

JIVD-ERCA

March 6-8, 2025

Palais des congrès, Lyon

Preliminary
Programme

Organised by:



Pre-congress courses which will be held on Thursday morning to be announced soon.

PROGRAM

THURSDAY, MARCH 6TH

13:00 - 13:50

Live Streaming

Opening Session

Welcome Message

Chairs: Kathleen GRANT, Jean-Paul JANSSENS

Speakers: Organising committee

- Pickwick, polio & pandemics: the history of mechanical ventilation and future challenges presented by home delivery

Speaker: Anita SIMONDS

14:00 - 15:30

Chronic Care

Plenary session:

Community care perspective

Chairs: Anne-Louise KLEIVEN, Jean-Paul JANSSENS

- Round table on management of home mechanical ventilation

Speakers: Jane RODGER, Anda HAZENBERG, Anne-Louise KLEIVEN, Esther Irene SCHWARZ, David ORLIKOWSKI, Pia DREYER, Cristina EMBID, Philippe CHOI

Live Streaming

Chronic Care

Plenary session: Telemedicine

Chairs: Sigurd AARRESTAD, Jean-Christian BOREL

- Telemonitoring in home mechanical ventilation

Speaker: To Be Confirmed

- What do the latest randomised controlled studies add?

Speaker: Jean-Christian BOREL

- E-patients: what do you need to feel comfortable with telemedicine?

Speaker: Antoine LEOTARD

- Teleconsultation in home mechanical ventilation

Speaker: Marieke DUIVERMAN

- Q&A

Chronic Care

Plenary session:

Home mechanical ventilation and daily life

Chairs: Tiina ANDERSEN, Alison ARMSTRONG

- Sexuality in neuromuscular disorders

Speaker: Rui MACHADO

- Travelling with home mechanical ventilation (clinician and patient's perspective)

Speaker: Alison ARMSTRONG

- Pregnancy and chronic respiratory failure under non-invasive ventilation

Speaker: Capucine MORELOT-PANZINI

- Sports and disability

Speaker: Monique MENDELSON

- Q&A

Speakers: All Speakers and Cath GOULDSBROUGH, Carolyn GOULDSBROUGH

Live Streaming

Acute Care

Plenary session: Acute respiratory

failure and invasive mechanical ventilation

Chairs: Paolo NAVALESI, Tom LUNN

- ARDS: state of the art in post pandemic era

Speaker: Lise PIQUILLOUD

- Rescue therapies in acute respiratory failure

Speaker: Tom LUNN

- Monitoring and managing dyspnea in intubated patients

Speaker: Maxens DECAVÈLE

Pediatric Care

Plenary session: Pediatric acute care

Chairs: Alessandro AMADDEO, Nicolas AUDAG

- How to step up and step down

Speaker: Christophe MILESI

- Transition from Pediatric intensive care unit to home

Speaker: Marti PONS

- Long-term stays in pediatric intensive care units

Speaker: Marti PONS

- Bronchopulmonary dysplasia: making the decision between NIV and tracheostomy

Speaker: Mirella GABOLI

16:00 - 17:30

Chronic Care

Plenary session: End of life care

Chairs: Alison ARMSTRONG, Joan-Ramon BADIA

- End of life issues in NIV, managing family and patient expectations

Speaker: Anita SIMONDS

- Invasive ventilation and end-of-life

Speaker: Carla RIBEIRO

- Managing dyspnea in end-stage chronic respiratory failure

Speaker: Capucine MORELOT-PANZINI

- Communication with patients and family during end-of-life care in neuromuscular disorders

Speaker: Debbie FIELD

- Q&A

Live Streaming

Chronic Care

Plenary session: Monitoring long-term NIV (1)

Chairs: Claudio RABEC, Manel LUJAN

- HMV monitoring and care

Speaker: Annalisa CARLUCCI

- Ventilator asynchronies: are they relevant for NIV outcomes?

