three intense days of conference, to learn about the hottest topics and the latest updates in emergency medicine.

The day before the conference, we will have two complementary workshops, facilitated by Haney Mallema, Ryan Ernst and Sara Crager, reference in the management of critical patients, resuscitation, and emergency medicine mindset. These will be an extensive experience in training and dissemination of knowledge. Resus X Spain and Black cloud workshop will be able to enjoy at preconference courses on March 11th .

Our goal with this conference, is to motivate change in the way we learn and the way we teach, and to do so at an unprecedented moment in our training as specialists.

We intend to create a meeting full of knowledge and experiences, where passion for emergencies and the path to excellence will strengthen the bonds between professionals.





We invite you to experience and make the most of this opportunity.

It's time for emergencies...

Are you ready?



STUDY PROGRAM

IncrEMemtuM Conference seeks not only to provide high quality emergency medicine knowledge, but also to transmit this knowledge in a way that is attractive to the professional. Breaking the dogmas of traditional teaching, often proposed in medical conferences.

For this purpose, we have excellent and internationally recognized professionals in the field of emergencies who are also great communicators and expert educators in disruptive teaching.

This is the spirit of IncrEMemtuM Conference: to show that evidence, fun and passion can coexist in the same sentence.

The structure of
IncrEMentum Conference,
is constituted as follows:

	DÍA 1	DÍA 2	DÍA 3
8:30-9:00	OPENING		
9:00-9:15	TALK	TALK	TALK
9:20-9:35	TALK	TALK	TALK
9:40-9:55	TALK	TALK	TALK
10:00-10:10	QUESTION TIME	QUESTION TIME	QUESTION TIME
10:10-10:40	BREAK	BREAK	BREAK
10:40-10:55	TALK	TALK	TALK
11:00-11:15	TALK	TALK	TALK
11:20-11:35	TALK	TALK	TALK
11:40-11:50	QUESTION TIME	QUESTION TIME	QUESTION TIME
11:50-12:20	BREAK	BREAK	BREAK
12:20-13:00	SIMULATION TALK	SIMULATION TALK	SIMULATION TALK
13:00-15:00	LUNCH	LUNCH	LUNCH
15:00-15:15	TALK	TALK	TALK
15:20-15:35	TALK	TALK	TALK
15:40-15:55	TALK	TALK	TALK
16:00-16:10	QUESTION TIME	QUESTION TIME	QUESTION TIME
16:10-16:30	BREAK	BREAK	BREAK
16:30-17:10	SIMULATION TALK	SIMULATION TALK	SIMULATION TALK

Therefore, the structure is distributed as follows :

1 _____

Presentation:

Introductory talk on the first day of the conference where the event will begin.

2 _____

Talks:

Each speaker will talk about a topic in emergencies, with a maximum duration of 15 minutes.

3 _____

Questions:

After each block of three 15 minutes talks, the three speakers who have participated will return to the stage and for another 10 minutes when the audience will be able to ask questions to them.

4 _____

Simulation talks:

Each speaker will perform a specific technique from the emergency field (thoracotomy, REBOA, resuscitative cesarean section, transesophageal ultrasound) on a non-living phantom, in a time of no more than 40 minutes.

5 _____

Break:

There will be lunch in the morning and a short coffee/snack break in the afternoon. Estimated time is between 20 and 30 minutes.

6 _____

Lunch:

It will be held at the Victor Villegas Auditorium with a duration of 2 hours.

7 _____

End of conference:

Closing of the conference and event.



Scientific program:

The scientific program at the IncrEMentuM Conference will focus on what are known as "hot topics" in the current field of emergency medicine.

These lectures will not only focus on an excellent theoretical and technical part, but will also use a dynamic methodology in terms of education, in a short lecture format, ending with pearls and pitfalls, to reinforce knowledge.

The language of the conference is English, but it will be simultaneously translated into Spanish through a system of translators specialized in the field of emergencies.

"Hot topics":

Emergent airway, severe trauma patient, coagulopathy in trauma, endocrinologic emergencies, myths in emergencies, intoxicated patient, cardiovascular emergencies, the wonderful world of emergent electrocardiogram, transthoracic and transesophageal ultrasound, vasoactive amines a new vision, death spiral in lung embolism, critical thinking and skepticism in emergencies, education in emergencies, ketamine continuum, echo-guided blocks, cardiorespiratory arrest, aortic syndrome, emergent monitoring...

techniques:

Thoracotomy, REBOA, perimortem cesarean section, transesophageal ultrasound.



