

2nd International Conference

DONARTE 2023

DOnation and Art: Nicholas And Rolly Testimonials

Bridging knowledge gaps in organ donation and transplantation

*Themes: Preventing Brain Death, Preventing Organ dysfunction,
Preventing primary graft dysfunction*



Messina, 29 September - 1 October 2023
Aula Magna Rettorato, University of Messina, Sicily, Italy



We are pleased to invite you to attend the II International Conference DONARTE 2023, organized by the Departments of Anesthesia and Intensive care at University of Messina (Sicily, Italy).

DONARTE 2023 will be held in Messina for 3 days, from September 29th (Friday) to October 1st (Sunday).

Venue is the Aula Magna of Rettorato, at University of Messina.

The Congress will compare the world's leading experts in organ and tissue donation and transplantation and will contribute to bridge the gap in knowledge on this important clinical and research arena.

According to the Global Observatory on Organ Donation and Transplantation, almost 150.000 solid organ are transplanted annually. However, it is estimated that this represents less than 10% of global needs. Long periods on the waiting list for organs may result in patients deteriorating or dying before transplantation.

This calls for effective measures to implement organ donation and transplantation, and gathering together for scientific discussion and sharing experiences will help in this direction. In addition, various workshops/simulations will be planned so that young researchers who will lead the future can exchange and study internationally.

DONARTE 2023 is an innovative and unique opportunity where Science and Art will merge. The love for knowledge and the power of art will be the inspirational leitmotiv of the Congress. Donation itself is an art which requires courage, awareness, and generosity.

This international conference takes its name from two kids that we want to honor: Nicholas Green and Rolly Prajapati. Donation and Art: Nicholas and Rolly Testimonials. Nicholas Green was the seven-year-old American boy shot in an attempted robbery on the Salerno to Reggio Calabria highway on September 29th, 1994, and died two days later, October 1st in Messina. Nicholas' organs and corneas were donated to seven very sick Italians. In the following ten years organ donations in Italy tripled. Twenty-eight years later, Rolly Prajapati, a six-year old Indian baby girl has been victim of a similar event, being shot dead on 27th of April 2023, in Noida UP, India, and her family consented to donate her organs when she was declared brain dead on 30th April, 2023. As in Italy, organ donations did increase in New Delhi after Rolly case.

The Conference will welcome Anesthesiologists, Intensivist, Transplant surgeons, Neurologists, Neurosurgeons, Pediatricians, Emergency physicians, Transplant Organizations, Clinicians, Researchers & Scientists, Practitioners, Nurses, Industry professionals and other healthcare experts.

Your participation and contributions to scientific discussions of different perspectives and approaches will make this event unique, and help in creating awareness/promotion of organ donations in countries having unmet needs for organs despite high number of potential donors.

Looking forwards to welcome you in the enchanting territory of the Strait of Messina at the end of September, in a month when the weather is going to be just perfect for you.

Anna Teresa Mazzeo, Antonio David, Deepak Gupta

Ladies and Gentlemen, Organ donation is still regarded by the general population all over the world as remote, even mysterious. And, yes, it is true that to take the body parts of someone who has just died and put them in the bodies of people who are dying and get out of that mixture several healthy people is without doubt a medical miracle. But the gathering together here of such an impressive combination of talents, experience and vision is proof that transplantation is not on the fringes, but at the center, of modern medicine.

It also produces personal stories with an emotional power among the greatest in human experience as life comes out of death, stories that can capture the imagination of ordinary people everywhere, and take transplantation from a mystery to an inspiration and organ donation from a fear to a privilege. May I wish this conference all the impact it deserves in bringing these lessons to both the world at large and to medical professionals in particular. Let me add my heartfelt thanks to the team led by the unstoppable Dr. Mazzeo and the tireless Professor Gupta for the way they have given these concepts such a powerful platform.

Thank you

Reg Green

Honorary President:

Reginald Green
*Nicholas Green Foundation,
USA*

Presidents:

Prof. Anna Teresa Mazzeo
*Chief of Anesthesia Unit, AOU Policlinico
Gaetano Martino, Associate Professor
of Anesthesia and Intensive Care,
University of Messina, Messina, Italy*



Prof. Antonio David
*Chief of Intensive Care Unit, AOU
Policlinico Gaetano Martino Professor
of Anesthesia and Intensive Care,
University of Messina, Messina, Italy*



Prof. Deepak Gupta
*Professor of Neurosurgery, All
India Institute of Medical Sciences
and Associated JPN Apex Trauma
Centre, New Delhi, India*

Scientific Secretary: Anna Teresa Mazzeo.

