

## **CARDIOLOGY**

### **TEMATHIC SESSION**

#### **Cardiac Surgery: Peri-operative Monitoring and Care**

Required Hemodynamic monitoring. From basics to advanced.

What is the role of IAB at pre and post operative?

Bleeding control at post operative

Usual decisions at cardiogenic refractory shock management?

### **TEMATHIC SESSION**

#### **Acute cardiac insufficiency**

Epidemiology and Classification

Pharmacological treatment in the acute phase of decompensation

Non-pharmacological treatment: when drugs are not enough by themselves

Interaction of the intensivist with the cardiologist

### **TEMATHIC SESSION**

#### **Care at post Cardiac arrest**

Epidemiology and post-Cardiac arrest prognosis

Pathophysiology and Manifestations of Post-Cardiac arrest Syndrome

Post-Cardiac arrest Hemodynamic Control

Post-Cardiac arrest Neuroprotection

### **TEMATHIC SESSION**

#### **ECMO**

When and what is the most appropriate technique?

How to monitor?

Complications?

When and how to interrupt?

## **SHOCK AND HEMODYNAMIC MONITORING**

### **TEMATHIC SESSION**

#### **Fluid responsiveness**

Pulse pressure fluctuation: Temptations and traps  
How to evaluate noninvasively?  
PVC is dead?  
Is CO measurement essential in the most serious cases?

### **TEMATHIC SESSION**

#### **Markers of tissue supply adequacy at the bedside**

Difference of PCO<sub>2</sub> veno-arterial and Difference PCO<sub>2</sub> v-a / Difference PO<sub>2</sub> v-a  
Peripheral perfusion  
Lactate as a resuscitation guide  
What is the blood pressure target in shock?

### **TEMATHIC SESSION**

#### **Fluid Challenge: We know very little!**

Fluids injection Speed  
Urinary responsiveness in oliguria  
What type of fluid to be infused?  
What is the volume test to be infused?

### **TEMATHIC SESSION**

#### **Hemodynamic management of septic shock**

What are the essential tools for shock monitoring?  
How to integrate hemodynamic variables?  
When to stop fluid replacement?  
The limitations of SvO<sub>2</sub>

### **TEMATHIC SESSION**

#### **Early resuscitation in septic shock**

Do not neglect physical examination!  
Early Fluids or Early vasopressor?  
Balanced Crystalloid versus Saline?  
Early Inotropic  
Transpose: why, when, how much?

### **TEMATHIC SESSION**

#### **Hemodynamic support**

Pulmonary extravascular water  
Ventricular support devices in cardiogenic shock  
Right ventricular dysfunction and pulmonary hypertension  
Low-flow syndrome

### **TEMATHIC SESSION**

#### **The phases of volealization: "from infusing to withdrawing"!**

Rescue: How to do the first replacement?  
Optimization: Sometimes is better not to overdo?  
Stabilization: When we should stop?  
Deescalation: How aggressive should we be in negativation?

## **TEMATHIC SESSION**

### **Heart and lung interaction: practical issues**

To evaluate the volume status

Ventricular dysfunction during weaning

Dynamic responsiveness parameters in spontaneous ventilation

Intra abdominal hypertension

## **TEMATHIC SESSION**

### **Myocardial dysfunction**

Pathophysiology of myocardial dysfunction induced by sepsis

Diastolic dysfunction

What is the best inodilator?

The role of beta-blockers

## **PRO/CON**

**Early resuscitation by targets in septic shock**

## **COLLOQUIUM**

**Controversial in shock?**

**Permissive hypotension, Transfusion, Colloids, Hypertonic solutions**

## **SURGERY**

### **TEMATHIC SESSION**

#### **Goal-directed therapy in perioperative hemodynamic optimization**

Should we do or not?

What are the best goals?

Can Goal-directed therapy prevent postoperative acute kidney injury?

Cost and effectiveness of Goal-directed therapy at perioperative

### **TEMATHIC SESSION**

#### **Complex problems in the surgical patient with no easy answers**

Excessive water or chlorine in the perioperative: which is worse?

The challenge of PICS

Ventilatory strategies for hypoxemia during and after surgery

Gastrointestinal dysfunction after surgery: How can we improve motility?

### **TEMATHIC SESSION**

#### **Priorities for perioperative Care medicine**

What are the best risk stratification tools to use before surgery

Optimal Perioperative Patient blood management

How can we prevent and treat perioperative

Quality of life after oncologic surgeries

What would be an optimum use of ICU resources?

