



5th
Anniversary
**International Fluid
Academy Days**

November 26 - 28th 2015
Hilton Congress Centre, Antwerp, Belgium

A concise 3 day meeting on fluid management and monitoring in the critically ill

Networking event and boat tour in Antwerp Harbour on Nov 27th
3rd Course on acute care ultrasound (CACU) on Nov 26th

5th Critical Care Nursing Quiz (ROOM GROENPLAATS)

The 5th IFAD's Nursing Session is for the second year in a row presented in the form of an interactive multiple choices Quiz on different topics in Critical Care. It will be conducted in Dutch. Target audience are nurses with their daily practice on critical care and emergency units.

	Program/Title	Speaker
12:00	Registration	
12:20	Welcome	Dr. Niels Van Regenmortel, ZNA Stuivenberg, Antwerp, Belgium
12:30	Honorary Opening Lecture: The search for holy cows, is there any science in our daily practice?	Dhr. Baudewyn Oosterlynck, AZ Sint-Jan, Brugge, Belgium
12:50	The great critical care quiz	All Faculty
14:30	Coffee Break	
15:00	Surviving the Extreme!	Dr. Rogier Nieuwendijk, ZNA Middelheim, Antwerp, Belgium
15:15	Difficult weaning from the ventilator	Dhr. Rick Verhage and Dhr. Mike Verschueren, ZNA Stuivenberg, Antwerp, Belgium
15:30	Nursing issues regarding correct antibiotic treatment	Prof. Stijn Blot, UZ Gent, Ghent, Belgium
15:45	How to deal with complex wound issues?	Dr. Cindy Lafaire, ZNA Stuivenberg, Antwerp, Belgium
16:00	State-of-the-art feeding protocol	Dhr. Kurt Boeykens, AZ Nikolaas, Sint-Niklaas, Belgium
16:15	Neurologic emergencies	Dr. I. Baar, UZA, Antwerp, Belgium
16:30	Honorary Closing Lecture: What is new in CPR anno 2015	Dhr. E. De Vadder, ZNA Jan Palfijn, Antwerp, Belgium
16:45	Prize award and wrap it up	Dr. Niels Van Regenmortel, ZNA Stuivenberg, Antwerp, Belgium
17:00	End of meeting	

3rd Course on Acute Care Ultrasound

Last year's second CACU was a big success. All participants appreciated the practical theoretical courses and the hands-on sessions. This year there will again be a "Beginners Course" and an "Advanced Course" with international key-note speakers. The CACU course takes place in the Hilton Business Centre on the second floor.

3rd CACU: Beginners

Time	Title/Speaker	Room
9:00 - 9:30	How to deliver US training Adrian Wong, Oxford, UK	Sancy
9:30 - 10:00	Abdomen Mike Smet, Antwerp, Belgium	Sancy
10:00 - 10:30	Vascular Access Willem Stockman, Roeselare, Belgium	Sancy
10:30 - 11:00	Coffee Break	Foyer
11:00 - 12:30	Hands-on Lung – Abdomen – Vascular	Tiffany + Shah
12:30 - 13:30	Lunch	Foyer
13:30 - 14:00	Heart - Transthoracic Approach Michel Slama, Paris, France	Sancy
14:00 - 14:30	Lung and diaphragm ultrasound Davide Chiumello, Milano, Italy	Sancy
14:30 - 15:00	Coffee Break	Foyer
15:00 - 16:00	Hands-on Cardiac – Abdomen	Tiffany + Shah
16:00 - 16:30	Capita Selecta Mike Smet, Antwerp, Belgium	Sancy
16:30 - 17:00	How to consolidate US in your unit? Paul Elbers, Amsterdam, The Netherlands	Sancy