The structure of IncrEMentuM Conference

	DAY 1	DAY 2	DAY 3
8:30-9:00	OPENING		
9:00-9:15	Haney Mallemat: Myths in use of sodium bicarbonate	Tarlan Hedayati: Adaptive or unstable atrial fibrillation	Salim Rezaie: Vector change/Double sequence of defibrillation
9:20-9:35	George Willis: Pearls and pitfalls in diabetic ketoacidosis	Salim Rezaie: Severe asthma	Tarlan Hedayati and Jailyn Avila: Not all PEA is the same
9:40-9:55	Manrique Umaña: Pearls and pitfalls in toxic decontamination	Sara Crager: Spiral of death in right ventricle	Sara Crager: A different approach in the choice of amines for shock
10:00-10:10	QUESTION TIME	QUESTION TIME	QUESTION TIME
10:10-10:40	BREAK	BREAK	BREAK
10:40-10:55	Salim Rezaie and Ken Milne: The great debate on induction agents in emergencies	Ken Milne: The 5 papers with the greatest impact in the last year in evidence-based medicine	Ken Milne: The myth of contrast-induced nephropathy
11:00-11:15	Reuban Strayer: What's new in modern airway management in severe trauma	Scott Weingart: Epinephrine and Arterial Lines in CPR	Reuban Strayer: Ketamine Brain Continuum
11:20-11:35	Jessica Mason: Why advanced cardiovascular support is not useful in traumatic cardiac arrest	Felipe Teran: Why transesophageal POCUS in CPR	George Willis: Hyperkalemia in emergencies
11:40-11:50	QUESTION TIME	QUESTION TIME	QUESTION TIME
11:50-12:20	BREAK	BREAK	BREAK
12:20-12:30	Coffee or tea with Simon Carley, Salim Rezaie AND Sara Crager: HALO situations.	Coffee or tea with Simon Carley AND Scott Weingart: 'EM mindset'	Coffee or tea with Simon Carley AND Tarlan Hedayati: 'Impostor Syndrome'
12:30-13:00	Simulation talk: Scott Weingart: Emergency thoracotomy	Simulation talk: Felipe Teran: Transesophageal POCUS in CPR	Simulation talk: Jessica Mason: C-section in pregnant cardiac arrest
13:00-15:00	LUNCH	LUNCH	LUNCH
15:00-15:15	Sara Crager: Breaking the Status Quo in classical education in emergency medicine	Reuban Strayer: Modern management of severe undifferentiated agitated patient	Manrique Umaña McDermott: Really wide ventricular tachycardia
15:40-15:55	Tarlan Hedayati: Pacemaker electrocardiograms	Jailyn Avila: Game-changing nerve blocks	Scott Weingart: Modern management of fibrinolysis in PE. A new vision
15:40-15:55	Jailyn Avila: POCUS in shock: Volume, pressors or something else?	George Willis: Crashing Aorta	Haney Mallemat: ROSC. What's NOW
16:00-16:10	QUESTION TIME	QUESTION TIME	QUESTION TIME
16:10-16:40	BREAK	BREAK	BREAK
16:40-17:10	Simulation talk: Andrés Climent and Rosana Chorro: REBOA	Simulation talk: Mason, Mallemat, Umaña: 3 techniques you should know in EM	THE CLOSE

The proposed pre-conference workshops would be as follows:

11/03/2025

Black Cloud

09:30 to 13:30

Speakers Ryan Ernst
Sara Craiger

This pre-conference workshop will have a maximum capacity of 40 students (the first registration for the conference upon request). The workshop will be completely in English. The workshop seeks to subject attendees to a “black code” situation: Multiple simulated victims, of high complexity, requiring clinical decision-making at the bedside, succesively, in a hospital environment.

After this, the speakers will base their teaching on the thinking and decision-making of the emergency professional, in a situation of high demand and low available resources.

Recommendations Laptop computer must be brought to the workshop
Relax and enjoy simultaneous clinical decision making.

The proposed pre-conference workshops would be as follows:

11/03/2025

Resus X Spain

14:00 to 18:00

Speaker Haney Mallemat et al

This pre-conference workshop will have a maximum capacity of 30 students (the first registration for the conference upon request). The workshop will be completely in English. The workshop seeks to hold talks and workshops in the real Resus X lifestyle. This pre-conference workshop will break myths and dogmas to become a true resus EM Guy.

Are you ready to take your resuscitation skills to the next level and make a real difference in the lives of your patients with the first RESUS X SPAIN?

