

IV HEARTCARE & CARDIOVASCULAR MEDICINE CONFERENCE

Mercure Rome Leonardo da Vinci Airport

OCTOBER 27-28, 2025





HEARTCARE 2025 PROGRAM

OPENING CEREMONY

09:20 - 09:30

MODERATOR

Dr. Karl Brousmiche

Europe Hospitals Brussel, Belgium



ORAL SESSION

KARL BROUSMICHE

Europe Hospitals Brussel, Belgium

09:30 - 10:00

**ENHANCING CLINICAL EDUCATION AND PATIENT SAFETY THROUGH
SIMULATION IN HEALTHCARE: A PEDAGOGICAL APPROACH**

RICARDO R. KUNIYOSHI

Vitória Apart Hospital, Brazil

10:00 - 10:30

**VENTRICULAR FIBRILLATION TRIGGERED BY "BENIGN-LOOKING"
PREMATURE VENTRICULAR CONTRACTION ARISING FROM THE RIGHT
VENTRICULAR OUTFLOW TRACT**

REFRESHMENTS BREAK & GROUP PHOTO

ALVARO VARGAS PELAEZ

Memorial Cardiac and Vascular Institute, USA

10:40 - 11:00

**ECHOCARDIOGRAPHIC ESTIMATION OF RIGHT VENTRICULAR SYSTOLIC
PRESSURE WITHOUT RIGHT ATRIAL PRESSUR**

ANITA LUKIC

Varazdin General Hospital, Croatia

11:00 - 11:20

CHECKLISTS - ANNOYING BURDEN OR LIFE-SAVING TOOL

AYŞE GÜLŞAH ATASEVER

UZ Leuven, Belgium

11:20 - 11:40

EMERGING APPLICATIONS OF AI IN CARDIOVASCULAR SURGERY

EDINA BILIC KOMARICA

UKC Sarajevo, Bosnia and Herzegovina

11:40 - 12:00

DIMENSIONAL COMPATIBILITY OF CURRENTLY AVAILABLE EQUIPMENT FOR CRICOTHYROIDOTOMY WITH THE AIRWAY ANATOMY IN ADULTS - AN *IN-VITRO* ANALYSIS

FAITH MAKENA MATIRI

Founder, Peculiar Parents Network, Kenya

12:00 - 12:20

BREAKING THE SILENCE ON INFERTILITY: A CASE STUDY FROM AN AFRICAN PERSPECTIVE

SPECIAL SESSION

MERAV MOR & TJEU SOUREN

MetaFlow, Science and Research, Israel

12:20 - 13:00

METABOLISM IN THREE DIMENSIONS: INDICES OF METABOLIC FLEXIBILITY AND KETONE PRODUCTION DURING CONTROLLED ENERGY DEFICIT

LUNCH & NETWORKING

SPECIAL SESSION ON ADVANCES IN NEUROCRITICAL CARE PRACTICE

13:45 - 14:30

FRANCESCA FRISARDI

'Tor Vergata' University Hospital, Rome, Italy

CALL ME BY MY NAME! A P300 ERP RETROSPECTIVE STUDY ON UNRESPONSIVE AWAKED PATIENTS

ROBERTO POLIDORO

'Tor Vergata' University Hospital, Rome, Italy

NSE SERUM BIOMARKERS LEVEL DURING CEREBRAL INJURY AS PREDICTIVE VALUE TO RULE OUT BRAIN DEATH EVOLUTION

DOMENICO CIPOLLONE

'Tor Vergata' University Hospital, Rome, Italy

DCI, VASOSPASM AND TCCD MANAGEMENT FOR CEREBRAL ENDOVASCULAR NIMODIPINE INFUSION

YOUNG RESEARCHERS FORUM

LOUIS VANDEPUTTE

AZ Maria Middelaers Hospital, Belgium

14:30 - 14:45

SWARECO: A WEARABLE SENSOR SYSTEM FOR MONITORING SWALLOWING AND COUGHING IN CRITICAL CARE

KAREENA POPAT

Rohilkhand Medical College and Hospital, India

14:45 - 15:00

ANAESTHETIC AND SURGICAL MANAGEMENT OF A GIANT OCCIPITAL ENCEPHALOCOELE IN AN INFANT: A CASE REPORT

FATMA TOKSÖZ GÜNEŞ

Marmara University, Turkey

15:00 - 15:15

HEALTH LITERACY STATUS OF PRIMARY SCHOOL TEACHERS ON TYPE 1 DIABETES: A QUALITATIVE STUDY

ALINA BIEGERL

Technical University of Munich, Germany

15:15 - 15:30

CORRELATION BETWEEN DIFFERENT MEASUREMENTS (HANDGRIP STRENGTH, WALKING SPEED, AND TIMED UP AND GO TEST) OF SARCOPENIA IN ELDERLY SURGICAL PATIENTS

