

Useful information relating to the School Program

- The times shown refer to the local time in Italy.
- Each day will be fully recorded and will be made available to all students enrolled in the School at a specific link for each morning and each afternoon of each established day.
- The registrations will be available for the entire course of the School, therefore until December 2022, and thereafter for the following calendar year 2023.
- Special notes for the second day; 4.15 pm: *Comparison with the experiences of those enrolled in the School. Speeches by members with moderation by the speakers of the day.* With reference to this talk, the interventions of the students enrolled in the School will be appreciated; 10-15 minutes per intervention can be considered. If members wish to participate, and will obviously be very welcome, they should send their membership at least three to four days before the date set for the second day (May 27).
- Special notes for the eighth day. All students enrolled in the School must send by the first week of November 2022 a clinical case relating to their experience in the NETS, or, alternatively, descriptions of particular instruments in use or of particular organizational structures, or other, at the discretion of the members. All the papers will be carefully evaluated by the school board. Some of these will be proposed for presentation during the eighth day. The choice will essentially be based on the possible general interest that could arise from it. Each member whose paper will be chosen will be contacted for presentation (15-20 minutes). It will also be a very pleasant opportunity to get to know each other, at least remotely. It is mandatory to send your own paper but it will not be mandatory to orally presented it if the member does not like it.

Detailed programme

SAVE THE ORGANIZATION FIRST DAY, APRIL 29, 2022

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| Ore 9,15 | Introduction to the School. Course contents and development. Perspectives | C. Bellini L. A. Ramenghi M. Gente C. Moretti |
| Ore 10 | The NETS in Italy. Report Survey 2019, Neonatal Transport Study Group, Italian Society of Neonatology 15 minutes of interactive commentary | C. Bellini |
| Ore 11 | Comparison between the NETS organization in Italy, Europe and the rest of the World 15 minutes of interactive commentary | M. Gente |
| Ore 12 | Assisted maternal transport in Italy and worldwide 15 minutes of interactive commentary | I. Cetin |
| Ore 13 | Break time | |
| Ore 14 | Perinatal Care Regionalization. Role of the NETS. Italian and international overview 15 minutes of interactive commentary | R. Zanini |
| Ore 15 | Clinical Risk Management and Neonatal Transport 15 minutes of interactive commentary | F.M. Risso |
| Ore 16 | Break time | |
| Ore 16,15 | Clinical Governance in Healthcare Organizations 15 minutes of interactive commentary | R. Spiazzi |
| Ore 17,15 | Nursing activity in NICU and NETS. Which "expertise"? 15 minutes of interactive commentary | S. Serveli |
| Ore 18,15 | End of the day | C. Bellini |

SAVE THE EQUIPMENT

SECOND DAY, MAY 27, 2022

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| Ore 9 | Fitting the Transport Module 15 minutes of interactive commentary | M. Gente |
| Ore 10 | Fitting the Ground Ambulance. Rules, limits and possibilities 15 minutes of interactive commentary | C. Bellini |
| Ore 11 | Neonatal Transport Ventilators. Pneumatic, turbine, high oscillatory frequency and high percussive frequency ventilators 15 minutes of interactive commentary | F.M. Riso |
| Ore 12 | Fitting Monitoring Systems in Neonatal Transport. What to choose and what to discard 15 minutes of interactive commentary | T. Fedeli |
| Ore 13 | Break time | |
| Ore 14 | Carrying oversize Bag or just enough 15 minutes of interactive commentary | G. Sabbia, T. Cinti |
| Ore 15 | Demonstration video relating to the equipment in use at NETS Gaslini (Transport Module and Ground Ambulance) | C. Bellini |
| Ore 16 | Break time | |
| Ore 16,15 | Comparison with the experiences of those enrolled in the School. Speeches by members with moderation by the speakers of the day | Optional module |
| Ore 17 | End of the day. <i>Conclusione della giornata</i> | C. Bellini |