Speaker: Manel LUJAN

- Detecting residual hypoventilation

Speaker: Marjolaine GEORGES

- New tools in monitoring NIV (Intensive care)

Speaker: Martin DRES

- Q&A

Chronic Care

Plenary session:

Patient's and caregiver's perspectives, home setting : round table

Chairs: H  l  ne PRIGENT, Rebecca d'CRUZ

- Introduction: short literature review covering different disease groups
Speaker: Rebecca d'CRUZ
- Round table: Quality of Life in different disease groups with HMV including parents of children

Speakers: H  l  ne PRIGENT, Rebecca d'CRUZ, Cath GOULDSBROUGH, Carolyn GOULDSBROUGH, Matthieu BONVOISIN, Johann CHAULET

Acute Care

WIN-WEAN!

Chairs: Dominico GRIECO, Andrea LANZA

- Profiling the difficult to wean patient
Speaker: Martin DRES
- Strategies for difficult weaning
Speaker: Maxens DECAV  LE
- Tube removal and transition from invasive mechanical ventilation to non-invasive ventilation
Speaker: Miguel GON  ALVES

Live Streaming

Pediatric Care

Pediatrics: Neuromuscular diseases

Chairs: Alba TORRENT-VERNETTA, Philippe JOUD

- How do you ventilate them?
Speaker: Florian STEHLING
- How have new therapies changed management in SMA?
Speaker: Maria COLS
- How to prevent thoracic deformities?
Speakers: Charlotte THEBAULT, Elsa SCHWARTZ
- How to cope with daily life?
Patient participant: Linnea OTTEM HOLSMTEN
Speaker: Brit HOV

FRIDAY, MARCH 7TH

08:30 - 10:00

Chronic Care

Plenary Session: Training the caregivers

Chairs: Claire SLINGER, Karen WARD

- HMViP website resource
Speaker: Alison ARMSTRONG
- The patient's and caregiver's perspectives and training, personalising training, caregiver training
Speaker: Karen WARD
- Development of carer training videos, use of digital tools, virtual reality training and e-competency documents
Speaker: Anne-Louise KLEIVEN
- Round table
Speakers: All Faculty, Raj KOHL

Live Streaming

Chronic Care

Plenary Session: Invasive Ventilation

Chairs: H  l  ne PRIGENT, Debbie FIELD

- Tracheostomy ventilation in ALS: indications, advantages, disadvantages
Speaker: Pia DREYER
- Differences in long-term outcomes between invasive and non-invasive home ventilation
Speaker: Michael DAVIES
- How to improve speech and swallowing during invasive ventilation
Speaker: H  l  ne PRIGENT
- Enablement of patients with invasive ventilation in the community
Speaker: Debbie FIELD
- Q&A

Chronic Care

Plenary Session: Monitoring Long-term NIV (2)

Chairs: Michelle RAMSAY, Sigurd AARRESTAD

- Role of bicarbonates in follow-up under NIV or as diagnostic tool
Speaker: Jean-Christian BOREL
- New tools in monitoring NIV (Chronic care)
Speaker: Michelle RAMSAY
- What do sleep studies add to ventilator data monitoring?
Speaker: Esther Irene SCHWARZ
- Q&A

Live Streaming

Acute Care

Plenary session: Non-invasive Support

Chairs: Miguel FERRER, Kathleen GRANT

- Choosing our tools wisely: which tool for whom?
Speaker: Jean-Pierre FRAT
- Collaboration Acute - Chronic: what have we learnt?
Speakers: Claudio RABEC, Lise PIQUILLOUD
- Role of multidisciplinary teams in acute care and after
Speaker: Caroline BOTTEAU
- Q&A

Pediatric Care

Palliative and Chronic Care

Chairs: Alessandro AMADDEO, Quentin DE HALLEUX

- Acute Care at home: how far can we go?
Speaker: Claudio CHERCHI
- Ethical considerations for home mechanical ventilation
Speaker: Francesca PETRESCHI
- Is there room for NIV in palliative care?
Speaker: Brigitte FAUROUX

11:00 - 12:30

Chronic Care

Plenary session: Upper airway & NIV

Chairs: Tiina ANDERSEN, Ben MESSER

- Joint assessment of cough and swallowing (including monitoring)