### **COLLOQUIUM**

#### **Sepsis in surgical patients**

## **NURSERY**

### **TEMATHIC SESSION**

#### **Management and Quality: Pillars for essential care processes**

Financial impact of excellence care for critical patient: strategies and tools for identification and a errors reduction at medication administration

Strategies and tools to identification and to reduction of medication administration errors

How to minimize communication asymmetry

### **TEMATHIC SESSION**

#### **SEPSIS: the silent enemy that has been gaining notoriety**

World overview

Approach and care for the adult

Approach and pediatric care

The impact of an organized team

### **TEMATHIC SESSION**

#### **ICU is the place for palliative care**

Models that emerge from the practice of care

Palliative care at neonatal ICU

Team expectations facing the patient at the end of life

Process and care of the probable organ and tissue donor

### **TEMATHIC SESSION**

#### **Tropical diseases: The development of the nursing process in the care of endemic diseases**

Dengue hemorrhagic

Meningoencephalitis caused by yellow fever

Zika e Chikungunya

### **TEMATHIC SESSION**

#### **Differentiated devices: Caring and care dynamics**

Cerebral microdialysis

Artificial heart

ECMO: advances in care

Dialytic processes: Impact on patient outcome

### **TEMATHIC SESSION**

#### **Quality, Effectiveness and Resolutivity: management in times of crisis**

Quality: what is the cost of nursing care to the critically ill patient?

Effectiveness: how to optimize bed and size of the team?

Resolutivity: Are there strategies to optimize flow and resource in Intensive Care?

### **TEMATHIC SESSION**

#### **Caregiving: Management of the Chronically Critically ill Patient**

Who are these patients: critical patient epidemiology

How to manage patient long stay with the team?

Relationship and management with families at long term patients

Promoting de-hospitalization

#### **THEMATIC SESSION**

##### **The multiple faces of care: how I do it**

Assistance to multiple victims

Cancer patient care

Surgical patient care

Neurocritical patient care

#### **COLLOQUIUM**

**ACCREDITATION: How can we make this process feasible?**

#### **COLLOQUIUM**

**BEST PAPER OF 2017**

#### **PRO/CON**

**We need more intensive care beds**

#### **CONFERENCE**

**Goals, results, and numbers: but is the intensive care of the future focused on the patient**

## **INTERNATIONAL NURSERY**

### **THEMATIC SESSION**

#### **World perspectives**

5th World Survey  
Intensive care development worldwide  
Cultural sensitivity in critical care

### **THEMATIC SESSION**

#### **Family focused care**

Placing families at the centre of care: what's the evidence?  
Promoting family centred care in the ICU  
ICU visiting practices that promote person-centred care – an Australian study  
Humanizing intensive care: focus on the patient family and the health team  
Patients' rights in critical care

### **THEMATIC SESSION**

#### **Quality and safety**

Bugs be gone: reducing multidrug resistant organisms in your ICU  
Quality and safety management in ICUs  
Sub-glottal aspiration to reduce VAP  
Pressure injury risk assessment in ICU  
Improvement of quality in intensive care units of level III hospitals  
Medication errors in the ICU: exploring why mistakes happen, and potential strategies to prevent them

### **THEMATIC SESSION**

#### **Nursing management and monitoring**

Upside down you turn me: the when, the why and the how of prone positioning for ARDS patients  
Haemodynamic monitoring  
Haemodynamic monitoring as an indicator of risk control in critically ill patients

### **THEMATIC SESSION**

#### **The unstable ICU patient**

Sepsis management  
Caring for the hemodynamically unstable patient  
Patient with instability in ICU risk factors  
ARDS: audio-visual recumbent Guide  
Serious patient care outside the intensive care unit

### **THEMATIC SESSION**

#### **The ICU nursing workforce**

Addressing burnout in ICU healthcare professionals  
Innovative strategies for critical care nurse transition into ICU: virtual simulation to build competence and confidence; a three country collaboration  
The nurse navigator role in the emergency department: does it improve throughput?  
Conflict management  
Evaluation of nursing competence

