



Dear Colleagues,

This newsletter invites you to attend our next **free EuSEN webinar** on **June 12th**.

Don't miss the actual and promising presentations by **Kata Ivanišević** and **Robert Crouch**.

Kata Ivanišević (Croatia) will talk about "Specializations in Emergency Medicine for Nurses," and **Robert Crouch** (UK) will focus on "Global Emergency Nursing Summit—Feedback and Thoughts for the Future."

Furthermore, this newsletter includes two compelling summary abstracts of our previous webinars. We hope they will motivate you to attend the June webinar and pique your interest in what's to come. We would be thrilled to see many of you attend.

You can register for the event at www.eusen.org.

Door Lauwaert, on behalf of the EuSEN board

Program

- 18:00: Introduction
- 18:05: "Specializations in emergency medicine for nurses" by **Kata Ivanišević, PhD (Croatia)**
Docent at the Faculty of Health Studies in Rijeka, Croatia
Croatian national instructor for emergency nurses courses
Secretary of the Croatian Nursing Society of Emergency Medicine (CNSEM)
- 18:25: "Global Emergency Nursing Summit – Feedback and thoughts for the future" by **Robert Crouch, OBE, RN, PhD, FRCN, FRCEM (Hon) (UK)**
Consultant Nurse & Honorary Professor of Emergency Care, Emergency Department University Hospital Southampton NHS Foundation Trust/University of Southampton
Visiting Professor, Faculty of Health and Applied Sciences, University of the West of England
Research Lead, Dorset and Somerset Air Ambulance
NHS E – Subject Matter Expert, Consultant Practice

SAVE THE DATE
EMERGENCY NURSING
WEBINAR

JUNE 12, 2024
starting at 18:00 till 19:15 via ZOOM

Info and free registration: www.eusen.org

Q&A after each presentation

A certificate of attendance will be e-mailed.



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Abstract
30/11/2023

EuSEN

Webinar

seamlessly connected to hospitals via a 5G network. Through augmented reality glasses, the medical team receives real-time insights,

revolutionizing remote medical assistance and enhancing patient care. The combination of telemedicine and telemonitoring, is a huge step in receiving and processing the necessary data to develop, maintain or adapt the care needed.

"Advancing Patient Transport: Inside UZ Brussel's Specialized Ambulance"

*Jan Van Rossem, Headnurse
Emergency Dpt, Brussels (B)*



Committed Professionals

Driven by a highly trained team led by a transportcoördinator, this ambulance embodies a commitment to excellence in patient transport. With rigorous training and expertise, they navigate each journey with precision and care, ensuring that every patient receives the highest standards of medical attention. As this specialized ambulance takes to the roads, it signifies not just a mode of transport, but the full embodiment of the nurse and its competencies. This way another step is taking into developing our profession and innovating a small, yet significant part of the healthcare.

Specialized Patient Care

Within the corridors of UZ Brussel, a unique endeavor in interhospital patient transport unfolds. Here, a dedicated transport team - consisting of an ambulance driver, a transport nurse and a doctor when needed- operates a sophisticated ambulance tailored for critical cases, marking a milestone in European medical transport. Crafted in collaboration with experts (from within healthcare and the supporting industries), this vehicle caters to a diverse range of patients, from fragile premature infants to adults in need of urgent neurosurgical interventions.

Tailored for Excellence

From June 7th, 2023, onwards, this specialized ambulance embarks on journeys across the country, offering personalized care for each passenger it transports. With 7 seats for a specialized team and adaptable equipment which is tightly secured, it ensures comfort, precision and safety, catering to the unique medical needs of every patient it serves.

Innovative Transport Solutions

Equipped with cutting-edge technology, this ambulance serves as a mobile sanctuary,





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Abstract **EuSEN** **Webinar**
13/03/2024

The impact of prehospital blood sampling on the emergency department process of patients with chest pain: a pragmatic non-randomized controlled trial.