Members of Scientific Committee: Antonio David, Deepak Gupta, Massimo Cardillo, Antonio Arcadipane, Giuseppe Magazzù, Francesco Procaccio, Maria De Pasquale, Vincenzo Fodale, Alberto Noto, Luigi Cardia, Vincenzo Francesco Tripodi, Francesco Puliatti, Olivia Penna, Antonino Randazzo, Pasquale Vazzana, Enza La Monaca, Giuliana Mazzeo, Salvatore Micalizzi, Antonello Neri.

Artistic Events Committee. Artistic Program co-organized by Comune di Messina: Alessandra Calafiore, Maria Rita Giordano, Michele Amoroso, Rachele Gerace, Maria Francesca Tommasini, Marco Sparacino, Ettore Calabrò, Gabriele Celeste, Adriana Cordalonga, Angela Elvira Serranò, Alberto Zozzo, Rosalia Campanella, Silvana Currò, Ivan Alonge, Tiziana De Salvo, Giuliana Mazzeo, Vincenzo Francesco Tripodi, Anna Teresa Mazzeo.

Art Award Jury: Giuseppe Giordano, Caterina Di Giacomo, Richard B. Woodward, Simone Calì (Figurative Arts); Maria Florinda Minniti, Maria Francesca Tommasini, Flavia Vizzari (Literary arts).

Official Language:

English

Congress Venue

Aula Magna Rettorato, University of Messina
Piazza Pugliatti, 1 - 98122 Messina
Italy

ECM credits:

Provider: Symposia Srl

Event ID: 391311

Credits awarded: 15

Accredited for 100 participants

Friday **29 September** 2023

08:00 - 08:30 Registration

Pre-conference Workshops

(Aula Magna, Aula Commissioni, Aula Senato, Aula Cannizzaro, Aula Ex Chimica, Aula Silvestri)

08:30 - 12:30 **Simulation and Training in Organ Donation and Transplantation**

Coordinators: Vincenzo Francesco Tripodi, Luigi Cardia, Antonello Neri

Scenarios (Six stations to rotate): Duration 30 min each station.

1) Diagnosis of death. Determination of death by neurological criteria in adults and pediatric patients.

When do I need ancillary tests? How to perform Apnea test? Documentation. (Aula Magna)

Thomas Nakagawa (USA), Takashi Araki (Japan), George Nita (UK), Alfredo Conti (BO), Enzo Marando (ME), Pasquale Capua (ME), Teresa David (ME)

Residents: C. Arena, R. Messina

2) Pathophysiological changes at the moment of brain death and their management.

Donor management goals. Protective mechanical ventilation. Pediatric challenges. (Aula Cannizzaro)

Deepak Gupta (India), Salvatore Micalizzi (ME), Giuliana Mazzeo (ME), Enza la Monaca (ME), Sabrina Giusto (ME)

Residents: A. Franzè, D. La Speme, L. Luppino, F. Sorrenti

3) ECMO. DCD programs. Ex Situ Machine Perfusion. (Aula Ex Chimica)

Vito Fanelli (TO), Giovanni Lino (PA), Franco Saporito (ME), Francesco Patanè (ME), Silvio Tommasini (ME), Mariacristina Vadalà (ME),

Residents: S. Calanbrogio, G. Cusumano, R. Giofrè, I. Napoli

University of Messina

4) Communication in the ICU. Breaking bad news. (Aula Senato)

Sara Mascarin (RM), Nuria Masnou (Spain), Mehmod Helmi Saedon (UK), Maria De Pasquale (ME), Raffaella Mallamace (ME)

Residents: L. Fausto, M. Sparacino

5) Novel way of communicating Science through Expression and Movement.