## **COLLOQUIUM**

### **Neurological**

Brain trauma management - knock some sense into it

Traumatic brain injury

Care of the patient following traumatic injury

## **COLLOQUIUM**

### **Delirium**

Pain, Agitation, and Delirium-A Guide to Stopping the Carnival of Symptoms

Non-pharmacological approaches to the management of ICU delirium

Delirium in ICU patients - what we need to know and why

## **COLLOQUIUM**

### **Cardiac**

Ventricular assist devices

Cardiac disease in women

## **CONFERENCE**

**End of life care - What you say, when you say it, and how you say it: the importance of communication at end of life**

## **CONFERENCE**

### **World perspectives**

Development of the AFCCN

The ASEAN Mutual Recognition Agreement: Challenge to Critical Care Nursing in the Region

## **CONFERENCE**

Professional Research development

How to get published



## **PHYSICAL THERAPY**

### **TEMATHIC SESSION**

#### **New practices of an old idea**

Diaphragmatic transcutaneous electrostimulation  
ICU manual therapy  
Functional electrical stimulation

### **TEMATHIC SESSION**

#### **How do I do and how are the evidences?**

Functional position at premature neonatal  
Patient mobilization with MV  
NIV after extubation  
MV patient opening airways

### **TEMATHIC SESSION**

#### **Neonatology and pediatrics ventilatory support**

Neonatal CPAP vs. BI-LEVEL  
Weaning and extubation: brazilian reality  
Elevated flow system  
HFOV: Applicability

### **TEMATHIC SESSION**

#### **Sensorimotor stimulation in neonatology**

Behavioral assessment scales: which one to use?  
Multisensory stimulation  
Visual stimulation: evaluation and interventions

### **TEMATHIC SESSION**

#### **Mobility and social reintegration**

Processes and care lines in intensive care as a focus on postoperative functional independence  
Results of mobility in intensive care  
Planning end in physical therapy  
Post-hospital discharge and the intensivist physical therapist

### **TEMATHIC SESSION**

#### **New challenges, great horizons**

The role of physical therapy in palliative care  
High-flow oxygen therapy system in adult patients  
Check list in physical therapy in ICU - daily goals

### **TEMATHIC SESSION**

#### **Classification and functional tests**

What to use?  
How to identify significance?  
Functional goals in ICU

## **THEMATIC SESSION**

### **Ventilatory support**

Controlling and combating asynchrony

Recruit for what and why?

Alveolar protection strategy - how, when and why?

How to facilitate the difficult weaning

## **COLLOQUIUM**

### **Management and Quality**

Which are the specific physiotherapist assignment at ICU?

How to define physical therapy dosage at ICU?

How to measure performance?

Performance results at ICU physical therapy

## **COLLOQUIUM**

### **Physical therapy and mechanical ventilation**

The physical therapist role at MV

The physical therapist role at NIV

Responsibility and ethics

MV - Support or therapy

## **PRO/CON**

**24 hour physical therapy - pros and cons**

## **MANAGEMENT**

### **TEMATHIC SESSION**

#### **PRIMUM NON NOCERE**

Prevent damages at Mechanical Ventilation

Prevent damages at Volume Replacement

Prevent damages with drug interaction

Prevent damages with antibiotic therapy

### **TEMATHIC SESSION**

#### **Security**

Effectiveness X Efficiency

Gap between Learning and Action

Decision Making - Fast thinking X Slow thinking

Err is human - hide too

### **TEMATHIC SESSION**

#### **Burnout and its implications**

Is reality is bigger than we think?

How to prevent it in a cost cutting scenario?

Intra Hospital activities as therapeutic and prophylactic

The moral distress at ICU team

### **TEMATHIC SESSION**

#### **Management of the Intensive Care Unit in your country**

Europe

Asia

USA

Latin America

#### **PRO/CON**

**Guidelines – Useless, indispensable or harmful**

## **INFECTION**

### **TEMATHIC SESSION**

#### **Immunocompromised infection**

Sepsis in immunocompromised patients: diagnosis challenges

Treatment of invasive candidiasis

CMV in critically ill patient: Should we do routine C-reactive protein (CRP)?

Approach of pulmonary infiltrate in the immunocompromised patient

### **TEMATHIC SESSION**

#### **Antimicrobials**

Pharmacokinetics and pharmacodynamics of antimicrobials: what matters to the patient

Antimicrobial Stewardship: How to implement the best policy?

Prescription of antimicrobials in renal failure

Inhaled antibiotics? Can make a difference?