*Johan L. van Nieuwkerk,
nurse specialist at the emergency
department of Haaglanden
Medical Center and at the
Emergency Medical Services
Haaglanden (NL)*



In this study we assessed whether prehospital blood draw (PHBD) decreased the blood sample arrival time (BSAT, time that blood sample arrives at the laboratory), troponin turnaround time (TTT, time that troponin results are available) and emergency department (ED) length of stay (EDLOS, patient length of stay at the emergency department) as primary outcomes. It could reduce crowding at the ED.

As a secondary outcome, we assessed the blood sample ERRORS, such as sample quality and blood sample mix-ups.

The intervention group (cases) included patients whose blood was drawn during ambulance care, and the control group (controls) included patients who followed the regular process and whose blood was drawn at the ED.

We included patients of 18+ with chest pain, brought by ambulance for cardiac assessments and without ST-segment elevation myocardial infarction (STEMI) or unstable vital signs.

PHBS was performed on 100 patients (cases), and blood was drawn at the ED in 406 patients (controls).

Our univariate analysis we found that PHBD significantly decreased the BSAT (13 minutes shorter in cases) and TTT (11 minutes shorter in cases). There was no significant difference in EDLOS between the groups.

In our multivariate regression analysis, which we performed to control for confounding variables, like arrival time, arrival during business, a radiology request, and the need for a second troponin draw, we found that PHBD shortened all time intervals. Even EDLOS was significantly shorter for patients in whom blood was drawn during ambulance care.

In de multivariate analysis, we also found that PHBD was the only independent factor with an impact (decreased) on the BSAT. Secondly, PHBD and admission at the hospital decreased the TTT, while arrival during the evening shift and an increased troponin increased the TTT. Finally, PHBD also decreased EDLOS, while older age, a radiology request, and the need for a second troponin draw increased the EDLOS.

There were no differences in blood sample ERRORS between the groups.

According to this study, PHBD reduced the time taken to obtain troponin results and decreased the LOS in chest pain patients. Therefore, it could be a contributing factor in addressing the issue of crowding in the ED.

This study was published (open access) in the World Journal of Emergency Medicine: <http://wjem.com.cn/EN/10.5847/wjem.i.1920-8642.2023.054>



Original Article

The impact of prehospital blood sampling on the emergency department process of patients with chest pain: a pragmatic non-randomized controlled trial

Johan L. van Nieuwkerk¹, M. Christien van der Linden², Rolf J. Verheul³, Merel van Loon-van Gaalen⁴, Marije Janmaat⁵, Naomi van der Linden⁶

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New publication: Recommendations for blood sampling in emergency departments

ABSTRACT

Blood Sampling Guidelines have been developed to target European emergency medicine-related professionals involved in the blood sampling process (e.g. physicians, nurses, phlebotomists working in the ED), as well as laboratory physicians and other related professionals. The guidelines population focus on adult patients. The development of these blood sampling guidelines for the ED setting is based on the

collaboration of three European scientific societies that have a role to play in the preanalytical phase process: EuSEN, EFLM, and EUSEM. The elaboration of the questions was done using the PICO procedure, literature search and appraisal was based on the GRADE methodology. The final recommendations were reviewed by an international multidisciplinary external review group.

This study was conducted in a joint collaboration between EuSEN, EFLM, and EUSEM.