DIMASH DAVLETOV

Kazakh National Medical University, Kazakhstan

15:30 - 15:45

**SECONDARY PREVENTION OF PATIENTS WITH CORONARY HEART DISEASE
IN KAZAKHSTAN**

REFRESHMENTS BREAK

VIRTUAL TALKS

BERTHOLD MOSER

Anesthesiologist, Italy

15:55 - 16:10

**DIMENSIONAL COMPATIBILITY OF CURRENTLY AVAILABLE EQUIPMENT FOR
CRICOTHYROIDOTOMY WITH THE AIRWAY ANATOMY IN ADULTS - AN IN-
VITRO ANALYSIS**

KEITH HAUGH

University College Cork, Ireland

16:10 - 16:25

**IS THERE A ROLE FOR FENTANYL PCAS IN PROSPECT RECOMMENDATIONS
FOR LAPAROSCOPIC CHOLECYSTECTOMIES?**

MERBOUH MANAL

Mohammed VI University Hospital of Morocco

16:25 - 16:40

RESPIRATORY INVOLVEMENT IN MEASLES INFECTION

ISHAN WIJewardana

SNottingham University Hospitals NHS Trust, UK

16:40 - 16:55

**A RETROSPECTIVE STUDY ON THE PREVALENCE OF ENDOMETRIOSIS IN
WOMEN WITH SUBFERTILITY AT NOTTINGHAM UNIVERSITY HOSPITAL**

END OF DAY 1

ORAL SESSION

EDINA BILIC KOMARICA

UKC Sarajevo, Bosnia and Herzegovina

09:30 - 09:50

RISK FACTORS AND THEIR IMPACT ON DIABETES MELLITUS IN ELDERLY PEOPLE

OMAR SEKIOU

Environmental Research Center (CRE), Algeria

09:50 - 10:10

SYNTHESIS, IN VITRO, AND IN SILICO STUDY OF SULFONYLUREA DERIVATIVES: HUMAN PANCREATIC A-AMYLASE INHIBITION, ADMET ANALYSIS AND MOLECULAR DOCKING STUDY

AINUR S. KRYKPAYEVA

Semey Medical University, Kazakhstan

10:10 - 10:30

MOLECULAR GENETIC ANALYSIS OF THYROID NODULES IN INDIGENOUS PEOPLE LIVING IN THE FORMER SEMIPALATINSK TEST SITE (SNTS)

REFRESHMENTS BREAK

YOUNG RESEARCHERS FORUM

EBERECHUKWU IKWUANUSI

University Hospitals Birmingham, UK

10:40 - 10:55

PERIOPERATIVE MANAGEMENT OF PULMONARY ARTERIAL HYPERTENSION IN CHILDREN UNDERGOING CONGENITAL HEART SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS

SABRINA LASINI GRUHL

Singapore General Hospital, Singapore

10:55 - 11:10

THE PROGESTERONE WINDOW: TIMING IT RIGHT FOR OPTIMAL ENDOMETRIUM IN FROZEN EMBRYO TRANSFERS

ZEHRA HASNAIN

Kings College Hospital NHS FT, UK

11:10 - 11:25

A MULTILAYER RESEARCH TO INVESTIGATE THE CLINICAL & STATISTICAL FEATURES OF PATIENTS WITH FOREIGN BODIES AND THE USE OF RIGID BRONCHOSCOPY

MONA M. ELKADY

Alta Bates Summit Medical Center Residency Program, USA

11:25 - 11:40

AVEIR ATRIAL LEADLESS PACEMAKER TROUBLES IN PATIENTS WITH PRIOR CARDIAC SURGERY AND ATRIOTOMY: TWO CASES ILLUSTRATING STABILITY AND PERFORMANCE LIMITATIONS

POSTERS

11:40 - 12:00

ZEHRA HASNAIN

Southwest Medical University, China / Kings College Hospital NHS Foundation Trust, UK

A MULTILAYER RESEARCH TO INVESTIGATE THE CLINICAL AND STATISTICAL FEATURES OF PATIENTS WITH FOREIGN BODIES AND THE USE OF RIGID BRONCHOSCOPY

