

INTERNATIONAL SYMPOSIUM
ON
CRITICAL CARE MEDICINE

22nd Annual Meeting

PRELIMINARY PROGRAMME

SCHOOL OF CRITICAL
CARE MEDICINE

ANAESTHESIA,
PAIN,
INTENSIVE
CARE AND
EMERGENCY MEDICINE



Venice
MESTRE

November 9-11, 2007

NH Laguna Palace

Hotel and Conference Center

www.apicetrieste.org

Club A.P.I.C.E.

Department of Anaesthesia
and Intensive Care,
Policlinico University Hospital,
Catania, Italy
Prof. A. Gullo

Department of Perioperative
Medicine, Intensive Care
and Emergency,
Trieste University School of
Medicine, Italy
Prof. G. Berlot

Department of Pharmacology
and Anaesthesiology,
University of Padua, Italy
Prof. G. Giron, Prof. C. Ori

Department of Anaesthesia
and Intensive Care,
Careggi University Hospital,
Florence, Italy
Prof. A.R. De Gaudio

Prof. Antonino Gullo

Department of Anaesthesia and Intensive Care
Policlinico University Hospital
Via Santa Sofia, 78 - Building 29
95123 Catania, Italy
a.gullo@policlinico.unict.it



World Federation
of Societies of Intensive
and Critical Care Medicine



European Society of
Emergency Medicine

W.F.S.A. World Federation
of Societies of
Anaesthesiologists

Presidente della Repubblica Italiana

Ministero dell'Università e della Ricerca

Ministero della Salute

Istituto Superiore di Sanità

S.I.A.A.R.T.I. Società Italiana di Anestesia, Analgesia,
Rianimazione e Terapia Intensiva

A.A.R.O.I. Associazione Anestesisti Rianimatori
Ospedalieri Italiani

S.I.T.I. Società Italiana di Terapia Intensiva

Università degli Studi di Catania

Università degli Studi di Firenze

Università degli Studi di Padova

Università degli Studi di Trieste

Regione del Veneto

Provincia di Venezia

Comune di Venezia

The above institutions have been invited to grant their patronage

A.P.I.C.E. SECRETARIAT



Key Congressi

Piazza della Borsa, 7 - 34121 Trieste, Italy
Phone: +39 040 660 352 / +39 040 362 727

Fax: +39 040 660 353

apice@keycongressi.it

www.keycongressi.it



INTERNATIONAL SYMPOSIUM ON CRITICAL CARE MEDICINE

22nd Annual Meeting

Venice Mestre, Italy
November 9-11, 2007

INTERNATIONAL SCIENTIFIC COMMITTEE

J.B. Brodsky (U.S.A.)

E. Cohen (U.S.A.)

D. Demetriades (U.S.A.)

M. Klimek (The Netherlands)

K. Ruskin (U.S.A.)

H.K.F. van Saene (U.K.)

J.L. Vincent (Belgium)

W.A. Zin (Brazil)

VENUE

NH Laguna Palace
Hotel and Conference Center
Viale Ancona 2, Venice Mestre, Italy

LANGUAGE

Official languages are English and Italian.
Simultaneous translation will be available
in all scientific sessions, except for poster
sessions and where otherwise specified.

PRELIMINARY PROGRAMME



Friday 9 November

ROOM 1

Respiratory system and artificial ventilation

Educational Issues

Respiratory Mechanics – Basics

- Elastic properties of respiratory tissues
- Elastic properties of pulmonary surfactant
- Resistive properties of the respiratory system

Respiratory mechanics – Advanced

- Viscoelastic properties of the respiratory system
- Expiratory flow limitation and its determination
- Intrinsic PEEP and its determination

Controlling the respiratory system

- Transportation of gases in the blood
- Control of breathing
- Respiratory control of acid-base balance

Highlights on prone ventilation

- Prone ventilation pathophysiology
- Prone ventilation to prevent VA
- Prone ventilation in ARDS
- Prone ventilation in trauma patients

ROOM 2

Challenges on perioperative care

Operating theatres

- Organisation, cost and audit

Perioperative care in neurosurgery

- Organisation
 - Monitoring
 - Techniques and drugs
 - Clinical decision-making
- Clinical assessment and decision-making in the early postoperative care*