For this purpose, we have excellent teachers in the field such as:



DR. HANEY MALLEMAT



DR. REUBEN STRAYER



DR. SCOTT WEINGART



DR. GEORGE WILLIS



DR. SALIM REZAI



DRA. SARA CRAGER



DRA. TARLAN HEDAYATI



DRA. JAILYN AVILA



DR. MANRIQUE UMAÑA
MC DERMOTT



DR. KEN MILNE



DRA. ROSSANA CHORRO



ENFERMERO
ANDRES CLIMENT



DRA. JESSICA MASON



DR. RYAN ERNST



DR. FELIPE TERAN

DR. HANEY MALLEMAT

Experienced Associate Professor with extensive experience in higher education. Expert in Emergency Medicine, Critical Care Medicine, Echocardiography, Critical Care Nursing and Medical Care.

SUNY Downstate Medical Center educated professional. One of our international experts in critical patient management and emergency resuscitation. Founder of Resus X and Critical Care Now.





DR. REUBEN STRAYER

FRCPC, FACEP, FAAEM (@emupdates). His clinical areas of interest include airway management, analgesia, opioid abuse, procedural sedation, agitation, decision making and errors.

He is based at Maimonides Medical Center in Brooklyn. Our international expert in emergent airway and emergency pharmacology (especially in the field of agitation).

DR. SCOTT WEINGART

Works at Mount Sinai School of Medicine, New York. Residency at Mount Sinai School of Medicine. Surgical Critical Care and Trauma, University of Maryland Medical Center.

Critical Care and Extracorporeal Membrane Oxygenation, University of Maryland Medical Center. Founder of EMCRIIT.
He is our foremost international expert in critical patient and resuscitation.

Our headliner.





DR. GEORGE WILLIS

Vice President, Faculty Development | Assistant
Program Director | Associate Professor / Clinician.

Our expert in endocrine-metabolic emergencies.
Frequent contributor to EMRAP.

DR. SALIM REZAIE

Medical training at Texas A&M Health Science Center and then a combined residency in Emergency Medicine/Internal Medicine at East Carolina University in Greenville, NC. Currently working at Greater San Antonio Emergency Physicians (GSEP) in San Antonio, TX.

Focus on using online technologies as an educational tool (FOAMed) and building bridges between Internal Medicine, Critical Care and Emergency Medicine. Founder of Rebel EM. Salim is our expert in evidence based medicine and critical patients.





DRA. SARA CRAGER

Emergency Physician and Intensivist. She studied Medicine at Yale, completed her residency in Emergency Medicine at UCLA and Critical Care fellowship at Stanford. She is currently a Professor at UCLA in the Departments of Emergency Medicine and Critical Care Anesthesia.

She divides her clinical time between the CT-ICU/SICU at UCLA and the MICU at Antelope Valley Hospital. Founder of icuedu.org. Sara is an international expert in disruptive emergency education.

DRA. TARLAN HEDAYATI

Dr. Hedayati is an Associate Professor and Chief of Education in the Department of Emergency Medicine at Cook County Hospital in Chicago. She has a passion for medical education and is currently completing a Masters in Medical Education for Health Professionals at Johns Hopkins.

She attended medical school at the University of Illinois at Chicago, completed residency at Los Angeles County/University of Southern California and has been at Cook County Hospital for the past 10 years. Dr. Hedayati is our international expert in cardiovascular management and emerging electrocardiography.





DRA. JAILY AVILA

She completed medical school in Loma Linda, California, residency in Chattanooga, Tennessee, and an ultrasound fellowship in Lexington, Kentucky. Jailyn began lecturing nationally and internationally, and in 2019 received the ACEP Rookie Speaker of the Year award after her debut at the ACEP scientific assembly.

Director of the Ultrasound Leadership Academy and an ongoing contributor to EMRAP. Founder of core ultrasound. Jailyn is one of our international POCUS experts.

DR. KEN MILNE

MD, MSc, CCFP-EM, FCFP, FRRMS. Dr. Milne is a physician at Strathroy Middlesex General Hospital in Strathroy, Ontario, Canada. He has been doing medical research for 40 years, publishing on a variety of topics. He has worked clinically for 28 years and is an Associate Professor in the Department of Medicine (Division of Emergency Medicine) and the Department of Family Medicine at the Schulich School of Medicine and Dentistry.

He has taught evidence-based medicine, clinical epidemiology, critical appraisal and biostatistics at Western University in London, Ontario. He is the creator of the knowledge translation project, The Skeptics' Guide to Emergency Medicine (TheSGEM). Dr. Milne is currently pursuing his Executive MBA at the Ivey School of Business.

