



**XI Annual  
Neuro Meeting  
Siena, Italy,**  
*May 5-7/2011  
Main Hall, Policlinico Le Scotte*

PROGRAMME

# ENDORSEMENTS

Società Italiana di Anestesia Analgesia  
Rianimazione & Terapia Intensiva

## ON REQUEST

Società Italiana di Neurochirurgia

Associazione Italiana di Neuroradiologia  
Diagnostica & Interventistica

Società Italiana di Neurofisiologia Clinica

Società Italiana di Neurosonologia  
Emodinamica Clinica

Società di Anestesia e Rianimazione  
Neonatale e Pediatrica Italiana

Società Italiana di Medicina Fisica  
e Riabilitativa

International Society of Intraoperative  
Monitoring

Society of Neurosurgical Anesthesia  
And Critical Care

Comune Di Siena

Fondazione Monte Dei Paschi di Siena

Università di Siena

Azienda Ospedaliera Universitaria Senese

Arcadia - Associazione Culturale  
in Terra di Siena

Distretto 108 La, Lion's Toscana

Confcommercio Siena

# COMMITTEE

## HONORARY PRESIDENT

**David S. Warner**  
(Duke University - USA)

## CHAIR

**Cesare Vittori**  
(Siena University - I)

## ANNUAL MEETING

**PROGRAM COMMITTEE**  
**GdS Neuro - SIAARTI**

# WELCOME ADDRESS

The Annual Neuro Meeting was founded in 2000 to unite our Colleagues involved in neuroscience activities and so to improve outcomes for patients with life-threatening neurological illnesses by promoting quality patient care, professional collaboration across multiple disciplines, research, training, and advocacy.

The 11th Edition of the Meeting cements these goals during three full days of interactive sessions. Topics during this year's meeting include two hot topics sessions in Neurocritical Care, one in Neuroanesthesia, a "Join the Experts" on Awake Craniotomy and NeuroPediatrics, a Conference on Severe Brain Lesions, an oral presentation session and the 5th Young Investigator Award, seven Guest Lecturers by from some of the national and international well knew Opinion Leaders.

On behalf of the Annual Neuro Meeting Program Committee, I invite you to join with us in Siena!

CESARE VITTORI, MD

*Chair, Annual Neuro Meeting Program Committee*

*President DANTE Association & Chair of Neuro-SIAARTI*

*Department of Anesthesia and Critical Care & Department of Neurosciences  
Policlinico, University of Siena, School of Medicine*



**11°**

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ANNUAL  
NEURO  
MEETING

# THURSDAY MAY 5, 2011

13:00-15:00

Registration & Opening  
Ceremony

15:00 - 17:00



## ONGOING CONTROVERSIES IN NEUROCRITICAL CARE

Ist part

Chairs: L. Lubatti (*Milan - I*),  
D. Pietrini (*Rome - I*), E. Zei (*Siena - I*),  
G. Martini (*Siena - I*)

**Monitoring and maintaining  
normovolemia in brain lesions:  
are the principles still clear?**

C.A. Castioni (*Turin - I*)

**Monitoring the Coma:  
EEG and PESS**

E. Bosco (*Treviso - I*)

**Intracranial Hypertension Therapy  
today**

A. Chierigato (*Cesena - I*)

**Neuroprotection in the Neuro ICU**

L. Longhi (*Milan - I*)

**How we may interface between  
the Neuro-ICU and the Neuro-  
Rehabilitation**

A. Amantini (*Florence - I*)

**The pertinence of admission is the  
appropriateness of care**

F. Procaccio (*Verona - I*)

17:00-17:15 BREAK

17:15

OPENING CEREMONY

WELCOME ADDRESS:

V. A. Peduto (*Perugia - I*), A. Rossi (*Siena - I*),  
G.M. Rossolini (*Siena - I*), C. Vittori (*Siena - I*)

17:20

GUEST LECTURES

**Weaning and extubation failure  
in Neuro-ICU**

P. Navalesi (*Novara - I*)

**Building the future  
of Neurocritical Care**

N. Latronico (*Brescia - I*)

18:30-19:00

GUESTS AWARDS & WELCOME  
COCKTAIL

FRIDAY MAY 6, 2011

08:30



## ONGOING CONTROVERSIES IN NEUROCRITICAL CARE

2nd part

Chairs:

A. Chieragato (*Cesena - I*), L. Nardin (*Treviso - I*), A. Amadori (*Florence - I*), G.M. Rossolini (*Siena - I*)

### Top 10 Neuro-ICU Pharmacotherapy Pearls

A. Del Gaudio (*SGR, Foggia - I*)

### How we manage extracranial Complications after severe Brain Injury

L. Mascia (*Turin - I*)

### Autoregulation in SAH patients: how can we manipulate blood pressure?

F. Rasulo (*Brescia - I*)

### Antibiotic Use in the Neuro-ICU

C. Tascini (*Pisa - I*)

### Colistin & CNS infections

R. Imberti (*Pavia - I*)

10:30 - 10:45 BREAK

10:45 - 12:45

## NEUROANESTHESIA

Educational Session

Chairs:

F. Aloj (*NeuroMed/Pzz*), F. Del Gaudio (*SGR/Foggia - I*), P. Roncucci (*Livorno - I*), R. Stefani (*Rome - I*)

### Different Brain lesions, different ORs management and organization

C. Maglione, (*Naples - I*)

### TIVA/TCI and Anesthesiological work-stations: back to the future

P.P. Martorano, (*Ancona - I*)

### Neuroprotection during Anesthesia

V. Conte, (*Milan - I*)

### Legal aspects of monitoring in Neuro-ORs

A. Zalaffi (*Siena - I*)

### How can we raise a NeuroAnesthesiologist

M. Berardino (*Turin - I*)

12:45 - 13:45 BREAK

**13:45-15:00**



**JOIN THE EXPERTS**  
Educational Session

**NEUROANESTHESIA &  
NEUROCRITICAL CARE:  
INTERFACE BETWEEN  
THE OR AND THE ICU**

Chairs:

P. Martorano (*Ancona - I*), A. Chieregato  
(*Cesena - I*), C. Maglione (*Naples - I*),  
A.T. Mazzeo (*Messina - I*)

**Perioperative medicine in  
neurosurgical patients**

F. Aloj (*NeuroMed/Pozzilli - I*)

**Post operative care unit for elective  
neurosurgical patients**

R. Stefani (*Rome - I*)

**High surgical risk neurosurgical  
patients and OR organization**

A. Gratarola (*Genoa - I*)

**High surgical risk neurosurgical  
patients and ICU organization**

C.A. Castioni (*Turin - I*)

**15:15 - 17:00**

**JOIN THE EXPERTS**  
Educational Session

**STAFFING AN AWAKE  
CRANIOTOMY**

Chairs:

R. Zoppellari (*Ferrara - I*), F. Muzii (*Siena - I*),  
L. Palma (*Siena - I*), E. Lauti (*Bari - I*)

**Awake anesthesia: basic concepts**

F. Sala (*Verona - I*),

**Awake anesthesia:  
Selecting the patient**

F. Giordano (*Florence - I*)

**Awake anesthesia:  
Surgical strategies**

M. A. Cavallo (*Ferrara - I*)

**Awake anesthesia:  
Neurophysiological monitor**

R. Budai (*Udine - I*), R. Quatralè (*Mestre - I*)

**Awake anesthesia:  
Literature review**

F. Bilotta (*Rome - I*)

**Awake anesthesia: Comparison  
of different anaesthesiological  
techniques**

V. Conte (*Milan - I*), M. Pellegrini (*Ferrara - I*)

**My alternatives to an  
Awake anesthesia**

V. Marinò (*NeuroMed Pozzilli, Isernia - I*)

**17:00 - 17:15 BREAK**

**17:15 - 18:15**

**GdS ORAL PRESENTATION**

**Hyponatraemia in Neuro-ICU:  
new treatments**

F. Tarantino (*Siena - I*)

**National Survey : Tracheo in  
Neuro-ICU**

L. Lubatti (*Milan - I*)

**Anesthesia and Neuromonitoring  
in surgical treatment of carotid  
artery**

F. Aloj (*NeuroMed/Pozzilli - I*)

**18:15 - 19:30**

**ORAL PRESENTATION  
OF THE 5th YOUNG  
INVESTIGATOR AWARD**

Supported by



ASSOCIAZIONE  
PER LA DIFFUSIONE E L'AVANZAMENTO  
DELLE NEUROSCIENZE TOSCANE

# SATURDAY MAY 7, 2011

08:15 - 10:15



## JOIN THE EXPERTS

Educational Session

## TECHNIQUES & CONTROVERSIES ON PEDIATRIC PATIENTS

Chairs & Discussants:

D. Pietrini (*Rome - I*), P. Cogo (*Rome - I*),  
L. Genitori (*Florence - I*), A. E. Buscalferri  
(*Siena - I*), S. Vergna (*Florence - I*)

**Are general anesthetics toxic  
in the developing brain?**

C. Ori (*Padua - I*)

**Analgo-Sedation for Pediatric  
NeuroRad diagnosis**

P. Busoni (*Florence - I*)

**Top 10 Pediatric Neuro-ICU pearls**

L. Bussolin (*Florence - I*)

**Neurophysiological markers  
of brain injury and effect of  
hypothermia**

A. Suppej (*Padua - I*)

**The Pediatric Neuroprotection**

Francesca Rossetti (*Florence - I*)

**Brain and Spinal injury in children**

Niccolò Parri (*Florence - I*)

10:15 - 10:30 BREAK

10:30 - 13:00

## GUEST LECTURES

Chairs: C. Ori (*Padua - I*), M. Bernardino  
(*Turin - I*), F. Rasulo (*Brescia - I*),  
C. Vittori (*Siena - I*)

**Organizing a Neurosurgical OR  
today**

M. Skrap (*Udine - I*)

**Pre and Post-conditioning: Does it  
work in the brain?**

E. F. Kochs (*Munich - D*)

**Pre-clinical models of Stroke and  
SAH: from Lab to Practice**

D. S. Warner (*Durham - USA*)

**Reading and doing Medical  
Research: an insight from  
Augustina Otero**

J. Hartung (*New York - USA*)

13:00 - 14:00 BREAK

14:00 - 17:00



Educational Conference on:  
**"CAN WE MODIFY THE  
PROGNOSIS OF SEVERE  
BRAIN LESIONS?"**

Ist part

Chairs & Discussants:

F. Procaccio (*Verona - I*), A. Caricato (*Rome - I*), P. Innocenti (*Florence - I*), P.G. Fabbri (*Palermo - I*), F. Bruni (*Siena - I*), A. Rossi (*Siena - I*), A. Cerase (*Siena - I*), G.M. Rossolini (*Siena - I*), G. Oliveri (*Siena - I*), P. Giomarelli (*Siena - I*)

**What really affects outcome? Data from the Italian trauma registry**

S. Di Bartolomeo (*Udine- I*)

**The emergency system in Italy: what is the best model of care**

G. Gordini (*Bologna - I*)

**HEMS and head injury.**

**Do we really need it?**

G. Sesana (*Milan -I*)

**Head injury and the network.**

F. Servadei (*Parma - I*)

**Brain Trauma and hemodynamic instability: the diagnostic routes in emergency**

G. Nardi (*Rome - I*)

**The Medical Intensivist perspective**

A. Chierigato (*Cesena - I*)

Discussion

17:00 - 17:15 BREAK

17:15 - 19:00

**AFTER ICU: ALIVE AND  
DESPERATE?**

2nd part

Chairs & Discussants:

V. Serino (*Siena - I*), M. Barni (*Siena - I*),  
C. Vittori (*Siena - I*), F. Procaccio (*Verona - I*),  
G. Sesana (*Milan - I*), F. Servadei (*Parma - I*),  
P. Malacarne (*Pisa - I*), R. Satolli (*Italian Press*)

**CRIMYNE: state of the art**

N. Latronico (*Brescia - I*)

**The end of life GiViTi Study**

G. Bertolini (*Bergamo - I*)

**Vegetative state and the Italian press**

N. Latronico (*Brescia - I*)

**Discussion & Closing Remarks**

## FACULTY & CHAIRS

Fulvio Aloj (*Pozzilli - I*), Andrea Amadori (*Florence - I*), Aldo Amantini (*Florence - I*), Mauro Barni (*Siena - I*), Maurizio Bernardino (*Turin - I*), G. Bertolini (*Bergamo - I*), Federico Bilotta (*Rome - I*), Enrico Bosco (*Treviso - I*), Fulvio Bruni (*Siena - I*), Riccardo Budai (*Udine - I*), Antonella E. Buscalferri (*Siena - I*), Leonardo Bussolin (*Florence - I*), Paolo Busoni (*Florence - I*), Anselmo Caricato (*Rome - I*), Carlo Alberto Castioni (*Turin - I*), Michele Cavallo (*Ferrara - I*), Alfonso Cerase (*Siena - I*), Arturo Chierogato (*Cesena - I*), Paola Cogo (*Rome - I*), Valeria Conte (*Milan - I*), Alfredo Del Gaudio (*Sgr. Foggia - I*), Stefano Di Bartolomeo (*Udine - I*), Pier Giorgio Fabbri (*Palermo - I*), Lorenzo Genitori (*Florence - I*), Pierpaolo Giomarelli (*Siena - I*), Flavio Giordano (*Florence - I*), Giovanni Gordini (*Bologna - I*), Angelo Gratarola (*Genoa - I*), John Hartung (*New York - USA*), Petra Huppi (*Geneve - Ch*), Roberto Imberti (*Pavia - I*), Paola Innocenti (*Florence - I*), Eberhard F. Kochs (*Münich - D*), Nicola Latronico (*Brescia - I*), Enrico Lauti (*Bari - I*), Luca Longhi (*Milan - I*), Lorenzo Lubatti (*Milan - I*), Carla Maglione (*Naples - I*), Paolo Malacarne (*Pisa - I*), Valeria Marinò (*Pozzilli - I*), Giuseppe Martini (*Siena - I*), Pietro Martorano (*Ancona - I*), Luciana Mascia (*Turin - I*), Anna Teresa Mazzeo (*Messina - I*), Francesco Muzii (*Siena - I*), Giuseppe Nardi (*Rome - I*), Lorella Nardin (*Treviso - I*), Paolo Navalesi (*Novara - I*), Giuseppe Oliveri (*Siena - I*), Carlo Ori (*Padua - I*), Lucio Palma (*Siena - I*), Vito Aldo Peduto (*Perugia - I*), Manuela Pellegrini (*Ferrara - I*), Domenico Pietrini (*Rome - I*), Francesco Procaccio (*Verona - I*), Rocco Quatrone (*Mestre - I*), Francesco Rasulo (*Brescia - I*), Paolo Roncucci (*Livorno - I*), Alessandro Rossi (*Siena - I*), Gian Maria Rossolini (*Siena - I*), Francesco Sala (*Verona - I*), Vinicio Serino (*Siena - I*), Franco Servadei (*Parma - I*), Giovanni Sesana (*Milan - I*), Miran Skrap (*Udine - I*), Rita Stefani (*Rome - I*), Agnese Suppej (*Padua - I*), Carlo Tascini (*Pisa - I*), Simona Vergna (*Florence - I*), Cesare Vittori (*Siena - I*), David S. Warner (*Durham - USA*), Alessandro Zalaffi (*Siena - I*), Ettore Zei (*Siena - I*), Roberto Zoppellari (*Ferrara - I*)