Speaker: Michelle CHATWIN (with the collaboration of Sinead Croghan and Aoife Stone-Ghariani)

- Secretion management (sialorrhea)

Speaker: Ben MESSER

- Upper airway dysfunction & management of LTMV and MI-E (+ monitoring)

Speaker: Tiina ANDERSEN

- How to use NIV to enhance swallowing and speaking

Speaker: Claire SLINGER

- Q&A

Speakers: All faculty, Johann CHAULET, Carer to be announced

Live Streaming

Chronic Care

Plenary session: High Flow Therapy (HFO)

Chairs: Maxime PATOUT, Jane RODGER

- HFO and stable COPD: is there a place in the home setting?

Speaker: Kazuma NAGATA

- HFO and chronic respiratory failure: when, how and for whom?

Speaker: Claudia CRIMI

- HFO and NIV or HFO or NIV?

Speaker: Maxime PATOUT

- HFO and acute respiratory failure: when, how and for whom?

Speaker: Jean-Pierre FRAT

- Q&A

Chronic Care

Plenary session: NIV & Rehabilitation

Chairs: Owen GUSTAFSON, Jesus GONZALEZ-BERMEJO

- Ventilatory support in rehabilitation: which device, when & for whom?

Speaker: Javier SAYAS

- Respiratory muscles: assessment and training

Speaker: Rik GOSSELINK

- Barriers and levers to pulmonary rehabilitation

Speaker: Jean-Paul JANSSENS

- Pulmonary telerehabilitation

Speaker: Jean-Christian BOREL

- Q&A

Acute Care

Plenary session:

New insights in non-invasive support in acute care

Chairs: Martin DRES, Malin NYGREN-BONNIER

- Special indications for High Flow in ARF and AOCRF

Speaker: Jean-Pierre FRAT

- Role of different interfaces in ARF

Speaker: Dominico GRIECO

- Defining and managing early and late failure

Speaker: Paolo NAVALESI

- Weaning from NIV

Speaker: Andrea LANZA

- Q&A

Live Streaming

Pediatric Care

Plenary session: Airway clearance in pediatric patients

Chairs: Elsa SCHWARTZ, Brit HOV

- Electrical Impedance Tomography (EIT) with MI-E

Speaker: Enric DEL CAMPO

- Instrumental airway clearance techniques in Cerebral Palsy

Speaker: Charlotte THÉBAULT

- PEP Mask

Speaker: Nicolas AUDAG

- The choice of airway clearance techniques in a clinical setting

Speaker: Brit HOV

14:00 - 15:30

Live Streaming

Chronic Care

Plenary session: Choosing the right device

Chairs: Maxime PATOUT, Andrea LANZA

- Obesity hypoventilation: CPAP vs NIV?

Speaker: Patrick MURPHY

- Neuromuscular diseases: is there a place for CPAP?

Speaker: Antoine LEOTARD

- COPD and OSA (overlap syndrome): CPAP or NIV?

Speaker: Miguel FERRER

- Humidification and aerosol therapy

Speaker: Maxime PATOUT

- Q&A

Chronic Care

Plenary session:

Airway clearance: Mechanical insufflation/exsufflation (MI-E): How we do it

Chairs: Nicole SHEERS, Annalisa CARLUCCI

- MI-E in neuromuscular disorders

Speaker: Matthieu LACOMBE

- MI-E in pediatric patients

Speaker: Brit HOV

- MI-E in challenging cases

Speaker: Miguel GONÇALVES

- MI-E: Patients' perspectives

Speaker: Matthieu BONVOISIN

- Q&A

Speakers: Johann CHAULET, Cath GOULDSBROUGH, Carolyn GOULDSBROUGH

Live Streaming

Chronic Care

Plenary session: NIV in COPD

Chairs: Jesus GONZALEZ-BERMEJO, Owen GUSTAFSON

- Long-term NIV for COPD patients: outcome measurements and results (including HRQL, PROMs, PREMs...)

