



## **Critical Care Advanced Level Course**

### **Neurological challenges in critical care, including agitation, delirium, and NICU for the generalist**

Session 4 of 4

The UKCPA Critical Advanced Level Course is suitable for post-foundation level pharmacists with more than six months experience in an ICU.

This course is made up of four 2-hour virtual sessions, each requiring delegates to undertake pre-reading, attend the online session/s and complete an assessment. Upon successful completion of each session, delegates will be awarded a certificate of completion.

After this event, participants should be able to:

- Describe neurological emergencies and the need for immediate management and requirements for appropriate intervention
- Summarise the key differences between different agents used for the management of acute seizures in a level 3 patients and apply advanced pharmacokinetic principles in complex acute seizure patients to inform dosage decisions
- Discuss current evidence, national or international guidelines that include the use of agents used for the management of acute seizures in a level 3 patient.
- Identify delirium from other form of agitation and cognitive dysfunction in critical care
- Discuss the different types of delirium seen in critically ill patients and the pharmacists proactive role in identifying them
- Describe the differences between a broad range of agents used for the management of delirium and how to communicate this effectively with the rest of the critical care team.
- Discuss the role of sleep within critical care and the agents which may be used
- Discuss the current concepts, evidence and possibilities for research into sleep and delirium in the critical care unit.