

How Pharmacology Could and Should Help in PICU

COURSE LENGTH

4.5 hour live online session on 28 April 2022 from 14.00-18.30 CEST + 1 hour for final assessment.

DESCRIPTION

A live online workshop for paediatric intensivists on pharmacology applied to PICU. The basic course presents concepts of pharmacology useful in PICU and focuses on analgesia and sedation. The live session will feature 2 series of 5 lectures (15-20 minutes each) followed by Q&A with the faculty. There will be a short break in between the 2 parts of the session (Part 1: Pharmacology in PICU and Part 2: Analgesia and Sedation).

LEARNING OBJECTIVES

At the end of this course, participants should be able to:

1. Understand pharmacology applied to PICU
2. Distinguish PK and PD of drugs in PICU patients
3. To report the best evidence on analgesia and sedation and its complications

TOPICS

Part 1: Pharmacology in PICU

- PK for intensivists
- Impact of age and disease on PK-PD
- Therapeutic drug monitoring
- Drug-drug interaction
- Toxicology in PICU

Part 2: Analgesia and Sedation

- First-line strategy of analgesia and sedation
 - Pros/cons of bolus or continuous infusion for AS in PICU
 - Difficult analgesia and sedation: definition and strategies to adopt
 - Delirium: which drugs to adopt
 - Withdrawal syndrome: is there a special recipe to minimize the impact in PICU?
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FORMAT

This course has 2 components: a live online component and a self-paced online final assessment. The live online session will be hosted on Zoom on 28 April 2022 from 14.00-18.30 CEST. The live session will include 2 series of 5 lectures (15-20 minutes each) and Q&A with the faculty. The programme for the live session is below. Following the live session, participants will receive access to the recordings of the lectures and the final assessment.

ASSESSMENT DETAILS

The final assessment will be a series of multiple-choice questions about the content of the lectures. Participants must complete the final assessment within 1 month of the live session and will have 3 2022 ESPNIC Pharmacology Course | www.espnic.eu attempts to pass the final assessment. The

highest score will be recorded as the final score for the course. A final score of 80% is required to pass the final assessment.

COMPLETION REQUIREMENTS

To successfully complete the course and receive a certificate of completion, participants must attend the full live online session on 28 April 2022 from 14.00-18.30 CEST, receive a minimum score of 80% on the final assessment within 1 month of the live session, and complete the course evaluation survey. Participants who attempt the final assessment but do not pass will be eligible for a certificate of participation.

IMPORTANT DATES

Registration Closes	9 July 2022 at 23.59 CEST
Optional Live Online Session: Part 1 (Pharmacology)	28 April 2022 from 14.00-18.00 CEST
Optional Live Online Session: Part 1 (Analgesia and Sedation)	3 or 9 June 2022 (date to be confirmed soon) from 14.00-17.30 CEST
Final Date to Complete Final Assessment	28 July 2022
Course Certificates Issued	Week of 1 August 2022

PRICES

ESPNIC Members	EUR 50
Non-ESPNIC Members	EUR 100

CONTACT US

For questions about this course, please email us at education@espnice.eu.

REGISTER

[Register for the course here.](#)

LIVE ONLINE COURSES

ESPNIC live online courses are synchronous events organized in a live virtual meeting room (i.e. Zoom) where participants and faculty meet to communicate with voice and video. Live online courses require participants and instructors to be online at the same time. The courses take place at a certain date and time. All participants must be online and connected to the internet at the specific time. Depending on the course, participants may receive access to recordings of the live session or a final assessment to complete outside of the live session. Please refer to course details for more information.