SAVE THE FLIGHT

THIRD DAY, JUNE 17, 2022

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| Ore 9 | Safety in the use of the helicopter by health personnel 15 minutes of interactive commentary | G.P. Galli |
| Ore 10 | Current situation of air neonatal transport in Italy 15 minutes of interactive commentary | M. Gente |
| Ore 11 | Air environment. Flight physiology and implications for the newborn. 15 minutes of interactive commentary | R. Bellù |
| Ore 12 | Prevention of complications during the air transfer of the newborn. Nursing role 15 minutes of interactive commentary | D. Ruaro, B. Ricciarelli |
| Ore 13 | Break time | |
| Ore 14 | Advantages and disadvantages of using the ground ambulance vs helicopter and fix-wing airplane. Is it always worth it? 15 minutes of interactive commentary | C. Bellini |
| Ore 15 | Use of the fix-wing airplane for the NETS. Practical and logistical aspects 15 minutes of interactive commentary | M. Gente |
| Ore 16 | Break time | |
| Ore 16,15 | Are all helicopters the same? 15 minutes of interactive commentary | C. Bellini, G.P. Galli |
| Ore 17,15 | End of the day | C. Bellini |

SAVE THE LUNG
FOURTH DAY, JULY 15, 2022

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| Ore 9 | Taylored medicine. Fetal-to-neonatal transition. What is normal and what is not. NETS implications. 15 minutes of interactive commentary | C. Bellini |
| Ore 10 | Main respiratory diseases of the newborn and implications in NETS 15 minutes of interactive commentary | T. Fedeli |
| Ore 11 | Wireless lung US in neonatal transport: really useful or just a fanciful accessory? 15 minutes of interactive commentary | C. Rodriguez-Perez S. Aversa |
| Ore 12 | In-tube or not-tube before transport? Surfactant before or after transport? Pros and Cons 15 minutes of interactive commentary | M. Gente |
| Ore 13 | Break time | |
| Ore 14 | Getting into conversation on ever-expanding space. Limits and potential of NIV in transport: when to apply it, when to avoid it. 15 minutes of interactive commentary | C. Moretti |
| Ore 15 | Carrying the blue infant. Take a leap into the dark. How to manage Nitric Oxide, PGE, Oxygen. 15 minutes of interactive commentary | A. Sannia |
| Ore 16 | Break time | |
| Ore 16,15 | Transport of the infant. The Bronchiolitis. Do's and Don'ts 15 minutes of interactive commentary | F. Campone |
| Ore 17,15 | Useful procedures for dealing with RDS in transport. Explanatory videos 15 minutes of interactive commentary | T. Fedeli |
| Ore 18,15 | End of the day | C. Bellini |

SAVE THE BRAIN
FIFTH DAY, AUGUST 26, 2022

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| Ore 9 | Hypoxic ischemic encephalopathy. What to know. 15 minutes of interactive commentary | A. Parodi |
| Ore 10 | But is it always asphyxia? What parameters are really needed to consider activating the NETS? 15 minutes of interactive commentary | D. Minghetti |
| Ore 11 | Brain wireless US before and during transport: solid help or just a redundant frill 15 minutes of interactive commentary | M. Malova |
| Ore 12 | Early Cooling or waiting for aEEG evaluation. Passive Cooling and active Cooling. How to behave? 15 minutes of interactive commentary | M. Gente |
| Ore 13 | Break time | |
| Ore 14 | The management of the newborn with neurological distress waiting for the NETS at the spoke center 15 minutes of interactive commentary | D. Minghetti |
| Ore 15 | Stroke and neonatal convulsions. What must be done in transport 15 minutes of interactive commentary | L. A. Ramenghi |
| Ore 16 | Break time | |
| Ore 16,15 | Transport of the premature infant with hemorrhage and ventricular dilatation. Only when it is stable or even if it is unstable? 15 minutes of interactive commentary | A. Parodi |
| Ore 17,15 | End of the day | C. Bellini |