ROOM 3

Trauma operative procedures

- Pre-hospital evaluation and treatment of trauma patients: what are the options?
- Secondary transfer of trauma patients: ten commandments and rationale
- Triage decision-making in emergency department
- Treating the trauma patients at the right time

Meet the expert

- Neck injuries
- Emergency thoracotomy
- Surgical strategies for missing injuries

ROOM 4

Satellite Meeting

A F T E R N O O N

ROOM 1

Respiratory system and artificial ventilation

Research and advances

- Interactions between haemodynamic and respiratory system
- Ventilator-associated lung injury
- Superinfections in ARDS
- Controlled mechanical ventilation in ARDS

Assisted ventilation in ARDS and COPD

- Recruitment is good
- Recruitment is bad
- High recruitment and poor recruitment in ARDS

Outcome of ARDS and COPD patients requiring MV

ROOM 2

Challenges on perioperative care

Perioperative care in obstetrics

- Organisation
- Monitoring
- Techniques and drugs
- Clinical decision-making

Obstetric patients requiring ICU admission for critical illness

Perioperative care in paediatrics

- Organisation
- Monitoring
- Techniques and drugs
- Clinical decision-making

ROOM 3

Clinical assessment, techniques and procedures in critical care and ICU

Transesophageal echocardiography (TEE)

- Basic approach
- Heart failure
- Septic patient
- Emergency department

Practical aspects of sonography in ICU patients

- New frontiers on the use of sonography at the bedside
- Transcranial echo-Doppler
- Ultrasonography of the abdomen

ROOM 4

Experimental and clinical advances on cardiac arrest

The state of the research in cardiac arrest

- An introduction
- Experimental models of cardiac arrest
- Xenon during cardiac arrest: friend or foe?
- The influence of low and high tidal volume ventilation on cerebral tissue
- Effects of defibrillation on myocardiocyte
- Effects of vasopressor treatment on microvascular blood flow and oxygenation during experimental septic shock
- Stem cell injection and potential effects
- From experimental to clinical evidence in cardiac arrest

Advances for a better outcome in cardiac arrest

- Warning symptoms of sudden cardiac death
- Quality of CPR overrides timing of defibrillation
- Drugs during cardiac arrest

Respiratory system and artificial ventilation

Research and advances

- High PEEP or Low PEEP in ARDS
- NIV in ARDS and COPD
- NIV in neonate and children with respiratory failure

Monitoring of the respiratory system

High Frequency Percussive Ventilation (HFPV)

What we have learnt from CT

Clinical assessment, techniques and procedures in critical care and ICU

CRRT

- Is acute renal failure life-threatening in ICU patients?
- The importance of dose of dialysis in CRRT for patients outcome
- CRRT in patients suffering sepsis and MODS
- Management of fluid balance during CRRT
- The role of RIFLE in the classification/staging of AKI

CRRT: why, when, whom, how, how long

Microdialysis

- Why monitoring the cerebral perfusion and oxygenation is not enough?
- Metabolic monitor of the brain
- Progress in regional cerebral monitoring in neurocritical patients

Microdialysis as a tool of pharmacokinetics, pharmacodynamics and monitoring of dyshomeostasis

Experimental and clinical advances on cardiac arrest

Advances for a better outcome in cardiac arrest

- Standardised post resuscitation care after cardiac arrest
- Fulfilling the gap of in-hospital cardiac arrest
- Continuing medical education on CPR

What we have learnt from new guidelines on CPR

Medical Emergency Team (MET)

- Emergency team organisation
- Devices and drugs
- Priorities/patients at risk for survival. New perspectives

MET, the importance of simulation

ROOM 1

Airway management

- Airway management: the essentials
- Best method to establish the grade of difficult airway
- Out-of-hospital airway management: knowledge, procedures, equipment
- Practical aspect to manage extubation of the difficult airway
- Simulation and the airway
- Conventional and non conventional devices for airway management

Panel discussion

ROOM 2

Satellite Meeting

ROOM 3

Clinical assessment, techniques and procedures in critical care and ICU

Sepsis

- Safe score: a keystone for grading MODS
- Predisposition of sepsis
- Source control
- Targeted treatment of sepsis. Is it a mission possible?