3rd CACU: Advanced

Time	Title/Speaker	Room
9:00 - 9:30	Lung - The Blue Protocol Daniel Lichtenstein, Paris, France	Florentine
9:30 - 10:00	Lung - Advanced Issues Daniel Lichtenstein, Paris, France	Florentine
10:00 - 10:30	Hands-on Lung	Tiffany + Shah
10:30 - 11:00	Coffee Break	Foyer
11:00 - 11:25	Left Ventricle Michel Slama, Paris, France	Florentine
11:25 - 11:50	Right Ventricle Antoine Vieillard-Baron, Paris, France	Florentine
11:50 - 12:10	TEE - Advanced techniques Jan Poelaert, Brussels, Belgium	Florentine
12:10 - 12:30	Fluid Responsiveness Xavier Monnet, Paris, France	Florentine
12:30 - 13:30	Lunch	Foyer
13:30 - 14:30	Hands-on Cardiac	Tiffany + Shah
14:30 - 15:00	Coffee Break	Foyer
15:00 - 15:30	Abdomen - Advanced issues Jeffrey Schouten, Sint-Niklaas, Belgium	Florentine
15:30 - 16:00	Transcranial Doppler Willem Stockman, Roeselare, Belgium	Florentine
16:00 - 17:00	Hands-on Abdomen – TCD	Tiffany + Shah

ROOM	BELLE EPOQUE
PLENARY SESSION	
<i>Chairs: Dirk Himpe - Monty Mythen</i>	
9:00 - 9:15	Introduction and Welcome to the 5th iFAD Meeting! Manu Malbrain
9:15 - 9:35	<i>Honorary IFAD Opening Lecture</i> The Guinea Pig Club: the Advent of Salt Water Resuscitation David Muckart
9:35 - 9:50	PRO-CON Debate Perioperative Goal Directed Therapy: PRO Alexandre Joosten
9:50 - 10:05	PRO-CON Debate Perioperative Goal Directed Therapy: CON Azriel Perel
10:05 - 10:20	Rebuttal and Voting
10:20 - 10:55	COFFEE BREAK
PARALLEL SESSION	
Balanced Solutions	
<i>Chairs: Paul Elbers - Monty Mythen</i>	
10:55 - 11:15	What everyone should now about Balanced Solutions Pietro Caironi
11:15 - 11:30	PRO-CON debate on crystalloids PRO: I need balanced solutions Dileep Lobo
11:30 - 11:45	CON: Saline is just fine Niels Van Regenmortel
11:45 - 12:00	Rebuttal and Voting Round Table Discussion
12:00 - 13:00	LUNCH
SATELLITE SYMPOSIA	
TRACK A: HEMODYNAMIC MONITORING	
<i>Chairs: Manu Malbrain - Azriel Perel</i>	
13:00 - 13:30	Tips and Tricks on how to get the most out of your PiCCO device? Manu Malbrain (Supported by unrestricted grant PULSION)
13:30 - 14:00	How to get the most out of your ventilator and NAVA? Diederik Gommers (Supported by unrestricted grant MAQUET)
14:00 - 14:30	Perioperative Goal Directed Therapy: something for us? Alexandre Joosten (Supported by unrestricted grant EDWARDS LIFESCIENCES)

ABSTRACT PRESENTATIONS

Chairs: M. Malbrain, A. Joosten, D. Gommers, D. Lichtenstein, M. Slama, D. Reuter, K. Asehnoune

14:30 - 14:40	A STANDARDISED REPORTING PROFORMA FOR POINT OF CARE LUNG ULTRASOUND IN INTENSIVE CARE MEDICINE (O1a) THE DEVELOPMENT OF A NEW NATIONALLY-ACCREDITED TRAINING PROGRAMME IN POINT-OF-CARE ULTRASOUND FOR INTENSIVE CARE MEDICINE (O1b) Adrian Wong
14:40 - 14:50	CRYSTALLOID FLUID-REPLACEMENT WITH INFERIOR VENA CAVA ULTRASOUND EVALUATION CAN REDUCE ARTERIAL HYPOTENSION RATE AFTER SPINAL ANESTHESIA (O2) Samuele Ceruti
14:50 - 15:00	PROGNOSTIC VALUE OF ORGANS FAILURE DURING ACUTE NECROTIZING PANCREATITIS (O3) Ihor Khomiak, Oleksandr Rotar, Grigory Petrovsky, Vasiliy Rotar, Michael Fishbach, Orest Konyk, Krishna Taneja
15:00 - 15:05	SYSTOLIC ANTERIOR MOTION OF MITRAL VALVE OCCURRED DURING MASSIVE BLEEDING AND INOTROPIC SUPPORT IN A PATIENT UNDERGOING ROBOT-ASSISTED LAPAROSCOPIC CHOLECYSTECTOMY (P1) Jiyoung Yoo, Yunjeong Chae, Daehee Kim, Seryeon Lee