Formatting and writing a press release for your event. (Aula Commissioni)

Sunil Shroff (India), Pranitha Kamat (Zurich), Viola Edward (Cyprus), Hatice Ozalp (Cyprus), Roberto Ianni (ME), Alessia Bartolotta (ME)

Residents: S. Lanza, S. Grasso

6) Implementation of programs for cornea donation and transplantation. (Aula Silvestri)

Gary Jones (VE), Umberto Camellin (ME), Salvatore Leonardi (ME), Lorenza Mazzeo (ME), Antonio Amato (ME), Pasquale Vazzana (ME)

Residents: R. Minasi, M. Foti, E. Calabrò

10:30 - 11:00 Coffee break

11:00 - 12:00 **Round Table. Brain storming on Organ Donation as Key Objective of Hospital. National Transplant Center Director meets Hospital's Operators. (Aula Accademia Peloritana dei Pericolanti)**

Coordinators: Giorgio Battaglia, Vincenzo Mazzaresse, Antonio Scafidi (CRT, Regional Transplant Center),

Francesco Puliatti (Local Coordinator, ME), Olivia Penna (Local Coordination Representative, ME)

Interventions by Director National Transplant Center (CNT), Hospital Medical Directors, Sicilian Local Coordinators, Foreign Countries Transplant Centers, *and by Representatives from all time-sensitive pathways of the City hospitals:* Hospital Directors, Emergency Medicine, Anesthesia and Intensive Care, Cardiology, Cardiac Surgery, Thoracic surgery, Neurosurgery, Neurology, Pathologists, Laboratory management, Radiology, Medico-legal, Psychology, Pediatrics and Neonatology, Ophthalmology, Cystic Fibrosis, and the Associations.

12:30 - 13:30 Lunch Break

14:00 - 14:30 **Inauguration Ceremony (Aula Magna Rettorato)**
 Authorities Welcome. Message from Reginald Green (USA)

14:30 - 16:30 **Section 1. Mission: Preventing acute brain injury.** (15 min each)
 Moderators: *Antonio David, Deepak Gupta, Anna Teresa Mazzeo*

- Neurotrauma Care: A Worldwide Perspective. *Franco Servadei (MI)*
- Preventing brain death: the risks of unnecessarily pessimistic outcome expectations. *Andrew Maas (Belgium)*
- Determining death. Understanding principles of neurologic and circulatory death. *Thomas Nakagawa (USA)*
- Models of organ donation management. *Marti Manyalich (Spain)*
- Update on Donation and Transplantation program in Italy. *Massimo Cardillo (RM)*
- Healing for the Healers. *Mahesh Karandikar (India)*

17:00 - 24:00 **MEDNIGHT Mediterranean Night of Researchers at University of Messina**

Saturday 30 September 2023

University of Messina

08:30 - 10:00 **Section 2. Mission: Preventing organ deterioration in the ICU.** (12 min each)
 Moderators: *Massimo Cardillo, Franco Servadei, Deepak Gupta, Flavio Angileri, Massimo Cardali*

- New Insights on TBI from the CENTER-TBI studies. *Andrew Maas (Belgium)*
- Organ donation from children with abusive head trauma, its pathology and discussion. *Araki Takashi (Japan)*
- Circuitry of Awareness and wakefulness. A Neurosurgical perspective. *Alfredo Conti (BO)*
- Tricks and pitfalls in EEG monitoring. *Angelo Labate (ME)*
- Devastating brain injury and end of life decisions in neurocritical care. *Carlo Alberto Castioni (BO)*
- Key factors in the management of DBD and DBD-like donors as part of the end-of-life in ICU. *Francesco Procaccio (VR)*
- ICOD: Intensive care to facilitate organ donation. *Nuria Masnou (Spain)*

10:00 - 10:30 **Coffee break and Visit the Art Exhibition**

10:30 - 12:00 **Section 3. Mission: Uniting the world with Act of Organ Donation.** (12 min each)
 Moderators: *Marti Manyalich, Francesco Procaccio, Carmelo Romeo, Stefano Agosta*

- UAE Organ Donation and Transplantation System. *Ali Alobeidli (UAE)*
- The UAE Critical Pathway in Organ Donation. *Maria Paula Gomez (UAE)*
- Assessment of Ghana's Intensive Care Units towards Organ Donation and Transplantation. *Samuel Kaba Akoriyea (Ghana)*
- How we are using Art to promote organ donation in India. *Sunil Shroff (India)*
- The importance of organ donation memorial artworks. *Harry van de Bospoort (UK)*

12:30 - 13:30 **Section 4. Empowering DCD programs.** (12 min each)
 Moderators: *Antonio Arcadipane, Antonio Micari, Filippo Benedetto, Giovanni Squadrito*