# SCIENTIFIC INFORMATION

## **CME (only for Italian participants)**

The Italian Ministry of Health CME (Continuing Medical Education) accreditation has been applied for the Congress for:

**medical doctors**

**nurses**

Please note that in order to obtain CME credits, Italian participants must attend all scientific sessions and return the questionnaire and evaluation forms duly filled in and signed to the Secretariat desk at the end of the Meeting

## **CALL FOR ABSTRACTS**

We are pleased to invite you to submit abstracts to be considered for Oral presentation at the ANM 2011

The abstract submission deadline is set for March 1st 2011

Abstracts received after the deadline will not be accepted

Abstracts can be submitted via email only

Please send your abstract via email to: [public@annualneuromeeting.it](mailto:public@annualneuromeeting.it)

Authors will be notified regarding Abstract acceptance. Accepted abstracts will be published on E-Cards & Webs

Should you wish to amend an abstract after submission please contact the Organizing Secretariat

## **ORAL ABSTRACTS SESSION & YOUNG INVESTIGATOR AWARD 2011**

An award, supported by The DANTE Association, will be given at the 2011 meeting for the outstanding abstract submitted by a junior member of the society (student, resident, or fellow). The recipient is expected to attend the Annual Neuro Meeting. The nominee will receive a Euro 800,00 grant to present their 10-minute case on Friday 6, May 2011. Case summaries (no more than 500 words) may be submitted by a junior member (student, resident, or fellow) to [public@annualneuromeeting.it](mailto:public@annualneuromeeting.it) by April 30, 2011

## **ABSTRACTS OF INVITED SPEAKERS**

Invited speakers will receive a special request for submission of abstracts, and are requested NOT to use the regular email of the 11th Annual Neuro Meeting

## **ATTENDANCE CERTIFICATES**

Attendance certificates will be delivered on request to all registered participants at the end of the Meeting

# GENERAL INFORMATION

## VENUE

Teaching Centre, Hospital Policlinico "Santa Maria alle Scotte"

Viale Mario Bracci, 16 - Siena - I

Website: [www.ao-siena.toscana.it](http://www.ao-siena.toscana.it)

## LANGUAGE

The official languages of the ANM 2011 will be English and Italian. Simultaneous translation will be provided only during Guest Lectures

## HOW TO GET TO SIENA

BY CAR:

if you come from North and South Italy:

- Motorway A1 "Milan-Rome", exit "FIRENZE CERTOSA"
- Freeway "Firenze-Siena", exit "SIENA NORD"
- Follow the directions for Hospital Policlinico "Santa Maria alle Scotte"

For any further information: [www.autostrade.it](http://www.autostrade.it)

BY PLANE:

International airport "Leonardo Da Vinci" of Florence (60 km from Siena)

[www.aeroporto.firenze.it](http://www.aeroporto.firenze.it)

International airport "Galileo Galilei" of Pisa (60 km from Siena)

[www.pisa-airport.com](http://www.pisa-airport.com)

BY TRAIN

Railway Station: **Siena**

For any further information: [www.trenitalia.it](http://www.trenitalia.it)

## PARKING

A multistorey car parking is available near the Meeting Venue in the Hospital area

## MOVING IN SIENA

The city centre and the General Hospital "Santa Maria alle Scotte" are linked by a bus service every 15 minutes; the journey takes approx. 10 minutes, including a stop at the railway station

## EXHIBITORS

The exhibits will be held outside the Aula Magna, near the meeting session

### EXHIBIT HOURS:

Thursday, May 5 2:00 p.m. - 7:30 p.m.

Friday, May 6 8:00 a.m. - 7:30 p.m.

Saturday, May 7 8:00 a.m. - 5:00 p.m.