### **TEMATHIC SESSION**

#### **Respiratory infections**

Severe Influenza Infection in ICU

Respiratory disease in HIV patients

From tracheobronchitis to pneumonia

New antibiotics for PAV treatment in the ICU

### **TEMATHIC SESSION**

#### **Infection in Critical Surgical Patient**

Management of ventriculitis pos Neurosurgery: does intra-ventricular antibiotic make a difference?

Intra-abdominal sepsis in the post operative: when the surgeon does not want to approach the focus

Infectious complications in the post operative of cardiac surgery

Infectious complications of transplant at post operative in solid organ: Should antibiotic therapy be based on prior colonization?

### **TEMATHIC SESSION**

#### **Advances in infection in the critically patient**

Pneumonia associated to MV: controversies from Guideline IDSA

Fungal infection in the critically patient

Multidrug-Resistant Gram-Negative Bacterial Infection: How to Treat

Enterobacteria infection resistant to carbapenems: is the double carbapenem the solution?

Immunoglobulin at Sepsis

### **TEMATHIC SESSION**

#### **Infection by Gram negative bacterias**

Is there still room to use polymyxin?

New treatments for enterobacteria resistant to carbapenems

Risk Factors for KPC

When to use antibiotics for continuous infusion?

## **COLLOQUIUM**

### **Critical Patient with fever**

What image methods should be used?

Infections diagnosis of by C. Difficile: C-reactive protein (CRP) really matters?

Non-infectious fever - what are the clues?

Is it necessary to treat fever in the critical patient?

### **PRO/CON**

**We must use procalcitonin to define the time of use of the antibiotic**

## **MULTI**

### **TEMATHIC SESSION**

Are we stepping forward in multidisciplinary?  
Clinical Pharmacy: from support to the therapeutic plan  
Speech Therapy: differentiated look for swallowing  
Why a dental surgeon at ICU?

### **TEMATHIC SESSION**

#### **Critical Patient Nutrition**

Is there room for quality in Nutrition Therapy in time of crisis?  
Results of Multidisciplinary team on nutritional therapy performance at ICU  
Hyperproteic nutritional therapy and critical patient rehabilitation  
ICU nutritional therapy and life quality at discharge from hospital

### **TEMATHIC SESSION**

#### **Advanced Topics in ICU Psychology**

Realistic Simulation: Overcoming Communication Barriers  
Post-ICU discharge care: how psychology can contribute  
Psychopathological pictures in the ICU - what does the multiprofessional team need to know?  
Conflict Management - Dealing with Difficult Relatives

### **TEMATHIC SESSION**

#### **Important aspects of dentistry in sepsis**

Intensive full mouth disinfection: step by step  
From oral infections to ICU  
Sepsis: care of oral lesions as an efficient means of combating it  
Sepsis: maintaining oral health is an important means of prevention

### **TEMATHIC SESSION**

#### **Rational use of antimicrobials: performance of the clinical pharmacist**

Strategies for using early antimicrobials  
Prolonged infusion, when to use?  
Dose Adjustment during Renal Replacement Therapy  
Challenges in antimicrobial monitoring

### **TEMATHIC SESSION**

#### **Advances in Speech Therapy in the ICU**

Framing criteria for speech therapy. How to approach cases of massive aspiration?  
Patient intervention in mechanical ventilation: what to consider?  
Respiratory Muscle Training for treatment of dysphagia in ICU  
Speech and swallowing valve. How, when, and what are the difficulties in adapting?

### **TEMATHIC SESSION**

#### **Post discharge**

Maintenance, prevention and oral adequacy of the critical patient in the ICU at post-discharge  
What to do today to improve tomorrow?  
Nutritional Therapy how to rehabilitate patient  
Contributions of psychology to prevent PICS

## **TEMATHIC SESSION**

### **Clinical and economic impact of the insertion of the different occupations in the ICU**

Impact of the intervention of the dental surgeon on patients in the ICU

Why there is not a clinical pharmacist in my ICU yet?

Nutritionist - Cost or Investment?

## **COLLOQUIUM**

### **Palliative care**

Indication Criteria

How should be the nutritional therapy?

Psychological aspects: patient and family

How to train the team?

## **COLLOQUIUM**

### **Board of directors resolution: covers the real need for critical patient care?**

Nutricionist and Board of directors resolution

Psychology

The clinical pharmacist beyond the support staff

Board of directors resolution and dentistry

## **CONFERENCE**

### **Future ICU from multidisciplinary perspective**

## **CONFERENCE**

### **Management in Intensive Care**

## **CONFERENCE**

### **Conflict management**

## **CONFERENCE**

### **Patient safety**

## **NEPHOLOGY**

### **TEMATHIC SESSION**

#### **Why do patients still die of acute kidney injury?**

Renal perfusion: from macro to microcirculation

Septic AKI: inevitable?