SAVE THE HEART

SIXTH DAY, SEPTEMBER 27, 2022

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| Ore 9 | How to identify the presence of malformative heart disease. Limits of diagnosis in transport. Wireless US: a good friend who can help us? 15 minutes of interactive commentary | G. Tuo |
| Ore 10 | Carrying a newborn with heart disease. As the surgeon would like the baby to not arrive. What to do, what not to do. 15 minutes of interactive commentary | F. Pugnoloni |
| Ore 11 | Peculiarities of the brain of a newborn with heart disease: only a delay in maturation? Implications in NETS 15 minutes of interactive commentary | L. Ramenghi |
| Ore 12 | The newborn not following the beat. Infant Rhythm Disorders: Implications in NETS 15 minutes of interactive commentary | A. Siboldi |
| Ore 13 | Break time | |
| Ore 14 | Neonatal infections and septic shock, a topical issue. Transport implications 15 minutes of interactive commentary | F. Catani |
| Ore 15 | Covid-19 pandemic and NETS 15 minutes of interactive commentary | M. Gente |
| Ore 16 | The placenta in motion: added value of transferring the placenta linked to neonatal transport 15 minutes of interactive commentary | F. Buffelli |
| Ore 17 | End of the day | C. Bellini |

SAVE AND PREVENT

SEVENTH DAY, OCTOBER 21, 2022

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| Ore 9 | Surgical pathology of the newborn: prenatal diagnosis is the best ally of NETS 15 minutes of interactive commentary | D. Paladini |
| Ore 10 | NETS and wall defects 15 minutes of interactive commentary | M. Gente |
| Ore 11 | Airway malformations of the newborn. How to cope in an emergency 15 minutes of interactive commentary | M. Torre |
| Ore 12 | Transporting the newborn with diaphragmatic hernia 15 minutes of interactive commentary | I. Capolupo |
| Ore 13 | Break time | |
| Ore 14 | ECMO indications in the newborn 15 minutes of interactive commentary | S. Pezzato |
| Ore 15 | Logistics of neonatal transport in ECMO 15 minutes of interactive commentary | A. Moscatelli |
| Ore 16 | Break time | |
| Ore 16,15 | Experimental proposal of NETS network relating to inherited metabolic diseases of the newborn 15 minutes of interactive commentary | B. Hugonin Rao |
| Ore 17,15 | The transport of the twins. What to do and what to avoid. 15 minutes of interactive commentary | C. Bellini |
| Ore 18,15 | End of the day | C. Bellini |

THE FELLOWS' DAY
EIGHTH DAY, NOVEMBER 25, 2022

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| Ore 9 | Introduction to the day | C. Bellini |
| Ore 9,15 | Collective discussion of clinical cases proposed by students enrolled in the School. The moderation will be entrusted to teachers of the School. Active interventions by members will be foreseen | Various Authors enrolled in the 2022 School |
| Ore 13 | Break time | |
| Ore 14 | Collective discussion of clinical cases proposed by students enrolled in the School. The moderation will be entrusted to teachers of the School. Active interventions by members will be foreseen | Various Authors enrolled in the 2022 School |
| Ore 16 | Break time | |
| Ore 16,15 | Presentation of explanatory videos on the main useful maneuvers during NETS 15 minuti di commento interattivo | T. Fedeli |
| Ore 17,15 | Practical aspects of the team's response measures in case of NETS malfunction Aspetti pratici dei provvedimenti di risposta del team in caso di malfunzionamento dello STEN | M. Gente |
| Ore 18,15 | End of the day | C. Bellini |

SAVE THE ART OF TRANSPORT
NINTH DAY, DECEMBER 12, 2022

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| Ore 14,30 | Final balance of a School year | C. Bellini |
| Ore 15 | The dark side of transportation: the hidden part that cannot be taught | C. Bellini |
| Ore 16,30 | Free speeches of greetings of the students enrolled in the School | |