- Donors after cardiocirculatory death (DCD). *Marti Manyalich (Spain)*
- Appraising the current evidence in managing DCD. *Ajay Sharma (UK)*
- DCD heart in Italy. *Gino Gerosa (PD)*
- Lung-U DCD: organization and management. *Alberto Zanella (MI)*
- DCD program in Sicily. *Gaetano Burgio (PA)*
- What information do journalists want to stimulate their interest in an organ donation/transplantation story? *Irene Carmina (PA)*
- The Good, Bad and Ugly of Social Media for organ donation. *Sunil Shroff (India)*

13:30 - 14:00 **Lunch Break and Visit the Art Exhibition**

14:00 - 15:30 **Section 5. Mission: Saving the heart, saving the lung, in the community, in the ICU, in the recipient.** (12 min each)

Moderators: *Giuseppe Navarra, Gianluca Di Bella, Cristina Lucanto, Gaetano Caramori, Alberto Noto*

- May Informed Health Choices be important? *Giuseppe Magazzù (ME)*
- Exploring new frontiers: Advancements in treatment of Brugada Syndrome Progression. *Vincenzo Santinelli (MI)*
- Miocardial protection in cardiac transplant from donor to recipient: anesthesiologist-intensivist perspective. *Daniela Pasero (SS)*
- Preventing lung injury in the community. *Carlo Vancheri (CT)*
- Protective mechanical ventilation. *Vito Fanelli (TO)*
- Preventing primary graft dysfunction. *Alessandro Bertani (PA)*

15:30 - 18:30 **Section 6. Mission: Saving the kidney, saving the liver, in the community, in the ICU, in the recipient.** (12 min each)

Moderators: *Giorgio Battaglia, Giuseppe Santoro, Savino Borraiccino, Sebastiano Macheda*

- RRT and its implementations from bridge to transplant to organ protection. *Gabriella Bottari (RM)*
- Robotic Kidney Transplantation. *Amit Sharma (USA)*
- Kidney transplantation from living donors. A Necessity or additional resource. *Roberto Cacciola (RM)*
- Robotic Live Donor Nephrectomies. *Amit Sharma (USA)*
- Health economics of organ donation and transplantation. *Lara Gitto (ME), Roberto Cacciola (RM)*
- Preemptive kidney transplant. *Domenico Santoro (ME)*

Liver

Moderators: *Giovanni Raimondo, Eugenio Cucinotta, Iolanda Russo Menna, Antonino Scafidi*

- Strategies to enlarge the donor pool in an area with chronic organ shortage. *Salvatore Gruttadauria (PA)*
- Changing indication to liver transplant. *Silvia Trapani (RM)*
- Machine perfusion: saving livers from the fear of an unsuccessful transplant. *Duilio Pagano (PA)*
- Immunosuppressive therapy and Infectious disease after transplant. *Giovanna Panarello (PA)*

Sunday 1 October 2023

University of Messina

09:00 - 10:30 **Section 7. Mission: Improving organ donor management.** (12 min each)

Moderators: *Eloisa Gitto, Alessio Asmundo, Massimiliano Sorbello, Vincenzo Mazzaresse, Francesco Puliatti*

- Expanding the donor pool: new approaches/strategies/practices. *Nuria Masnou (Spain)*
- Adult donor management. *Deepak Gupta (India)*
- Pediatric donor management. *Thomas Nakagawa (USA)*
- Ethics and challenges in the care of the pediatric patient. *Gabriella Bottari (RM)*
- Visiting the Yogi within. *Mahesh Karandikar (India)*
- How strong is the evidence in support of what we do in DBD organ retrieval? *Ajay Sharma (UK)*

Nicholas Green Anniversary Memorial

Living with my new liver. *Testimonial by Maria Pia Pedala'*

The story of our donation. *The Video of Maestro Nicola Arena at piano*

Testimonial of Family Donor and Recipient

10.30 - 11.00 **Coffee break and Visit the Art Exhibition**

11:00 - 13:00 **New perspectives in organ donation and transplantation** (12 min each)

Moderators: : *Edoardo Spina, Vincenzo Fodale, Agostino Mallamace, Alessandro Meduri, Ettore Panascia*

- The need of Pathologist in the transplant team. *Maria Lentini (ME)*
- Artificial intelligence in Medicine: Advances in organ donation and transplantation. *Iolanda Russo-Menna (USA)*
- Sicilian experience in uterus transplantation. *Pierfrancesco Veroux (CT)*
- Exploring new frontiers: bladder transplant. *Vincenzo Ficarra (ME)*
- What is new in eye banking and cornea transplantation. *Gary Jones (VE)*
- Communication: the essence of life. *Viola Edward (Cyprus)*
- The importance of communication in the Sicilian Region. *Marisa Cottone (CRT Sicily)*

13:00 - 13:30 Conference Closing Remarks. Vote of Thanks.