Preventing renal dysfunction after cardiovascular surgeries

Renal substitutive therapy - after all is it precocious or not?

### **TEMATHIC SESSION**

#### **Patients with IRA at ICU: common issues**

Risk scores for IRA? Or (The 6R's of drug induced nephrotoxicity)

How do I manage oliguria?

Hypotension during dialysis: how to prevent and manage?

What is the best dialytic method?



## **NEO**

### **TEMATHIC SESSION**

#### **Pulmonary disorders**

HPPN: up to date

Bronchopulmonary Dysplasia

Viral pulmonary infections

### **TEMATHIC SESSION**

#### **Neonatal Infections**

Guidelines at Early sepsis

Late sepsis: predominant etiological agents and treatment

Neonatal Meningitis

Neonatal Meningitis Sequelae

### **TEMATHIC SESSION**

#### **Renal Disorders**

Neonatal Renal insufficiency

Renal replacement therapy

Approach ways for renal replacement therapy

### **TEMATHIC SESSION**

#### **Clinical and surgical emergency**

When to suspect of neonatal necrotizing enterocolitis (NNE)?

How to treat neonatal necrotizing enterocolitis (NNE)?

When to intervene surgically at neonatal necrotizing enterocolitis (NNE)?

### **TEMATHIC SESSION**

#### **Neonatal Infections**

When suspect of neonatal immunodeficiency?

Inflammatory response in neonatal with SEPSIS

Difficult fungal infection treatment

Zika Virus infection

### **TEMATHIC SESSION**

#### **Neonatal with rerinatal disorders**

Perinatal asphyxia

Hypothermia in the treatment of perinatal asphyxia

How much hypothermia decreases the sequelae of perinatal asphyxia?

### **TEMATHIC SESSION**

#### **Diagnostic by Images**

Intra and Periventricular Hemorrhage

Periventricular Leukomalacia

Echocardiography at HDC

Differential diagnosis in surgical diseases

## **TEMATHIC SESSION**

### **Blood Disorders**

Neonatal Indication of transfusion  
Thrombocytopenia: calculation for platelet use  
Post-transfusion lung injury

## **TEMATHIC SESSION**

### **Neurological Disorders**

Types of convulsions at neonatal and preterm neonatal  
Medication approach  
Complementary exams

## **TEMATHIC SESSION**

### **Hydroelectrode disturbances**

Water overload and its consequences for neonatal  
Sodium and Potassium  
Calcium and Magnesium

## **TEMATHIC SESSION**

### **Neonatal SDR: approach in the delivery room**

The need for surfactant  
Administration techniques

## **TEMATHIC SESSION**

### **Neonatal septic shock**

Clinical and laboratory diagnostic criteria in septic shock  
Guidelines for the approach of septic shock  
Hemodynamic monitoring  
Importance of antibiotic therapy start

## **TEMATHIC SESSION**

### **Nutrition and its peculiarities**

How to feed the newborns in extreme pre-terms: care with milk from milk banks  
How to feed RN with CIUR  
How to avoid cholestasis during treatment with NPP

## **TEMATHIC SESSION**

### **ICU risk scores**

CRIB, SNAPE, SNAPE- PE  
SNAPE II, SNAPE PE II  
PRISM, PIM, PIM II, PELOD

## **TEMATHIC SESSION**

### **Prematureness**

Extreme Prematurity  
Late Prematurity  
Neonatal with Restricted intrauterine growth

## **WORKSHOP**

### **To treat Neonatal pain**

**WORKSHOP**

**Apnea crisis**

**WORKSHOP**

**PICC Crossing**

**Humanization in ICU**

**CONFERENCE**

**ECMO at neonatal cardiopulmonary collapse: Latin America experience**

**CONFERENCE**

**Mechanical Ventilation in Neonatology**

**CONFERENCE**

**Pharmacokinetics and pharmacodynamics of neonatal antibiotics**

## **NEUROLOGY**

### **TEMATHIC SESSION**

#### **Hypothermia and Brain Protection**

Why does hypothermia protect the brain? Experimental Evidences

Summary of Clinical Trials with hypothermia in Neurointensivism

Why does exist difference between experimental and clinical evidences?