15:10 - 15:40

COFFEE BREAK

PARALLEL SESSION

Albumin

Chairs: Philippe Jorens - Niels Van Regenmortel

15:40 - 15:55	What everyone should know about Albumin Pietro Caironi
15:55 - 16:10	PRO-CON debate on the role of albumin PRO: I need albumin on the ICU Luciano Gattinoni
16:10 - 16:25	CON: I don't need albumin! Paul Elbers
16:25 - 16:40	Rebuttal and Voting Round Table Discussion
Acid-Base & Urine	
16:40 - 16:55	Assessing volumes status from urine Pietro Caironi
16:55 - 17:10	The glyocalyx: new insights Can Ince
17:10 - 17:30	Discussion

ROOM	LIJN
PARALLEL SESSION	
Volume Status	
<i>Chairs: Azriel Perel - Xavier Monnet</i>	
10:55 - 11:15	What everyone needs to know about Fluid Responsiveness and Fluid Challenges Xavier Monnet
11:15 - 11:30	PRO-CON debate on CVP PRO: I need CVP monitoring Anders Perner
11:30 - 11:45	CON: I don't need CVP monitoring Daniel Reuter
11:45 - 12:00	Rebuttal and Voting Round Table Discussion
12:00 - 13:00	LUNCH
SATELLITE SYMPOSIA	
TRACK B: FLUID MANAGEMENT	
<i>Chairs: Niels Van Regenmortel - Dirk Himpe</i>	
13:00 - 13:30	Maintenance fluids: from recommendations fo daily practice Dileep Lobo (Supported by unrestricted grant BAXTER)
13:30 - 14:00	Renal recovery and modality choice. John Prowle (Supported by unrestricted grant BAXTER)
14:00 - 14:30	HES in trauma: current status and future perspectives. Karim Asehnoune (Supported by unrestricted grant FRESENIUS-KABI)
ABSTRACT PRESENTATIONS	
<i>Chairs: N. Van Regenmortel, P. Elbers, M. Mythen, D. Himpe, X. Monnet, W. Stockman, J. Prowle</i>	
14:30 - 14:40	STANDARDS FOR INTRAVENOUS FLUID THERAPY - AUDIT OF MAINTENANCE FLUIDS IN SURGICAL INPATIENTS (O4) Björn Birk, Majel McGranahan, Jennifer Stevens, Mazin Sayegh
14:40 - 14:50	IMPLEMENTATION OF EXTENDED HAEMODYNAMIC MONITORING AND TREATMENT PROTOCOLS IN GERMAN, AUSTRIAN AND SWISS ICUS - RESULTS FROM THE OBSERVATIONAL, MULTICENTRE ICU-CARDIOMAN TRIAL (O5) Sandra Funcke, Bernd Saugel, Heinrich Groesdonk, Gudrun Wagenpfeil, Stefan Wagenpfeil and Daniel A. Reuter for the ICU CardioMan Investigators
14:50 - 15:00	PHARMACOKINETIC/PHARMACODYNAMIC TARGET ATTAINMENT IN CRITICALLY ILL PATIENTS WITH FLUID OVERLOAD TREATED WITH PIPERACILLIN OR MEROPENEM (O6) Milan Kaška, Manu L.N.G Malbrain, Eduardac Havel, Petra Šafránek, Ivac Selke-Krulichová, Janc Bezouška, Jiřinaa Martínková

15:00 - 15:05

INTRAOPERATIVE ANAPYLAXIS DUE TO GELOFUSINE – REPORT OF PERSONAL EXPERIENCE (P2)

