CARDIOLOGY

TEMATIC 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?

TEMATIC 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

TEMATIC 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

TEMATIC 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 PCO2 veno-arterial and Difference PCO2 v-a / Difference PO2 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 SvO2

TEMATHIC SESSION
Early resuscitation in septic shock
Do not neglect physical examination!
Early Fluids or Early vasopressor?
Balanced Crystalloid versus Salina?
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
TEMATHIC SESSION
The multiple faces of care: how I do it
Assistance to multiple victims
Cancer patient care
Surgical patient care
Neurocritical patient care

COLLOQUIUM
ACREDITATION: How can we make this process feasible?

COLLOQUIUM
BEST PAPPER 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

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

TEMATHIC 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

TEMATHIC 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

TEMATHIC 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

TEMATHIC 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

TEMATHIC 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

TEMAHIC SESSION
New practices of an old idea
Diaphragmatic transcutaneous electrostimulation
ICU manual therapy
Functional electrical stimulation

TEMAHIC 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

TEMAHIC SESSION
Neonatology and pediatrics ventilatory support
Neonatal CPAP vs. BI-LEVEL
Weaning and extubation: brazilian reality
Elevated flow system
HFOV: Applicability

TEMAHIC SESSION
Sensorimotor stimulation in neonatology
Behavioral assessment scales: which one to use?
Multisensory stimulation
Visual stimulation: evaluation and interventions

TEMAHIC 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

TEMAHIC SESSION
New challenges, great horizons
The role of physical therapy in palliative care
High-flow oxygen therapy system in adult patients
Check list in phisical therapy in ICU - daily goals

TEMAHIC SESSION
Classification and functional tests
What to use?
How to identify significance?
Functional goals in ICU
TEMATHIC 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 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 carbapenem: is the double carbapenemic the solution?
Immunoglobulin at Sepsis

TEMATHIC SESSION
Infection by Gram negative bacteria
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 multidisciplinarity?
Clinical Pharmacy: from support to the therapeutic plan
Speech Therapy: differentiated look for swallowing
Why a dental surgeon at ICU?

TEMATHIC SESSION
Critical Pacient 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

TEMAHTIC 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?

TEMAHTIC 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?
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
Patient 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 Vasoespasm?
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

TEMAHIC 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

TEMAHIC 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

TEMAHIC 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 beginning of gravity
Harm by parenteral nutrition: which macronutrient is the cause?

TEMAHIC 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
ADRS 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
TEMATHIC 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?
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

TEMATIC 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?

TEMATIC 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?

TEMATIC 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?

TEMATIC 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?

TEMATIC 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?

TEMATIC 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 role 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