

WFPICCS Newsletter Volume 5 /N°5

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*World Federation of Pediatric Intensive
& Critical Care Societies*

WFPICCS Newsletter

www.wfpiccs.org

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Volume 5/N°5

Editors:

Françoise Martens, Belgium & Bettina von Dessauer, Chile



Message from the President



Prof. Niranjan "Tex" Kissoon
WFPICCS President

Dear Colleagues,

The WFPICCS Executive and Secretariat has been very busy over the past few months. We have embarked on strategic planning for the next few years and this document will be shared with you in the near future.

In addition, we are excited about WFPICCS members becoming vibrant participants in projects for the benefit of the critically ill child across the globe. For instance, we want to hear from those involved in educational activities in various parts of the world who would like to participate in OpenPediatrics; a free-access on-line project dedicated to providing to-date information and interactive communication for health care providers across the globe. You will be receiving requests to participate in various projects and to give us your input and your valuable time.

But there is no need to wait for a request. We know that WFPICCS family members are already involved in educational endeavors worldwide and we want to hear from you. Please contact the member of the WFPICCS Board of Directors for your area to learn more about ongoing WFPICCS activities and opportunities to participate.

We are also pleased to announce that we have appointed a new Editorial Board to our WFPICCS Newsletter which is ably by Bettina and Francoise. We welcome all new members and trust that you will participate vigorously to give your great insight from in various corners of the globe.

Please join me in promoting with enthusiasm the next World Congress in Istanbul, Turkey, May 4 - 7, 2014. Your active participation and sharing of your experiences from across the globe will enhance the final product of this meeting to benefit children worldwide. I look forward to seeing you there.

Warmest regards,

Prof. Niranjana "Tex" Kissoon

WFPICCS President

Vice President, Medical Affairs, BC Children's Hospital and Sunny Hill Health Centre; BCCH and UBC Professor in Acute and Critical Care - Global Child Health; Department of Paediatrics and Emergency Medicine; University of British Columbia; Senior Scientist, Child and Family Research Institute, Vancouver BC, Canada

WFPICCS New Editorial Board Members for the WFPICCS Newsletter

Dear Colleagues,

The newsletter of the WFPICCS is an important tool in our effort to achieve the goal of a communicated "pediatric-intensive-care-world".

News from all over the world are interesting but difficult to get if we lack local contacts.

In Hurghada Egypt, November 2012, the WFPICCS board decided to enhance the support to the newsletter increasing the number of WFPICCS members participating actively as coeditors.

An open call to volunteers round the world went out, 7 members of WFPICCS were accepted: Gerri Sefton, Lokesh Tiwar, Lyvonne Tume, Paula Lister, Riza Dincer Yildizdas, Victoria Samonte and Yuxia Zhang.

The intention is a collaboration to get fresh news from all regions directly from intensive care doctors and nurses.

We welcome them all pleading for a wonderful time working hard for an increasing success, not only for the newsletter but

the entire WFPICCS!

Bettina von Dessauer and Françoise Martens

WFPICCS New Website

WFPICCS now has a new and improved website. We hope that you will enjoy its attractive design and new sections! [Click here](#) to visit our revamped website.

WFPICCS is now on LinkedIn

WFPICCS now has a LinkedIn account, which gives you the opportunity to participate in exciting discussions about pediatric intensive and critical care and to receive up-to-date information in the field. [Click here](#) to visit our LinkedIn page.



Join us on [LinkedIn](#) today and create and develop your network!

7th WORLD CONGRESS ON PEDIATRIC INTENSIVE AND CRITICAL CARE

Save the date!
4-7 May 2014 - Istanbul, Turkey



NEWS FROM EUROPE

PREM 2013

Pediatric Resuscitation & Emergency Medicine
Congress

2-3 May 2013

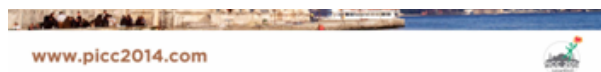
Ghent, Belgium

www.prem2013.be

ESPNIC 2013

24th Annual Meeting of the European Society
Paediatric and Neonatal Intensive Care

12-15 June 2013



The 7th World Congress on Pediatric Intensive and Critical Care is a highly specialized meeting that promises a stimulating, multi-disciplinary programme aimed at providing the latest ideas and information on the care of critically sick children.

With a stimulating blend of cutting edge scientific knowledge and practical better practice techniques, PICC 2014 is aimed at clinicians, researchers, students, managers, educators, allied health professionals and parents with an interest in pediatric intensive and critical care.

PICC 2014 will feature the best and brightest experts from around the world, who will share their compelling analysis and valuable insights.

[Click here](#) to learn more about the 7th World Congress on Pediatric Intensive and Critical Care.

ARTICLES/ RESEARCH

Breast Milk Reduces Risk of Sepsis and Intensive Care Costs in Very-Low-Birth-Weight Infants

Aloka L. Patel; Tricia J. Johnson; Janet L. Engstrom; Louis F. Fogg; Briana J. Jegier; Harold R. Bigger; Paula P. Meier

[Click here](#) to read the article.