Grażyna Michalska-Krzanowska

15:10 - 15:40

COFFEE BREAK

PARALLEL SESSION

Ultrasound Monitoring

Chairs: *Daniel Lichtenstein - Michel Slama*

15:40 - 15:55

What everyone should now about
Critical Care Ultrasound
Antoine Vieillard-Baron

15:55 - 16:10

PRO-CON debate on ultrasound

PRO: I need US monitoring

Jan Poelaert

16:10 - 16:25

CON: I don't need US monitoring

Adrian Wong

16:25 - 16:40

Rebuttal and Voting
Round Table Discussion

Capita Selecta

16:40 - 16:55

Why measure transpulmonary pressures?

Davide Chiumello

16:55 - 17:10

Effect of fluids on cardiac function

Djillali Annane

17:10 - 17:30

Discussion

ROOM BELLE EPOQUE

PLENARY SESSION

Chairs: Azriel Perel - Dileep Lobo

8:45 - 09:10	Introduction Niels Van Regenmortel
09:10 - 09:30	Honorary IFAD Day 2 Opening Lecture Perioerative fluid management: how restrictive should we go? Monty Mythen
09:30 - 09:50	PRO-CON Debate on Blood Transfusion in the ICU CON: don't exaggerate! Anders Perner
09:50 - 10:10	PRO: don't hold back! Can Ince
10:10 - 10:20	Rebuttal and voting followed by Round Table Discussion

10:20 - 10:55 COFFEE BREAK

PARALLEL SESSION

ARDS and Sepsis

Chairs: Philippe Jorens - Luciano Gattinoni

10:55 - 11:10	What everyone should know about treating ARDS Luciano Gattinoni
11:10 - 11:20	PRO-CON debate on monitoring in ARDS ARDS - The monitored approach Daniel Reuter
11:20- 11:30	ARDS - The Clinical Approach Jean-Louis Vincent
11:30 - 11:40	Rebuttal and Voting
11:40 - 12:00	What's left of GDT in sepsis? Azriel Perel

12:00 - 13:00 LUNCH

ABSTRACT PRESENTATIONS

Chairs: M. Malbrain, D. Himpe, X. Monnet, D. Muckart, A. Perner, D. Annane

13:00 - 13:10	CONVENTIONAL CHEST X-RAY VERSUS EXTRA VASCULAR LUNGWATER INDEX (PICCO)(O7) Valérie EM van der Mee, Emma C Boer, Marc CJM Kock, Sten P Willemsen, Michael Frank, Huibert H Ponsen
13:10 - 13:20	ACCURACY AND PRECISION OF NON-INVASIVE CARDIAC OUTPUT MONITORING IN OPERATING ROOM AND INTENSIVE CARE UNIT: A SYSTEMATIC REVIEW AND A META-ANALYSIS (O8) Alexandre Joosten, Olivier Desebbe, Koichi Suehiro, Marc Olivier Fischer, Maxime Cannesson
13:20 - 13:30	PROGNOSTIC VALUE OF BIOELECTRICAL IMPEDANCE ANALYSIS (BIA) DERIVED PARAMETERS IN CRITICALLY ILL PATIENTS AND HEALTHY VOLUNTEERS (O9A-C)

Stefanie Vandervelden, Suzanne Teering, Britta Hoffman, Yannick Peeters, Jelle Bernards, Michael Mekeirele, Marijke De Raes, Ann Van Rompaey, Ine Witters, Niels Van Regenmortel, Inneke De laet, Karen Schoonheydt, Hilde Dits, Manu LNG Malbrain