Speaker: Carla RIBEIRO

- Starting NIV at home in COPD

Speaker: Anda HAZENBERG

- NIV in COPD: in which patients does it not work and what to do about it?

Speaker: Marieke DUIVERMAN

- Initiating long-term mechanical ventilation in hypercapnic COPD: when?

Speaker: Patrick MURPHY

- Q&A

Acute Care Plenary session: Tracheostomy management

Chairs: Emma FORSTER, Paolo NAVALESI

- Organisation and roles of the multidisciplinary team
Speaker: Emma FORSTER
- Common problems encountered with tracheostomies
Speaker: Caroline BOTTEAU
- Strategic decisions and key moments
Speaker: Maxens DECAVÈLE

Pediatric Care Plenary session: Pediatrics invasive mechanical ventilation

Chairs: Quentin DE HALLEUX, Marti PONS

- Technical aspects in tracheostomy
Speaker: Florian STEHLING
- Indications for Invasive HMV and home arrangements
Speaker: Alba TORRENT-VERNETTA
- Tracheostomy : management of secretions, swallowing & speaking
Speaker: Mirella GABOLI

16:00 - 17:30

Chronic Care Plenary session: Choosing the right settings

Chairs: Capucine MORELOT-PANZINI, H  l  ne PRIGENT

- Central sleep apnea: where do we stand with ASV and Cheyne-Stokes breathing management?
Speaker: Sandrine LAUNOIS
- Place and effect of HMV intensity according to etiologies: NMD, CWD?
Speaker: Antoine LEOTARD
- Ventilatory settings: place of volume cycle modes
Speaker: Rebecca d'CRUZ
- Diaphragm pacing in CCHS and spinal cord injury
Speaker: Capucine MORELOT-PANZINI
- Q&A

Live Streaming

Chronic Care Plenary session: Airway clearance (2)

Chairs: Tiina ANDERSEN, Michel TOUSSAINT

- Assessment to initiate airway clearance techniques
Speaker: Neeraj SHAH
- Updated techniques and devices for secretion management according to the disease and advantages in disease management
Speaker: Michelle CHATWIN
- Change of MI-E era: from now on
Speaker: Miguel GON  ALVES
- Sputum rheology: does it matter in airway clearance techniques?
Speaker: Neeraj SHAH
- Q&A

Chronic Care Plenary session: NIV in NMD (1)

Chairs: Anita SIMONDS, David ORLIKOWSKI

- Starting NIV in neuromuscular disorders (NMD): setting? Home?
Speaker: Thomas R  GINAULT
- New drugs on the horizon for NMD
Speaker: Carole VUILLEROT
- Long-term mechanical ventilation in Duchenne's muscular dystrophy. Update on guidelines
Speaker: David ORLIKOWSKI
- Long-term mechanical ventilation in Amyotrophic Lateral Sclerosis: when to start? Early NIV?
Speaker: Michelle RAMSAY
- Q&A

Acute Care Plenary session: Respiratory muscles

Chairs: Ema SWINGWOOD, Maxens DECAV  LE

- Inspiratory effort under different breathing conditions in critically ill patients: ERS statement
Speaker: Ema SWINGWOOD
- Respiratory muscle evaluation
Speaker: Cl  ment MEDRINAL
- Respiratory muscle training
Speaker: Rik GOSSELINK

Live Streaming

Pediatric Care Workshop: Home monitoring in pediatric patients

Chairs: Mirella GABOLI, Enric DEL CAMPO

- Built-in software
Speaker: Sonia KHIRANI
- Telemedicine
Speaker: Sonia KHIRANI
- Monitoring TcCO2
Speaker: Lucie GRIFFON

SATURDAY, MARCH 8TH

08:30 - 10:00

Chronic Care Meet the expert:

PtcCO2: Practical aspects, artefacts, bias, accuracy, instrumental drift...