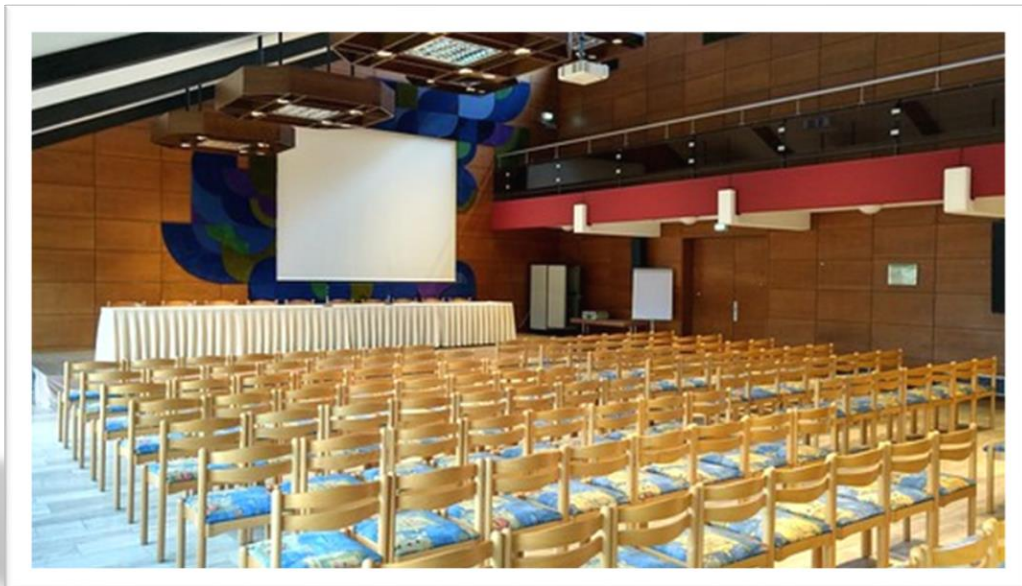
<https://www.degruyter.com/document/doi/10.1515/cclm-2024-0059/html>

Save the date

- **EuSEN** will have a nursing track at the **EuSEM congress** in Copenhagen, Denmark, from October 13 to 16, 2024.
- <https://eusemcongress.org/>

Early bird registration ends on June 12th!

- The next **free Webinar** will be on **November 20th**, 2024, at 18.00! Mark it already in your agenda





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POSITION STATEMENT

A call for urgent action: Recognition of the Specialised and Advanced nursing profession in Europe
(see next pages)



Individual membership EuSEN

Dear future member,

If you want to support us developing EuSEN, you can become an individual EuSEN Member.

Membership fee for individual member had been fixed to **20€/year** by the EuSEN Board . This money help us to promote the association throughout Europe.

As an Individual Member, you'll be informed of any evenemential action of EuSEN and every publication, you'll also have member price for Congress supported by EuSEN and any promotional action held by EuSEN.

Individual Membership don't give the right to vote at the General Meeting Assembly (Only for the Association) and membership of EuSEN don't mean that you are member of all the European nurses associations.

WE NEED YOU, if you want to help us by becoming a individual member, fill the form (see website EuSEN) and the treasurer will contact you as soon as possible to give you information about the procedure to pay the annual fee.

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Are you interested in Emergency Nursing?
Then join the European Society for Emergency Nursing NOW!

The society's aim is to promote nursing activities in the field of emergency care

The Society's purpose is:

- *to promote science and art of nursing in emergency care
- *to promote contacts, exchange and cooperation between European emergency nursing associations
- *to represent emergency nurses within and outside of Europe
- *to draft and promote standards for training, implementation of the profession and management in the field of emergency nursing
- *to harmonize the training of emergency nursing across Europe
- *to promote cooperation with all healthcare professionals, institutions and organizations with a professional interest in emergency care
- *to promote basic knowledge about emergencies throughout the population.

EuSEN is a NON-Profit association. To be a member with EuSEN you need to be a member of a local or national emergency nurse association. The association needs to have local standards and official statutes.

Do you want to learn more about the EuSEN Please contact :

The President of EuSEN

Door Lauwaert

Post address: UZ Brussel, Emerg. Dpt, Laarbeeklaan 101, 1090 Brussels, Belgium

Or door.lauwaert@uzbrussel.be

To join us - Fill in the admission form on the next page.

www.eusen.org



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Application form EuSEN

Name of the Association

.....

Country.....

URL Website.....

Number of members.....

Does the association follow official statutes Yes No

The associations main purpose in emergency care

.....
.....
.....

Name of the President.....

Contact address, E-Mail and phone number

.....
.....

Second contact person of the association (if not the President is the contact person)

.....

Contact address, E-Mail and phone number

.....
.....

Send the application form and relevant documents presenting your organization to:

The President of EuSEN Door Lauwaert

Post address: UZ Brussel, Emerg. Dpt, Laarbeeklaan 101, 1090 Brussels, Belgium

Or door.lauwaert@uzbrussel.be

www.eusen.org



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