13:30 - 13:40	EVALUATION OF THE PROGNOSIS OF SEPSIS WITH MASS SPECTROMETRY (P3) Afonso Celente Soares
PARALLEL SESSION	
<i>Chairs: Dileep Lobo - Monty Mythen</i>	
Perioperative Fluid Management	
13:40 - 13:55	Before Surgery So we need prophylactic colloids? Robert Hahn
13:55 - 14:10	During Surgery Fluids choices in the elderly Dileep Lobo
14:00 - 14:15	After Surgery Crystalloids or colloids in postoperative shock Djillali Annane
14:10 - 14:40	After Surgery Enhancing surgical recovery Monty Mythen
14:40 - 15:00	Round Table Discussion
15:00 - 15:30 COFFEE BREAK	
PLENARY SESSION	
Fluid Overload	
<i>Chairs: Djillali Annane - Anders Perner</i>	
15:30 - 15:45	Is hypervolemia so bad? In the Operating Room Robert Hahn
15:45 - 16:00	Is hypervolemia so bad? In the ICU Jean-Louis Vincent
16:00 - 16:15	Is de-resuscitation the solution? Inneke De laet
CLOSING SESSION	
<i>Chairs: Dirk Himpe - Paul Elbers</i>	
16:15 - 16:35	Honorary IFAD Closing Lecture Non-invasive monitoring of oxygen delivery: new frontiers Azriel Perel
16:35 - 16:55	Honorary IFAD Closing Lecture Intensive Care Anno 2015 - What can we do better? Luciano Gattinoni
16:55 - 17:15	Prize Award Ceremony and Wrap it up! Manu Malbrain - Niels Van Regenmortel
17:15	End of Meeting

ROOM	LIJN
PARALLEL SESSION	
Acute Blood Loss	
<i>Chairs: Rudi De Paep - Robert Hahn</i>	
10:55 - 11:10	What everyone should know about the colloid-crystalloid debate Paul Elbers
11:10 - 11:20	PRO-CON debate on fluids in hemorrhagic shock PRO: I need colloids in hemorrhagic shock Monty Mythen
11:20- 11:30	CON: Crystalloids are fine Robert Hahn
11:30 - 11:40	Rebuttal and Voting
11:40 - 12:00	A whiter shade of pale in trauma David Muckart
LUNCH BREAK	
ABSTRACT PRESENTATIONS	
<i>Chairs: N. Van Regenmortel, D. Lobo, P. Elbers, W. Stockman, R. Hahn, R. De Paep</i>	
13:00 - 13:10	ACETYLSALICULIC ACID AS A THERAPEUTIC MEASURE FOR LUNG INJURY IN PRECLINICAL MODELS (O10) Bernardo A. Panka, Harm-Jan de Grooth, Pieter-Roel Tuinman
13:10 - 13:20	ADHERENCE TO SURVIVING SEPSIS GUIDELINES AMONG PEDIATRIC INTENSIVISTS: A NATIONAL SURVEY (O11) Farah Thabet , Jihad Zahraa and May Chehab
13:20 - 13:30	VALIDATION OF NONINVASIVE HEMODYNAMIC MONITORING DEVICES IN HEALTHY VOLUNTEERS (O12) Jelle Bernards, Michael Mekeirele, Britta Hoffman, Yannick Peeters, Niels Van Regenmortel, Inneke De laet, Karen Schoonheydt, Hilde Dits, Manu LNG Malbrain
13:30 - 13:40	POLISH GUIDELINES FOR PERIOPERATIVE FLUID THERAPY AS A SUGGESTION FOR EUROPE (O13) Grazyna Durek, Dariusz Maciejewski, Elzbieta Nowacka, Wladyslaw Machala, Rafal Drwila, Maria Wujtewicz, Krzysztof Kusza, Wojciech Dabrowski

PARALLEL SESSION	
Chairs: <i>Xavier Monnet - Dirk Himpe</i>	
Cardiac Output Monitoring	
13:40 - 13:55	Circulatory optimisation: Are we choose the right parameters? Anders Perner
13:55 - 14:10	PRO-CON debate: Do we need CO? PRO: I need CO monitoring Manu Malbrain
	CON: I don't need CO monitoring David Muckart
14:10 - 14:40	Rebuttal and Voting
14:40 - 15:00	Translational Medicine and the role of big data: from 3D automotive measurements to the creation of an ICU cockpit Geert Creemers and Manu Malbrain
15:00 - 15:30	COFFEE BREAK
15:30 – 17:15	JOIN PLENARY SESSION IN ROOM BELLE EPOQUE