ZAOUALI MONIA

University of Sousse, Tunisia

IMPACT OF COVID-19 ON NEW ONSET DIABETIC KETOACIDOSIS: INSIGHTS FROM A PIONEER CROSS SECTIONAL TUNISIAN STUDY

DENGYANG HAN

Peking University Third Hospital, Beijing, China

ROLE AND MECHANISM OF ABNORMAL CLEARANCE OF AUTOPHAGY RELATED PHOSPHORYLATED A - SYN MEDIATED BY METABOLIC DISORDER OF PHOSPHATIDYLETHANOLAMINE IN DELAYED NEUROCOGNITIVE RECOVERY

MAYRA ZH. ESPENBETOVA

Semey Medical University, Kazakhstan

THYROID CANCER IN KAZAKHSTAN: NATIONAL AND REGIONAL TRENDS OVER THE PAST DECADE

VIRTUAL TALKS

MUHAMMAD HASSAN KHAN

St. Vincent's University Hospital, Ireland

12:00 - 12:15

COMPARING PHARMACOLOGICAL AND NONPHARMACOLOGICAL INTERVENTIONS FOR ALLEVIATING PREOPERATIVE ANXIETY IN PEDIATRIC SURGICAL PATIENTS: A RANDOMIZED CONTROLLED TRIAL IN PAKISTAN

MERBOUH MANAL

Mohammed VI University Hospital of Morocco

12:15 - 12:30

DIABETIC KETOACIDOSIS IN PAEDIATRICS: A 10-YEAR RETROSPECTIVE STUDY COMPARING CHILDREN WITH KNOWN DIABETES AND THOSE WITH NEWLY DIAGNOSED DIABETES AT PRESENTATION

SWATI SHARMA

Nottingham University Hospitals NHS Trust, UK

12:30 - 12:45

DIAGNOSTIC ACCURACY OF HYSTEROSALPINGOGRAPHY COMPARED TO LAPAROSCOPY IN ASSESSING BILATERAL TUBAL BLOCKAGE IN SUBFERTILE WOMEN

ISHAN WIJewardana

Nottingham University Hospitals NHS Trust, UK

12:45 - 13:00

IMPLEMENTATION OF A MONTHLY GYNAECOLOGY QRS NEWSLETTER TO IMPROVE COMMUNICATION, LEARNING, AND PATIENT SAFETY

ISHAN WIJewardana

Nottingham University Hospitals NHS Trust, UK

13:00 - 13:15

STRENGTHENING ENGAGEMENT IN GYNAECOLOGY AUDIT AND QUALITY IMPROVEMENT PROJECTS THROUGH A WEEKLY MULTIDISCIPLINARY MEETING - A QIP USING THE PDSA CYCLE

BERTHOLD MOSER

Anesthesiologist, Italy

13:15 - 13:30

A COMPARISON OF THE EFFECT OF FACE-TO-FACE INTERVIEW VERSUS A BROCHURE AND VIDEO ASSISTED ANAESTHESIA INTERVIEW: A SURVEY OF OVER 1000 PATIENTS

LUNCH & NETWORKING

SANA TARIQ

Manchester university NHS Foundation Trust, UK

13:30 - 13:45

A TYPICAL TAKOTSUBO CARDIOMYOPATHY PRESENTING AS ST-ELEVATION MYOCARDIAL INFARCTION

SALMAN BIN IHSAN

Cavan General Hospital, Ireland

13:45 - 14:00

NEURAXIAL REGIONAL ANAESTHESIA, GENERAL ANAESTHESIA AND CONVERSION RATES: A 6 MONTH RETROSPECTIVE AUDIT

NIELS OVERSTEYNS

Ziekenhuis aan de Stroom Network of Hospitals (ZAS)
Campus Cadix, Belgium

14:00 - 14:15

THE SODIUM BICARBONATE CHALLENGE TEST AS A NON-INVASIVE DIAGNOSTIC TEST TO DETERMINE FLUID RESPONSIVENESS: A PILOT STUDY

SALMAN BIN IHSAN

Cavan General Hospital, Ireland

14:15 - 14:30

OUT OF HOURS AND DELAYED INTENSIVE CARE DISCHARGES: A TWO MONTH AUDIT OF PATIENT SAFETY AND CRITICAL CARE RESOURCE UTILISATION

EMAN IBRAHIM ANWAR

Sulaiman AlRajhi University, College of Medicine,
Department of Basic Sciences, Saudi Arabia

14:30 - 14:45

CORTICOSTEROIDS IN SEVERE OHSS: OPTIMAL AGENT, TIMING, AND POTENTIAL SYNERGISM WITH CABERGOLINE



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