Which are the other brain protection forms beyond hypothermia?

### **TEMATHIC SESSION**

#### **Pacient with Stroke at ICU**

Chemical Thrombolysis and/or Mechanical? What logistics is needed?

Stroke Ischemic: When thrombolysis is not possible anymore?

Stroke hemorrhagic and anticoagulant: How to stop the hemorrhage?

After the Clinical Trials, What is the Target of Blood Pressure in Strokes

### **TEMATHIC SESSION**

#### **Intracranial Hypertension**

ICH Everybody needs to be monitored? How to do it nowadays?

Which is the best way of Sedation? Is it always necessary?

What is the role of Decompressive Craniectomy? Show me the evidences!

Is there a sequence of treatment at ICH? Which is it?

### **TEMATHIC SESSION**

#### **Subarachnoid hemorrhage**

Late Neurological Deficit: How to Diagnose Major Causes

Adrenergic Discharge and SH Complications

In the Light of Current Evidence How to Prevent and Treat Vasoospasm?

Clinical Treatment of SH: Focus on Hemoglobin, Glycemia and Seizures

### **TEMATHIC SESSION**

#### **The Brain and Systemic Diseases**

How Systemic Diseases can damage the brain?

How the brain can commit the systemic organs?

Does the patient with severe neurological disease dies from brain or from systemic compromise?

### **TEMATHIC SESSION**

#### **Traumatic Brain Injury**

Post-Traumatic Brain Injury Cerebral Blood Flow and Implications in Treatment

Post-Traumatic Brain Injury swelling and cerebral edema and Implications in Treatment

Monitoring beyond ICP and Cerebral perfusion pressure (CPP)

How to Stop the Sequence of Intracranial Catastrophic Events after TCE?

### **TEMATHIC SESSION**

#### **Multimodal Monitoring of Neurocritical Patient**

Why do we need more and not less neurological monitoring?

What is the best way to monitorize brain oxygenation? Why?

How and why to use ElectroEncephaloGraphic monitoring in the ICU?

Noninvasive neurological monitoring? Is it already a reality?

## **COLLOQUIUM**

**How to organize an ICU for treatment of critical neurologic patient?**

## **COLLOQUIUM**

**How do I monitorize my severe neurocritical patients?**

## **NUTRITION**

### **TEMATHIC SESSION**

#### **Challenges in Nutrition Support**

Persistent Inflammation and Immunosuppression: Nutrition of long-stay patients at ICU

How to preserve the intestinal mucosal integrity?

Nutritional offer in critical patients: new methods and devices

Multiple care to prevent the weakness from ICU

### **TEMATHIC SESSION**

#### **Management at Nutritional Therapy**

Use of assistance goals in nutritional therapy

Management protocols for achieve goal

What is the relation of nutritional intervention and functional outcomes

Process-related barriers to optimal nutritional support

### **TEMATHIC SESSION**

#### **Metabolic and nutritional questions at ICU**

Gastrointestinal insufficiency at ICU

Trophic Feeding, insufficient permissive feeding or complete feeding?

Potential nutritional strategies for muscle mass loss in the begining of gravity

Harm by parenteral nutrition: which macronutrient is the cause?

### **TEMATHIC SESSION**

#### **Nutrition therapy: where are we and where do we want to go?**

Nutrition Screening in ICU - Let's Be Pragmatic

What is quality in nutritional therapy?

Enteral Formulas: what are the minimum formulations to fit nutritional therapy?

Hyperproteic Nutritional Therapy in the ICU: What's Great?

Nutritional strategies to optimize ICU rehabilitation

## **PEDIATRICS**

### **TEMATHIC SESSION**

#### **Ventilation – Strategies**

PEEP titrate  
Until when limit the volume?  
Pressure Delta  
Monitoring

### **TEMATHIC SESSION**

#### **Ventilatory support challenges**

Weaning - with or without protocol  
Predictors index of ventilation failure  
With prolonged ventilation  
Tracheostomy

### **TEMATHIC SESSION**

#### **SEPSIS**

Fluid Volume - how to titrate the volume  
Usefulness of the Vasoactive-Inotropic Score (VIS)  
Dialytic methods  
When to indicate ECMO

### **TEMATHIC SESSION**

#### **SEPSIS**

Immunotherapy  
Antibiotic therapy / Antifungals  
Arboviroses  
Adjuvant therapy