Chair: Sigurd AARRESTAD

Speaker: Marjolaine GEORGES

Chronic Care Meet the expert:

Mouth Piece Ventilation: Technical and practical aspects

Chair: H  l  ne PRIGENT

Speaker: Michel TOUSSAINT

Live Streaming

Chronic Care Plenary session: NIV in neuromuscular disorders (2)

Chairs: Alison ARMSTRONG, Jean-Paul JANSSENS

- Medical challenges related to prolonged survival of NMD patients
Speaker: Ben MESSER
- Focus on patient and next of kin: NMD patients with learning disability, children of NMD patients under LMTV, patient empowerment
Speaker: Anita SIMONDS
- Challenges of continuous NIV: patients and experts. Round table
Speaker: Esther Irene SCHWARZ

Live Streaming

Acute Care

Plenary session: Early Mobilisation and Rehabilitation: to do or not to do: the jury is still out!

Chairs: Rik GOSSELINK, Owen GUSTAFSON

- Indications, contraindications

Speaker: Clément MEDRINAL

- Techniques and equipment

Speaker: Owen GUSTAFSON

Pediatric Care

Plenary session: Pediatrics Sleep

Chairs: Sonia KHIRANI, Miriam GIARRANA

- Sleep in neurodisabilities

Speaker: Alessandro AMADDEO

- Congenital central hypoventilation syndrome: how do you treat it?

Speaker: Giovanna PAGLIETTI

- How to treat central apnea?

Speaker: Miriam GIARRANA

- Obstructive sleep apnea in neuromuscular disorders

Speaker: Lucie GRIFFON

11:00 - 12:30

Joint Session

Interactive workshop:

Interactive simulation-based training: monitoring during pressure support

Chair: Kathleen GRANT

Speakers: Lise PIQUILLOU, Caroline BOTTEAU

- Invasive Ventilation: Targeting patient protective ventilation
- NIV in Acute Care: predicting NIV failure
- NIV at home : Improving patient compliance

Joint Session

Workshop / Meet the expert:

Decannulation in acute and chronic settings

Chair: Ben MESSER

Speaker: Debbie FIELD

Chronic Care

Workshop: Physiological effects of lung volume recruitment: improving thoracic range of movement

Chair: Nicole SHEERS

Speakers: Matthieu LACOMBE, Sonia KHIRANI, Nicole SHEERS

Live Streaming

Acute Care

Plenary session: Airway clearance

Chairs: Tom LUNN, Clément MEDRINAL

- Cough assessment and factors influencing cough efficacy

Speaker: Nicolas AUDAG

- MIE in Critical Care : physiology, wave form, interpretation, settings and optimisation

Speaker: Ema SWINGWOOD

Live Streaming

Pediatric Care

Plenary session: Transition

Chairs: Alba TORRENT-VERNETTA, Quentin DE HALLEUX

- Transition from Pediatrics to Adult Care

Speakers: Alessandro AMADDEO, Cristina EMBID

13:30 - 14:25

Live Streaming

Closing Session

Message from the organising committee

Speakers: Organising Committee

- Sustainability in Health Care: Plastics and Healthcare: rethinking medical device innovation and disposal in a world addicted to plastic

Chairs: Kathleen GRANT, Alison ARMSTRONG

Speaker: Laura-Jane SMITH

14:30 - 15:30

Live Streaming

Joint Session

Plenary session: Into the Matrix

Chairs: Hélène PRIGENT, Jean-Paul JANSSENS

- How does the analysis of big data help our clinical practice?

Speaker: Jean-Louis PÉPIN

- Artificial intelligence: friend or foe

Speaker: Manel LUJAN

Poster Session

Oral posters presentations

Chairs: Alison ARMSTRONG, Alba TORRENT-VERNETTA, Kathleen GRANT

Speakers: Poster authors

Live Streaming

Acute Care

Plenary session: Bedside monitoring in ICU

Chairs: Ema SWINGWOOD, Joan-Ramon BADIA

- Lung Ultrasound (LUS) in ICU

Speaker: Tom LUNN

- Monitoring respiratory effort & ventilatory distribution during mechanical ventilation: methods old & new!

Speaker: Lise PIQUILLOU

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Abstract submission deadline: November 17, 2024

Organised by:



Technical Secretariat:



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