Dr. Milne is a senior editor of Academic Emergency Medicine. He is on the faculty of the Center for Medical Education and EMRAP. Dr. Milne participates in medical malpractice reviews and holds a patent on a pediatric resuscitation device. Dr. Milne is our international expert in evidence-based medicine and critical thinking in emergencies.





DR. MANRIQUE UMAÑA MC DERMOTT

Dr. Manrique Umaña McDermott. Assistant Physician Specialist in Emergency Medicine. Steering Committee of the Postgraduate Course in Emergency Medicine. Member ACEP/AAEM/IFEM/ASOCOME. San Juan de Dios Hospital, San José, Costa Rica.

Manrique is one of our international experts in disruptive education in emergency medicine.

DRA. ROSSANA CHORRO

Mayo Clinic Simulation-Education Fellowship. Emergency Medicine.
Director of the "Spanish Association for Clinical Simulation in Health
Emergencies". Founder of PHCC.





ENFERMERO ANDRÉS CLIMENT

Critical Care Transport. HEMS Nurse. Master in Emergency and Critical Care. Professor at the International University of Valencia. Instructor accredited by the European body REBOA by European Body Accreditation.

Vice President of the Spanish Association for Clinical Simulation in Health Emergencies.

DRA. JESSICA MASON

Dr. Mason is a Clinical Associate Professor of Emergency Medicine at Texas Christian University in Fort Worth, Texas. After receiving her medical degree from the University of Southern California Keck School of Medicine, she completed her residency in emergency medicine at MetroHealth Medical Center and the Cleveland Clinic, after which she obtained a fellowship in Medical Education at UCSF Fresno.

She is currently the Director of the Medical Education Fellowship and a tenured faculty member at John Peter Smith Hospital in Fort Worth, Texas. She collaborates with Emergency Medicine: Reviews and Perspectives (EM:RAP) managing the Comprehensive Core Curriculum (C3) podcast, HD video productions, Crunch Time audio board review, and serving as an associate editor for EM:RAP.





DR. RYAN ERNST

Associate Clinical Professor of Emergency Medicine, UCSF Director of the Global Health Education Fellowship Program, UCSF Fresno.

Dr. Ernst is the director of the Global Health Education Fellowship program at UCSF Fresno. He is the Director of the annual "Induction Week" (orientation week) for the incoming interns of the IGSS Emergency Medicine Residency in Guatemala City, Guatemala. Dr. Ernst is also the Director of the Diploma in Emergency Medicine at Cho Ray University in Ho Chi Minh City, Vietnam, an 18-month training program, including clinical and didactic instruction, culminating in examinations and certificate awarded through a collaboration of the University of Utah, UC Davis, and UCSF Fresno. EMRAP GO