### **TEMATHIC SESSION**

#### **Infection in PICUs**

Related to catheter  
VAP  
Neutropenic enterocolitis  
Challenge in Gram Negative Resistant infections

### **TEMATHIC SESSION**

#### **Ethical Challenges**

Bad news in PICU  
Organ Donation - Indications and contraindications  
Potential Donor maintenance  
Limitation of life support

### **TEMATHIC SESSION**

#### **Sedation, analgesia and Neuromuscular blockage**

Use of Propofol  
Dexmedetomidine x Clonidine  
Neuromuscular blockers  
Strategy in Abstinence and delirium

#### **TEMATHIC SESSION**

Update on Metabolic and Hormonal Support

Caloric and nutritional estimation

Early and late parenteral nutrition

Anabolics

Hormonal changes in stress

#### **TEMATHIC SESSION**

Passin plug in fetus with HDC

Prognostic factors in HDC

CLS (ECMO) en el tratamiento de la hernia diafragmática congénita

#### **TEMATHIC SESSION**

Cardiologic disorders in the Neonatal

Neonatal with persistence of arterial ductus: treatment according to clinical status

Cardiopulmonary Arrest Approach

Rhythm disturbances

Interpretation of electrocardiogram

#### **COLLOQUIUM**

##### **Neurointensivism**

Epilepticus

Treatment of intra-cranial hypertension

Meningoencephalitis

Monitoring

#### **COLLOQUIUM**

##### **Oxygen therapy**

NIV

CPAP

High Flow Cannula

Oxygenation monitoring

#### **PRO/CON**

Recrutamento alveolar

#### **PRO/CON**

Interrupção diária da sedação

#### **CONFERENCE**

ARDS perspectives in Pediatrics

#### **CONFERENCE**

New SEPSIS definitions at Pediatrics

#### **CONFERENCE**

Metabolic Management of Chronic Patients in Pediatrics

#### **CONFERENCE**

Advances in Newborn RDS - New Surfactant Management Techniques



**CONFERENCE**

**End of life at Pediatric ICU**

**CONFERENCE**

**What's New in Newborn Parenteral Nutrition**

**CONFERENCE**

**Catheter infection: biofilm production**

## **RESPIRATORY AND MECHANICAL VENTILATION**

### **TEMATHIC SESSION**

#### **50 years of ARDS**

VILI - how it happens?

How to improve diagnosis?

How to ventilate: Tidal volume, Plateau Pressure e Driving Pressure

Life quality at post ICU

### **TEMATHIC SESSION**

#### **Respiratory Monitoring**

Esophageal balloon - Transpulmonary Pressure

Volumetric Capnometry

Lungs Ultrasonography

Electrical Impedance Tomography

### **TEMATHIC SESSION**

#### **Airways Ventilation at Obstructive Diseases**

NIV How and when?

How to adjust tidal volume and respiratory frequency?

How to adjust PEEP?

Ventilator Weaning

### **TEMATHIC SESSION**

#### **Patient-ventilator asynchrony**

How to detect: Role of the Curves

Lost efforts, what to do?

Asynchronous of flow or cycling, what to do?

What are the dangers of asynchrony?

### **TEMATHIC SESSION**

#### **ARDS Treatment**

Use of prone position

Neuromuscular block

Alveolar Recruitment Maneuvers

ECMO

### **TEMATHIC SESSION**

#### **Heart and lung interaction during MV**

During PEEP recruitment and titration

Respiratory monitoring by Electrical Impedance Tomography

Lung Ultrasonography

### **TEMATHIC SESSION**

#### **Optimization of gas exchanges as protective strategy**

High Flow O2 Catheter

ECMO and CO2 removal

TGI and co-axial ventilation

## **THEMATIC SESSION**

### **Respiratory Muscles**

How to Evaluate

Muscle dysfunction at MV

Role in weaning

## **COLLOQUIUM**

**Mobilization at ICU, when and how to do?**

## **PRO/CON**

**Does spontaneous ventilation induce lung injury?**

## **PRO/CON**

**Driving Pressure Is important in the protective strategy?**

## **SEDATION**

### **TEMATHIC SESSION**

#### **Analgesia at ICU: is there a better pharmacological therapy?**

Analgesia at ICU: is there a better pharmacological therapy?

Is there space for benzodiazepines yet?