Lesson from the sepsis trials

Sepsis and MODS: an ongoing challenge

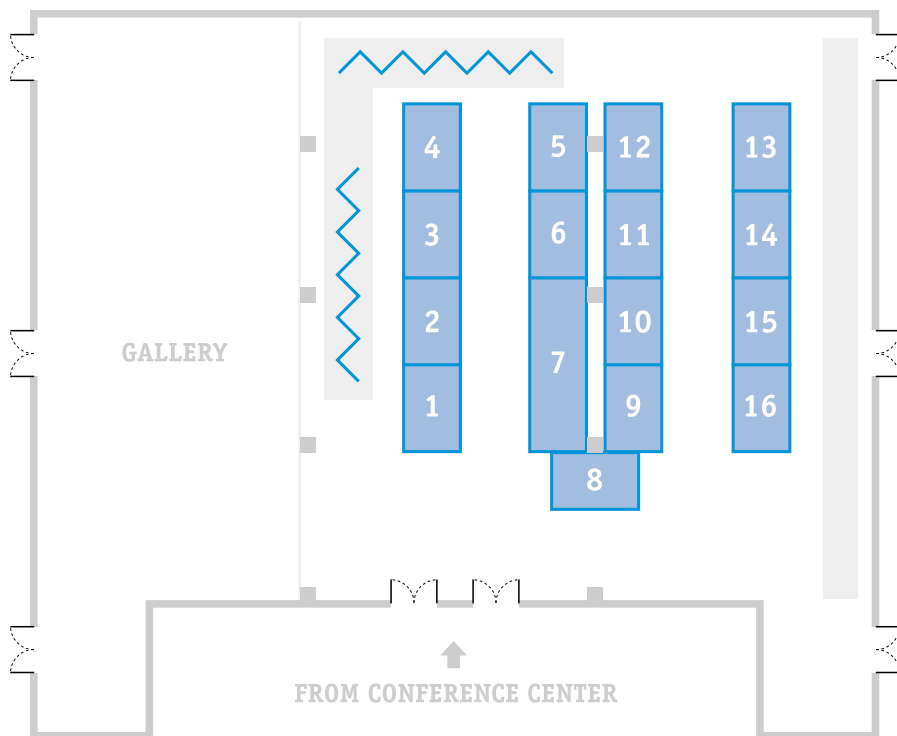
Infections

- The problem of resistance
- The non-pharmaceutical method for preventing VAP
- Antibiotic pharmacokinetics and pharmacodynamics
- Management of candidiasis
- Antibiotics monitoring in severe infection and sepsis

ROOM 4

Satellite Meeting





Alexander Ratan (U.K.)	Lingnau Werner (Austria)
Aliverti Andrea (Italy)	Lucangelo Umberto (Italy)
Amato Marcelo (Brazil)	Mancebo Jordi (Spain)
Antonaglia Vittorio (Italy)	Marshall John C. (Canada)
Astuto Marinella (Italy)	Micaglio Massimo (Italy)
Beale Richard (U.K.)	Noc Marko (Slovenia)
Berlot Giorgio (Italy)	Nordstrom Carl H. (Sweden)
Beuret Pascal (France)	Ori Carlo (Italy)
Bickenbach Johannes (Germany)	Pea Federico (Italy)
Bissonnette Bruno (Canada)	Pelosi Paolo (Italy)
Blanch Lluís (Spain)	Peratoner Alberto (Italy)
Brodsky Jay B. (U.S.A.)	Petrini Flavia (Italy)
Busoni Paolo (Italy)	Piccinni Pasquale (Italy)
Cammarata Gianluca (Italy)	Ranieri Marco V. (Italy)
Cerchiari Erga (Italy)	Reinstrup Peter (Sweden)
Citerio Giuseppe (Italy)	Ristagno Giuseppe (Italy)
Cohen Edmond (U.S.A.)	Ronco Claudio (Italy)
De Gaudio Angelo R. (Italy)	Rossi Andrea (Italy)
Demetriades Demetrios (U.S.A.)	Rouby Jean-Jacques (France)
DeVita Michael (U.S.A.)	Rubulotta Francesca (Italy)
Disma Nicola (Italy)	Ruskin Keith J. (U.S.A.)
Esteban Andres (Spain)	Salvo Ida (Italy)
Fehil François (Switzerland)	Sganga Gabriele (Italy)
Fries Michael (Germany)	Silvestri Luciano (Italy)
Frova Giulio (Italy)	Sorbello Massimiliano (Italy)
Gattinoni Luciano (Italy)	Sunde Kjetil (Norway)
Guarracino Fabio (Italy)	Torres Antoni (Spain)
Gullo Antonino (Italy)	Timmermann Arndt (Germany)
Hilbert Gilles (France)	Ungerstedt Urban (Sweden)
Hillman Ken (Australia)	van der Voort Peter H.J. (The Netherlands)
Jevtovic-Todorovic Vesna (U.S.A.)	van Saene Hendrick K.F. (U.K.)
Klimek Markus (The Netherlands)	Vesconi Sergio (Italy)
Kochs Eberhard (Germany)	Vincent Jean-Louis (Belgium)
Lachmann Burkhard (The Netherlands)	Voggenreiter Gregor (Germany)
Leykin Yigal (Italy)	Zin Walter (Brazil)
Lichtenstein Daniel A. (France)	