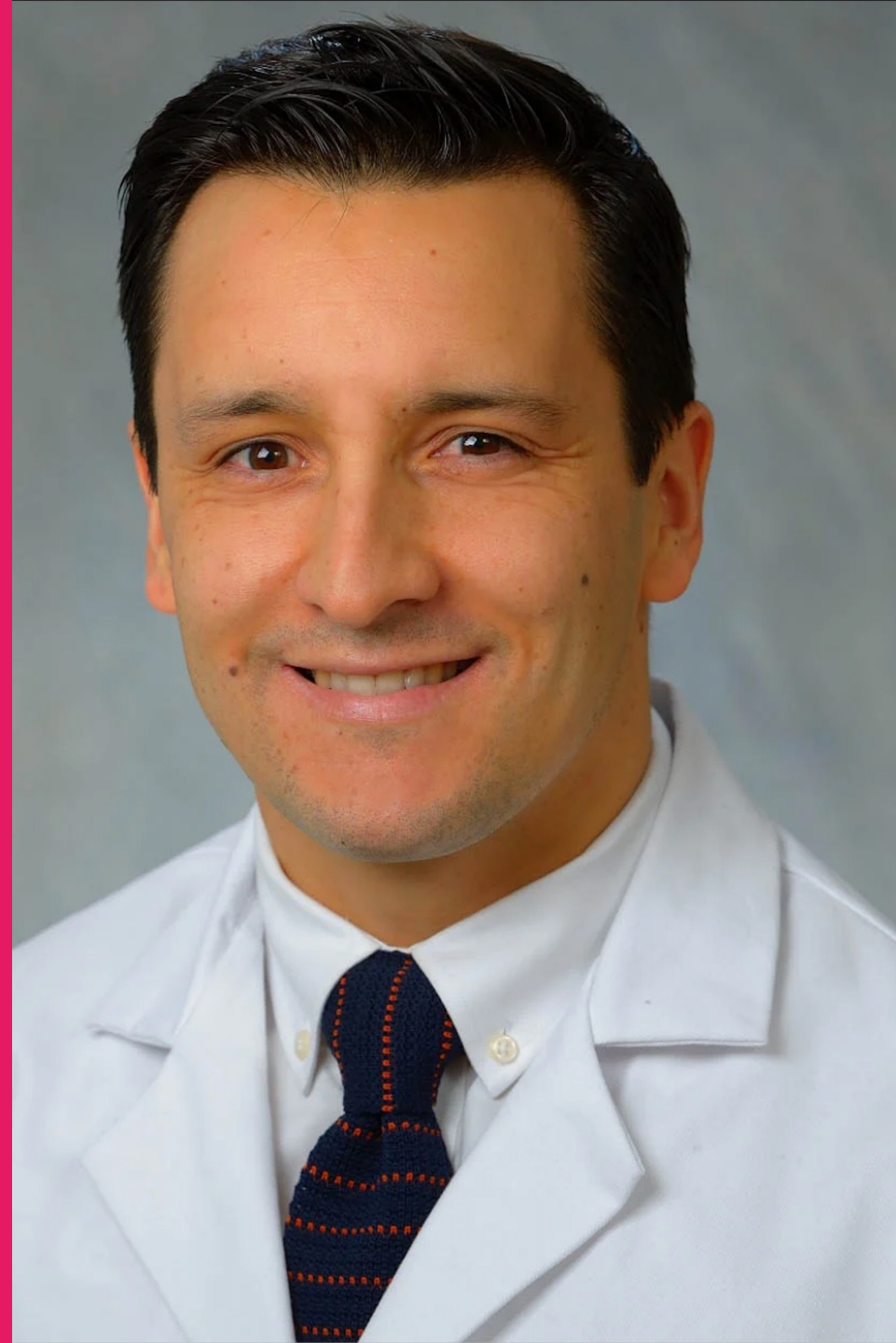
DR. FELIPE TERAN

Dr. Terán is an associate professor of emergency medicine, translational resuscitation scientist at Weill-Cornell Medicine in New York. He completed a fellowship in emergency ultrasound at Mount Sinai Hospital, a master's degree in clinical epidemiology at the University of Pennsylvania and is a testamur of the National Board of Echocardiography Critical Care Echocardiography Examination.

He directs the Resuscitation Science Unit of the Division of Emergency Research and is co-chair of the Committee on Cardiac Arrest and Rapid Response Teams at Weill Cornell Medicine. Using transesophageal echocardiography (TEE), his current work focuses on the study of the physiological effects of chest compressions on haemodynamics and cerebral perfusion, and their impact on resuscitation outcomes.

He is founder of the Resuscitative TEE Project and principal investigator of the Resuscitative TEE Collaborative Registry (rTEECORE), a research network that aims to accelerate the development of research into the use of TEE in emergency and critical care. As course director of The Resuscitative TEE Workshop, Dr. Terán leads a multidisciplinary group of experts and has trained more than 1,700 physicians worldwide.

His research has been funded by the Emergency Medicine Foundation (EMF) and the Zoll Foundation, as well as the National Institute of Health (NIH). Recently, the National Heart, Lung, and Blood Institute (NHLBI) awarded him a research training grant to investigate the haemodynamic impact and clinical outcomes of TEE during cardiac arrest, as well as barriers and facilitators to successful application during resuscitation.





DR. SIMON CARLEY

Professor Simon Carley FRCEM, MPhil, MD and PhD is a Consultant in Adult and Paediatric Emergency Medicine at Manchester NHS Foundation Trust. He is also a Consultant in Enhanced Pre-Hospital Care with North West Air Ambulance, a BASICS doctor with North West Pre-Hospital Critical Care Charity and a MERIT doctor with North West Ambulance Service.

He is a Professor at the Manchester Academic Health Sciences Centre (University of Manchester) and visiting Professor at Manchester Metropolitan University. He also is the co-founder of the BestBets website, St.Emlyn's social media learning platforms and the MSc in emergency medicine at Manchester Metropolitan University. Can be found on twitter as @EMManchester

In addition to these teachers, attendees will have the opportunity to try the medical material resources (REBOA, POCUS...) that the collaborating companies will make available in the stand area during the break and lunch breaks.



Incr**EM**entuM

Conference 2025

THANK YOU VERY MUCH