Rotterdam, The Netherlands

<http://www2.kenes.com/espnec2013>



European Academy of Paediatrics Educational Congress & MasterCourse (EAP 2013)

19-22 September 2013

Lyon, France

<http://www.eapaediatrics.eu>

NEWS FROM OCEANIA

2013 ANZICS/ACCCN Annual Scientific Meeting

17-19 October 2013

Hobart, Tasmania

<http://www.intensivecareasm.com.au/2013>

[Click here](#) to view the 2013 ANZICS/ACCCN flyer.

Brisbane Royal Children's Hospital Charity Ball

The masquerade themed ball was held in May 2012 at the Victoria Park Golf Complex in Herston, Brisbane, and attended by 170 guests from Children's Health Service nurses, doctors, allied health professionals, executive office staff and friends and families. The ball included dinner and dancing, with live music courtesy of a cover band "Brooksy and Co" (locals may know the band used to play at the Plough Inn at South Bank).

The organisers would like to thank those who assisted in making the event successful: all staff at Victoria Park including Kelly the event coordinator, Trent and his team for the night, the band, Louisa for organising the raffle and all who donated, Alan for his excellent MC qualities, Children's Hospital Foundation for their help with mana-

More “good” in “good cholesterol” when it comes to sepsis!

As further studies link sepsis with low HDL levels, it may provide a way to help triage newborns with a propensity toward neonatal sepsis.

While the body fights an infection, HDL binds and neutralizes the resulting bacterial toxins (LPS and LTA), transporting them to the liver for removal. An insufficient amount of HDL would cause a build-up of toxins in the bloodstream leading to sepsis. Even though HDL level may be satisfactory at baseline, a continued infection could result in depleting the available HDL and triggering the sepsis cascade.

Monitoring the HDL level in a newborn could identify whether the HDL level is too low or dropping from a baseline value. When initial HDL is too low, it could represent a predisposition for neonatal sepsis; when HDL level is dropping, it could indicate the progression of neonatal sepsis. As studies also link sepsis with total cholesterol (TC), a declining TC level likely corresponds to a drop in HDL.

[Click here](#) to read more.

Evolving hypothesis for Cerebral Edema in DKA

Conventional understanding about pathophysiology of cerebral edema in DKA is based on various hypothesis including idiogenic molecules, Na/H transporter activation by insulin on endothelial and brain cell membranes, excess glucose and ketoacids activating cytotoxic and inflammatory cascade etc. It is advised that one should avoid insulin bolus and rapid fluid therapy to prevent rapid fall in osmolality and sugar to avoid osmotic brain cell swelling during DKA therapy.¹ Contrary to conventional understanding vasogenic type of subclinical cerebral edema has been noted in children on neuroimaging during treatment of DKA suggesting role of cerebral reperfusion injury in already

the financial side of things, all staff in PICU and HDU their daily support during the organisation, Alan Flet and Nicki Murdoch for their support and guidance, public affairs team at the RCH for helping us market advertise the event. Thanks also to all who attende raise money for World Federation of Pediatric & Cri Intensive Care Societies (WFPICCS).

Dr Phil Sergeant attended the event on behalf of WFPICCS and thanked everyone for their effort supporting the mission of WFPICCS which is exclus educational, scientific and charitable in nature. It exist find ways of improving the care of critically ill chil throughout the world, and make that knowledge avai to those who care for the children. It arose in 1997 t the vision of several world leaders in the field of Paedic Critical Care who saw the opportunity to cor international expertise, experience and influence improve the outcomes of children suffering from threatening illness and injury. WFPICCS is committed global environment in which all children have acces intensive and critical care of the highest stand WFPICCS, a not-for-profit Federation, continues to t care of critically sick children and their families by reac out and collaborating internationally with pediatric neonatal critical care professionals. www.wfpiccs.org

The charity ball, which raised almost \$4000, was organ by Charlotte Blythe, Paula Mills and Louisa Woolley wh wish to thank their families and friends for their suppor



insulted brain tissue.2

[Click here](#) to read more.

Lokesh Tiwari

NEWS FROM AFRICA

11th Congress of the World Federation of
Societies of Intensive and Critical Care Medicine

28 August -1 Sept 2013

Durban, South Africa

<http://www.criticalcare2013.com/>

There will be a paediatric programme as part of the 11th Congress of the World Federation of Societies of Intensive and Critical Care Medicine, Durban, South Africa.

NEWS FROM ASIA

Criticare 2013 Kolkata (1-3 March 2013)



The 19th annual Congress of the Indian Society of Critical Care Medicine & International Critical Care Congress was organized at Kolkata, India. It provided a perfect opportunity for the pediatric intensive care community to interact with their adult counterparts in the region. Congress saw presentations from more than 200 national and international faculties and



participation of more than 3000 delegates and industry representatives. Pediatric section had special highlight and parallel pediatric sessions were held on all three days. Out of 300 scientific sessions more than 50 lectures, plenaries, panel discussions and debates were focused on pediatric intensive care issues including fluid and electrolyte management in sick children, use of steroids, changing concepts about pathophysiology of cerebral edema in diabetic ketoacidosis, advances in neurocritical care and sepsis management in children. More than 150 oral and poster research papers were presented and a compendium on critical care research in India compiling 427 abstracts of research papers of Indian origin published during 2008 and 2012 was released.

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