## INSURANCE

The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss or damage to private property of participants, students and accompanying persons, either during or indirectly arising from the ANM 2011. Participants should make their own arrangements with respect to health and travel insurance

## WEATHER

In May the weather in Siena is usually very pleasant and mild. The temperature rises during the day to an average of 16-20° C

## CURRENCY

The official currency in Italy is the Euro

## CREDIT CARDS

Major credit cards are accepted by hotels, shops and restaurants

## SMOKING POLICY

In line with Italian legislation, it is prohibited to smoke inside the Congress Centre

## ORGANIZING SECRETARIAT

key

congress&  
communication

Via Makallé, 75 - 35138 Padova - I  
Tel. +39 049 8729511 - Fax +39 049 8729512  
E-mail: [anm2011@keycongress.com](mailto:anm2011@keycongress.com)

# REGISTRATION

	Before March 20 <sup>th</sup> 2011	After March 20 <sup>th</sup> & on site
◦ Delegate	€ 220,00 (VAT 20%incl.)	€ 280,00 (VAT 20% incl.)
◦ Trainees, Nurses, Medical professionals	€ 120,00 (VAT 20% incl.)	€ 180,00 (VAT 20% incl.)
◦ GdS Neuro-SIAARTI Members <sup>(1)</sup>	complimentary	complimentary
◦ Social dinner <sup>(2)</sup>	€ 40,0	€ 40,0

(1) GdS Neuro-SIAARTI Members please provide a copy of the membership fee paid for the current year.

(2) Participation limited to the first 150 participants

All registration fees are quoted in Euro and includes 20% VAT  
Registration will only be processed if payment is made in full.  
Registrations for single days are not available.

## Registration fee includes:

- Admission to all scientific sessions
- Congress kit with Final Programme, E-card with all 2010 and 2011 abstracts, Certificate of Attendance
- Breaks
- Opening Ceremony

## SPECIAL REDUCTION

Where two delegates from the same institution have two fully paid registration fees, they are entitled to register free-of-charge one student/trainee/physician aged under 35 from the same institution. This Special Reduction is limited to the first 20 applications.

## METHOD OF PAYMENT

Payment should be made by one of the following methods:

### 1. by Credit Card

The following credit cards will be accepted: VISA, MASTER CARD.

Please enter the credit card number and expiry date in the appropriate space on the registration form.

### 2. by Bank Transfer

Bank transfer payable to: KEY CONGRESS Srl - ANM 2011  
IBAN CODE IT 67 K0307 81210 000 000 000 0239  
BIC SWITH BAIBIT 22

Please send a copy of your bank transfer together with your registration form

Bank transfers will not be allowed after April 30, 2011

## CONFIRMATION OF REGISTRATION

You will receive written confirmation of your registration by the Organizing Secretariat.

### **NAME CHANGES**

Individuals may only change places with one another in exceptional cases.

Written permission from the original participant will be required in order to process an individual name change.

### **CANCELLATION POLICY**

Notification of cancellation must be sent in writing to the Organizing Secretariat.

Cancellations will be accepted until April 1, 2011 with a refund of all prepaid fees, except for a 30% administration charge.

No refunds will be made for cancellations received after this date.

### **IMPORTANT!**

Reduced registration fee will be granted when early registration is accompanied by payment and received before the deadline stated.

**Pre-registration will be accepted until April 30, 2011;** thereafter, only on-site registration will be accepted.

## **HOTEL ACCOMMODATION**

The Organizing Secretariat has negotiated very special rates with several 3\* and 4\* hotels in Siena. Please contact Key Congress at the following e-mail address [booking@keycongress.com](mailto:booking@keycongress.com) in order to get accommodation proposals and secure your booking.

# ACKNOWLEDGEMENTS

The Annual NeuroMeeting and the DANTE Association gratefully acknowledge educational grants in support of this activity from:

[WWW.ANNUALNEUROMEETING.IT](http://WWW.ANNUALNEUROMEETING.IT)