DENOMINAZIONE:

Educazione Continua in Medicina

COMPOSIZIONE:

TUTTE LE SALE SARANNO ACCREDITATE come sessioni contemporanee e CON UN UNICO "MONTE PUNTI" GIORNALIERO, suddiviso tra sessioni del mattino e sessioni del pomeriggio.

TITOLARE:

A.P.I.C.E. (Anaesthesia, Pain, Intensive Care and Emergency Medicine).

INTERAZIONI:

Per tutte le sessioni è stato chiesto l'accreditamento per la categoria dei medici e per la categoria degli infermieri professionali. Non sono stati richiesti accreditamenti per altre categorie.

CREDITI PER I DOCENTI

I docenti/relatori hanno diritto, previa richiesta all'organizzatore, a 2 crediti formativi per ogni ora effettiva di docenza in eventi o progetti formativi accreditati ECM entro il limite del 50% di crediti formativi da acquisire nel corso dell'anno solare. I crediti possono essere acquisiti in considerazione esclusivamente delle ore effettive di lezione; i crediti non possono, cioè, essere frazionati o aumentati in ragione dell'impegno inferiore o superiore ai 60 minuti di lezione (le lezioni di durata inferiore ai 60 minuti non possono essere prese in considerazione, né possono cumularsi frazioni di ora per docenze effettuate in eventi diversi).

I docenti/relatori possono conseguire solo i predetti crediti ECM; essi non possono conseguire i crediti formativi in qualità di partecipanti ad eventi nei quali effettuano attività di docenza. L'organizzatore è responsabile della corretta attestazione dei crediti.

Tolleranza per i tempi di partecipazione.

Ai fini dell'attestazione dei crediti formativi ECM è necessaria la presenza effettiva degli operatori sanitari al 100% della durata delle sessioni accreditate.

SCADENZA:

Le indicazioni riguardo ai punti attribuiti a ciascuna sessione saranno *on line* a partire da settembre (www.keycongressi.it)

Ulteriori informazioni possono essere richieste all'indirizzo apice@keycongressi.it

PREZZO AL PUBBLICO:

L'adesione al programma ECM di APICE 2007 è inclusa nella quota di iscrizione (sezione D della scheda di registrazione), che garantisce al partecipante la possibilità di frequentare qualunque sessione accreditata secondo le preferenze e di ricevere il/i certificato/i d'attestazione dei crediti accumulati nel corso del Simposio.

IMPORTANTE!

Il presente programma scientifico ha valore indicativo. L'ordine e i contenuti delle sessioni potranno essere modificati in conseguenza delle necessità dei docenti o per esigenze organizzative. Invitiamo i partecipanti a consultare gli aggiornamenti che saranno tempestivamente resi disponibili sul sito della segreteria organizzativa www.keycongressi.it

REGISTRATION

REGISTRATION FEES

All fees are quoted in Euro and inclusive of 20% VAT.

<i>Fees</i>	<i>Before June 15, 2007</i>	<i>After June 15, 2007</i>
Full registration fee:	€ 450,00	€ 500,00
SIAARTI, AAROI members:	€ 400,00	€ 500,00
Physicians in training*:	€ 120,00	€ 180,00
Nurses:	€ 180,00	€ 240,00
Daily Fee: (one-day participation only)	€ 230,00	€ 230,00

*Registration form must enclose an accompanying letter certifying the physician in training status (anaesthesiology, internal medicine, surgery, paediatrics, neonatology).

Fees include admission to the scientific sessions, 1 copy of the book of proceedings, certificate of attendance and the possibility to attend any credited session and to receive the certificate with the number of credits obtained during the Symposium.