Social PROGRAM

Art Exhibition at Conference Venue on September 30th and October 1st

Gran Galà Awareness on Organ Donation and Transplantation.

Palacultura Antonello da Messina, Saturday 30 September h. 21.00 (*Free entrance*)

AKORIYEA Kaba Samuel
ALOBIDLI Ali
AMATO Antonio
ANGILERI Flavio
ARAKI Takashi
ARCADIPANE Antonio
ASMUNDO Alessio
BARTOLOTTA Alessia
BATTAGLIA Giorgio
BENEDETTO Filippo
BERTANI Alessandro
BORRACCINO Savino
BOTTARI Gabriella
BURGIO Gaetano
CACCIOLA Roberto
CAMELLIN Umberto
CAPUA Pasquale
CARAMORI Gaetano
CARDALI Massimo
CARDIA Luigi
CARDILLO Massimo
CARMINA
CASTIONI Carlo Alberto
CONTI Alfredo
COTTONE Marisa
CUCINOTTA Eugenio
DAVID Antonio

Ghana	DAVID Teresa
UAE	DE PASQUALE Maria
Italy	DI BELLA Gianluca
Italy	EDWARD Viola
Japan	FANELLI Vito
Italy	FICARRA Vincenzo
Italy	FODALE Vincenzo
Italy	GEROSA Gino
Italy	GITTO Eloisa
Italy	GITTO Lara
Italy	GIUSTO Sabrina
Italy	GOMEZ Maria Paula
Italy	GREEN Reginald
Italy	GRUTTADAURIA Salvatore
Italy	GUPTA Deepak
Italy	IANNI Roberto
Italy	JONES Gary
Italy	KAMAT Pranitha
Italy	KARANDIKAR Mahesh
Italy	LA MONACA Enza
Italy	LABATE Angelo
Italy	LENTINI Maria
Italy	LEONARDI Salvatore
Italy	LINO Giovanni
Italy	LUCANTO Maria Cristina
Italy	MAAS Andrew
Italy	MACHEDA Sebastiano

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Italy	MALLAMACE Agostino
Italy	MALLAMACE Raffaella
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Italy	MARANDO Enzo
Italy	MASCARIN Sara
Italy	MASNOU Núria
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Italy	MAZZEO Anna Teresa
Italy	MAZZEO Giuliana
Italy	MAZZEO Lorenza
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USA	MICALIZZI Salvatore
Italy	MICARI Antonio
India	NAKAGAWA Thomas
Italy	NAVARRA Giuseppe
Italy	NERI Antonello
Zurich	NITA George
India	NOTO Alberto
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Italy	PAGANO Duilio
Italy	PANARELLO Giovanna
Italy	PANASCIA Ettore
Italy	PATANÈ Francesco
Italy	PEDALÀ Maria Pia
Belgium	PENNA Olivia
Italy	PROCACCIO Francesco

Italy	PULIATTI Francesco	Italy
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Italy	ROMEO Carmelo	Italy
Spain	RUSO MENNA Iolanda	USA
Italy	SAEDON Helmi	UK
Italy	SANTINELLI Vincenzo	Italy
Spain	SANTORO Domenico	Italy
Italy	SANTORO Giuseppe	Italy
Italy	SAPORITO Francesco	Italy
Italy	SCAFIDI Antonino	Italy
Italy	SERVADEI Franco	Italy
Italy	SHARMA Ajay Kumar	UK
Italy	SHARMA Amit	USA
Italy	SHROFF Sunil	India
USA	SORBELLO Massimiliano	Italy
Italy	SPINA Edoardo	Italy
Italy	SQUADRITO Giovanni	Italy
UK	TOMMASINI Silvio	Italy
Italy	TRAPANI Silvia	Italy
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Italy	VANCHERI Carlo	Italy
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