Can Propofol be a deleterious drug?

Can Quetamina be safely used at neurocritical patients?

### **TEMATHIC SESSION**

#### **Delirium: Still a problem?**

Is there a best tool for delirium diagnose?

Haloperidol for prevention

The role of dexmedetomidine

Non-pharmacological choices

Sleep quality

### **TEMATHIC SESSION**

#### **Which is the best sedation in special scenarios?**

With the septic patient?

With liver disease?

With neurocritical patient?

With nephropatic?

## **SEPSIS**

### **TEMATHIC SESSION**

#### **Volume replacement at Sepsis: Challenges**

When start the replacement with fluids at sepsis?

Are there differences in the type of fluids?

Fluids: the consequences of excess

When to interrupt the volume replacement?

### **TEMATHIC SESSION**

#### **Sepsis: a Global Problem**

Sepsis: a too high load

How to reduce globally the sepsis lethality?

Investment Return: How to use it to improve the quality?

How to implement sepsis protocol in limited resources countries?

### **TEMATHIC SESSION**

#### **Sepsis controversies at management**

Vasopressor or volume?

Biomarkers: are worth?

Early rehabilitation: is there room?

What is the best vasopressor?

Corticoids: back to prescription?

### **TEMATHIC SESSION**

#### **Sepsis: the relevance of organic dysfunctions**

Gastrointestinal dysfunction

Lactate: Is it really organic dysfunction?

Cognitive dysfunction: what's clinical and experimental

Endocrine-metabolic dysfunction: what is the relevance?

### **TEMATHIC SESSION**

#### **Surviving Sepsis Campaign: What's New?**

What is the role of combined antibiotic therapy?

What has changed in fluid replacement?

What has changed in handling with vasoactive drugs?

Adjuvant Therapy: Is There Something That Works?

### **TEMATHIC SESSION**

#### **Post-sepsis long-term impairment**

Long-term outcomes do we see only the tip of the iceberg?

Neurocognitive dysfunction: what is the impact?

How to prevent chronic organic dysfunction?

Is there a difference in countries with limited resources?

## **COLLOQUIUM**

### **Sepsis: from screening to ICU**

Which is the best screening strategy?

Severity indexes in patients with suspected infection at the emergency room: which is the best?

The role of bundles: it is worth to make a protocol of attendance?

Which is the roll of multiprofessional team?

## **PRO/CON**

**Almost two years later ... Should they be followed?**

## **DEBATE**

### **The use and minuse of qSofa**

An Inadequate Screening Tool

A strategy to better define sepsis

## **TERMINALITY**

### **TEMATHIC SESSION**

#### **Palliative Care in Special Situations - How to do it?**

In the HIV patient

In severe cardiac disease

In the terminal COPD

In old age

### **TEMATHIC SESSION**

#### **Palliative Care at ICU**

Establishing prognosis at ICU

How to improve Palliative Care at ICU?

How to avoid dysthanasia?

### **TEMATHIC SESSION**

#### **Palliative Care - What's New?**

In the palliative treatment of pain

In the approach to Cachexia

In Palliative Rehabilitation

## **TRAUMA**

### **TEMATHIC SESSION**

#### **Hemodynamic Resuscitation in Trauma**

Initial Fluid - Which is better?

Tranexamic Acid - Always or Maybe?

Hemoderivatives Transfusion - How to do it?

Synthetic Hemocomponent Derivatives - What Evidences?

### **TEMATHIC SESSION**

#### **Damage Control - Current Strategies**

Abdomen and pelvis

Resuscitation

And what is the prognosis?

### **TEMATHIC SESSION**

#### **Catastrophes: are we prepared?**

Military experience - what we learned

Brazilian experience

The psychological impact on the care team

### **PRO/CON**

#### **Permissive hypotension in acute hemorrhage**



## **ADDITIONAL ACTIVITIES**

### **TEMATHIC SESSION**

#### **How to train an intensivist and practice Intensive Medicine?**

What is Cobatrice's proposal for the European Union?

Who is the intensivist in Oceania?

How do you train an intensivist in Asia?

Who practices Intensive Care Medicine in Africa?

How do you form an intensivist in Latin America?

Who practices Intensive Care Medicine in Brazil?

### **TEMATHIC SESSION**

#### **Designing the Ideal Study**

Adaptive drawings?

Is Mortality the best outcome?

No to randomized clinical trials!

Randomization in cluster or individual randomization