HOW TO REGISTER

As A.P.I.C.E. attracts a large number of participants, we warmly recommend to return by fax the filled-in Registration Form together with a payment certificate not later than October 12, 2007 to the Secretariat:

KEY CONGRESSI

Piazza della Borsa 7 – 34121 Trieste, Italy

Phone: +39 040 660 352 / +39 040 362 727

Fax: +39 040 660 353

E-mail: apice@keycongressi.it

Registrations will be accepted only upon regular payment of the registration fee.

CANCELLATION AND REFUNDS

Notification of cancellation must be made in writing to the A.P.I.C.E. 2007 Secretariat. Refunds of registration fees will be made by bank transfer after the Congress as follows:

- cancellation before October 12, 2007 - 60% refund of fees paid;
- cancellation after October 12, 2007 - No refund.

All bank charges incurred in the processing of the bank transfer will be deducted from the refund.

METHOD OF PAYMENT

Payment of registration fee should be made in Euro by:

- Cheque made payable to "A.P.I.C.E. SRL".
- Bank transfer (free of charge for the beneficiary) to APICE srl, account n° 58126501, c/o Unicredit Banca, Agenzia Trieste Risparmio, ABI 02008 – CAB 02230. (IBAN: IT 24 G 02008 02230 000058126501 - BIC SWIFT UNICRIT2B0PA).
- Credit card: VISA, MASTERCARD/EUROCARD (please indicate the number of your credit card in the registration form, and sign to authorize the withdrawal procedure).

CONGRESS SECRETARIAT

The Secretariat Desk will be available at the NH Laguna Palace Conference Center from Friday, November 9 at 13:00 to Sunday, November 11.

EXHIBITION

A technical, pharmaceutical and scientific exhibition will be held from November 9 to November 11 at the NH Laguna Palace Gallery.

HOTEL ACCOMMODATION

Early booking is recommended.

Please contact the Organising Secretariat to check hotel availability.

Requests for hotel reservations should be made in writing to the A.P.I.C.E. 2007 Secretariat not later than October 12, 2007. For reservation fill in section "E" of registration form.

Hotel rooms at the NH Laguna Palace hotel (congress venue) will be assigned on a first-come, first-served basis and every attempt will be made to respect your choice. If rooms at the NH Laguna Palace hotel (congress venue) are not available, reservation will be made in a hotel of equivalent category according to availability. No reservation will be accepted without the required advanced payment as indicated in the registration form. The receipt for the payment will be issued by the hotel. For credit card holders: your credit card will be used as a guarantee of reservation and payment is to be made directly to the hotel at check-out. Hotel cost will be charged on your credit card if reservation is cancelled and in case of non-arrival. Credit cards will be used only for this purpose (advanced payment for hotel reservation cannot be made with credit card).

Hotel rates are quoted in Euro. Prices are meant per room per night and include breakfast and taxes.

NH LAGUNA PALACE ★★☆☆ – CONGRESS VENUE

TYPE OF ROOM	DOUBLE ROOM USED AS SINGLE	DOUBLE ROOM
standard room	€ 130,00	€ 160,00
superior room	€ 150,00	€ 180,00

Other hotels available:

Best Western Hotel Bologna ★★☆☆ - Hotel Michelangelo ★★☆☆ - Novotel Venezia Mestre Castellana ★★☆☆ - Hotel President ★★☆☆ - Russott Hotels Venezia San Giuliano ★★☆☆ - Hotel Tritone ★★☆☆

If accommodation is provided in a hotel with lower room rates, the exceeding amount paid will be refunded.

CANCELLATION AND REFUNDS

Notification of cancellation of hotel reservations must be made in writing to the A.P.I.C.E. 2007 Secretariat. Penalties for cancellation will be charged as here below indicated:

Cancellation notified	Penalty
from August 1 to August 31	50% of the cost of reservation
from September 1 to September 30	70% of the cost of reservation
from October 1 to October 31	90% of the cost of reservation

If cancellation is notified after October 31, in case of non-arrival and in case of early departure the total cost for the nights booked will be charged and no refund will be made. Refunds will be made by bank transfer after the Congress and all bank charges incurred in the processing of the bank transfer will be deducted from the refund.

MEALS

On Saturday November 10, a lunch buffet will be available only upon advanced reservation at the NH Laguna Palace Restaurant (congress venue). Lunch coupons must be purchased in advance (see section "F" of the registration form). The cost for each lunch is € 33,00 included VAT. The receipt for the payment will be issued by the hotel.

Please make your purchase before October 31, 2007. For credit card holders: your credit card details will be given to NH Laguna Palace Hotel that will charge the cost.

We regret no refund will be made for lunch coupon purchased.

Access to the Restaurant will be limited to those presenting lunch coupons.

METHOD OF PAYMENT

Payment of hotel reservation and lunch coupon should be made in Euro by:

- Cheque made payable to "A.P.I.C.E. SRL".
- Bank transfer (free of charge for the beneficiary) to APICE srl, account n° 58126501, c/o Unicredit Banca, Agenzia Trieste Risparmio, ABI 02008 – CAB 02230. (IBAN: IT 24 G 02008 02230 000058126501- BIC SWIFT UNICRIT2B0PA).

Respiratory System and Artificial Ventilation

Respiratory System : Controversies and Advances

High Frequency Percussive Ventilation (HFPV)

Highlights on Prone Ventilation

Challenges in Perioperative Care

Operating Theatres

Perioperative Care in Obstetrics

Perioperative Care in Paediatrics

Perioperative Care in Neurosurgery

Incidents and Side Effects in Anaesthesia

Airway Management

Infections

Sepsis

CRRT

Microdialysis

Practical Aspects of Sonography in ICU Patients

Transesophageal Echocardiography

Trauma Operative Procedures

Experimental and Clinical Advances on Cardiac Arrest

Medical Emergency Team (MET)

Updates on
www.apicetrieste.org
www.keycongressi.it



APICE Sessions are organised
in collaboration with SMART



Multiprofessional Symposium for:

- Anaesthesiologists
- Emergency physicians
- Paediatricians
- Surgeons
- Nurses



Accreditation requested

Submission of Papers

DEADLINE

The deadline for submission of papers is July 27, 2007.

Abstracts have to be sent by e-mail:
apice@keycongressi.it

INSTRUCTIONS

The complete text in English must be limited to 1 page (including figures, tables and references).

The title should be typed in upper case. Author(s)' name(s) and institution must follow the title on the next line(s). Authors' names must be preceded by their initials. Full address must be indicated in the registration form only.

The text should contain the objectives, a brief description of methods, if appropriate, results in sufficient details to support conclusions, conclusions and references.

Texts will be accepted only if references are in accordance with the New England Journal of Medicine standards!

ACCEPTANCE

Authors will be informed about the acceptance of their papers by September 28, 2007.

The presenting author must be a registered participant.

POSTERS

The papers accepted by the Scientific Committee will be presented in the A.P.I.C.E. Poster Sessions.

Authors will be informed about the date of display of their posters in due time.

Poster size: 70 x 120 cm max.

If a sufficient number of accepted abstracts will be reached, contributions relevant to the Symposium topics will be published in a volume to be distributed at the meeting.

FOR COMMUNICATIONS TO THE AUTHOR(S) PLEASE CONTACT:

Name:
Address:
Phone:..... Fax:

TITLE:

AUTHOR(S):

DEPARTMENT/HOSPITAL:

Full address must be indicated
in the frame above

PLEASE USE **ARIAL** TYPE - 10 pt

18 cm

13 cm

MASTERCLASS
in Anaesthesia,
Intensive Care and Pain
in Neonates and Children

Catania, September 28-29, 2007

Please ask the Organising Secretariat for the application form.

SCIENTIFIC SECRETARIAT

UCO di Anestesia e Rianimazione

Azienda Ospedaliero-Universitaria Policlinico di Catania

Via Santa Sofia 78 - Edificio 29 - 95123 CATANIA - ITALY

Ms. Maria Alice Marino

ph. +39 095 378 2342

email a.gullo@policlinico.unict.it

ORGANISING SECRETARIAT

KEY CONGRESSI Srl

Piazza della Borsa 7 - 34121 TRIESTE - ITALY

Ms. Gioia Malabotta

ph. +39 040 660352 - fax +39 040660353

email apice@keycongressi.it

SCIENTIFIC ORGANISATION

Prof. Antonino Gullo
Department of Anaesthesia
and Intensive Care
Policlinico University Hospital,
Catania, Italy



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