



# Basic and Clinical Sciences Anaesthetic Course (BCSAC)

The BCSAC 2025 will be held online on **Friday 13, Saturday 14 and Sunday 15 June and Friday 20, Saturday 21 and Sunday 22 June 2025**. It will be a fully virtual course, and lectures will remain available online for three months after the live event.

Participants can choose between live, on demand or both to obtain the Certificate of Attendance and CME credits. They will receive the number of CME credits corresponding to the number of lectures watched either live or on-demand thanks to the intelligent tracking system.

Candidates will also have the opportunity to take a test of knowledge before and after the course to gauge their progress.

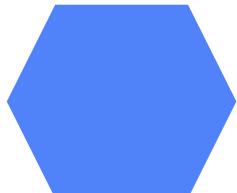
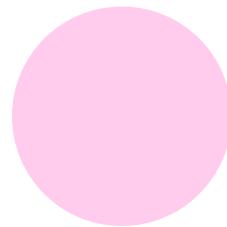


1<sup>st</sup> WeekendFriday 13<sup>th</sup> June 2025

Start	End	Lecture	Speaker
15:30	15:45	Welcome to the BCSAC	Andrea Kollmann Camaiora
15:45	16:30	Anaesthetic Equipment	Andrea Kollmann Camaiora
16:30	16:40	<b>Break</b>	
16:40	17:40	Physics	Andrea Kollmann Camaiora
17:40	18:00	Q&A	
18:00	18:10	<b>Break</b>	
18:10	18:40	Principles of pharmacokinetics	Michel Struys
18:40	19:10	Principles of pharmacodynamics	Michel Struys
19:10	19:30	Q&A	

Saturday 14<sup>th</sup> June 2025

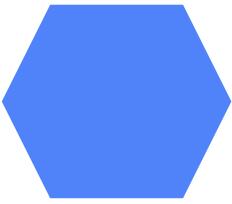
Start	End	Lecture	Speaker
08:30	09:00	Opioids	Paulo Sá Rodrigues
09:00	09:30	Local anaesthetics	Paulo Sá Rodrigues
09:30	09:50	Q&A	
09:50	10:00	<b>Break</b>	
10:00	10:30	EKG / Images (excluding US)	Zeev Goldik
10:30	11:00	Ultrasound: FAST, lung, tips on vascular access	Elena Segura
11:00	11:20	Q&A	
11:20	11:30	<b>Break</b>	
11:30	12:00	Intravenous anaesthetics	Vlad Kushakovsky
12:00	12:40	Paediatric anaesthesia	Vlad Kushakovsky
12:40	13:00	Q&A	
13:00	13:10	<b>Break</b>	
13:10	13:40	Anaesthesia outside of the OR: Sedatives and clinical aspects	Andrea Szekely
13:40	14:25	Statistics	Andrea Kollmann Camaiora
14:25	14:45	Q&A	



## Sunday 15<sup>th</sup> June 2025

Start	End	Lecture	Speaker
08:30	09:30	Respiratory anatomy & physiology	Mert Sentürk
09:30	10:00	Acute lung injury and respiratory and management on ICU	Mert Sentürk
10:00	10:20	Q&A	
10:20	10:30	<b>Break</b>	
10:30	11:00	Neuroanatomy & physiology	Özlem Korkmaz Dilmen
11:00	11:30	Neuroanaesthesia	Özlem Korkmaz Dilmen
11:30	11:40	<b>Break</b>	
11:40	12:10	NMB agents and anatomy of the neuro-muscular junction	Vitor Pinho-Oliveira
12:10	12:30	Q&A	
12:30	12:40	<b>Break</b>	
12:40	13:10	Postoperative delirium and cognitive dysfunction	Başak Ceyda Meço
13:10	13:55	Inhalational anaesthetic agents	Başak Ceyda Meço
13:55	14:15	Q&A	

## 2<sup>nd</sup> Weekend



### Friday 20<sup>th</sup> June 2025

Start	End	Lecture	Speaker
15:30	16:00	Antibiotics: basic knowledge for the anaesthesiologist	Małgorzata Mikaszewska-Sokolewicz
16:00	16:45	General principles of anaesthetic evaluation: focus on respiratory and CV	Małgorzata Mikaszewska-Sokolewicz
16:45	16:55	<b>Break</b>	
16:55	17:40	Assessment of the critically ill patient/severity scores (focus on ICM and including common scoring systems)	Maciej Ryszka
17:40	18:00	Q&A	
18:00	18:10	<b>Break</b>	
18:10	18:45	Principles of airway management	Andrey Varvinskiy
18:45	19:15	Anaesthesia for ENT and maxillo-facial surgery	Andrey Varvinskiy
19:15	19:35	Q&A	

### Saturday 21<sup>st</sup> June 2025

Start	End	Lecture	Speaker
08:30	09:00	Sepsis	Joana Berger-Estilita
09:00	10:00	Cardiovascular anatomy, physiology & pharmacology	Joana Berger-Estilita
10:00	10:20	Q&A	
10:20	10:30	<b>Break</b>	
10:30	11:00	Maternal physiology	Estibaliz Alsina
11:00	11:30	Obstetric anaesthesia	Estibaliz Alsina
11:30	11:50	Q&A	
11:50	12:00	<b>Break</b>	
12:00	12:45	Regional anaesthesia in the anaesthetic practice	Altan Sahin
12:45	13:15	Anaesthesia for obesity and bariatric surgery	Emre Erbabacan

13:15	13:35	Q&A	
13:35	13:45	<b>Break</b>	
13:45	14:45	Coagulation and Coagulation Tests	Angela Carmezim Mota
14:45	15:05	Q&A	

## Sunday 22<sup>nd</sup> June 2025

Start	End	Lecture	Speaker
08:30	09:15	Renal anatomy &physiology	Doris Therese Doberenz
09:15	09:45	Fluid management and renal replacement therapy	Doris Therese Doberenz
09:45	10:05	Q&A	
10:05	10:15	<b>Break</b>	
10:15	11:00	Acute and Chronic pain management	Armen Varosyan
11:00	11:45	Liver physiology and liver transplant	Marcin Sicinski
11:45	11:55	<b>Break</b>	
11:55	12:25	Intraoperative and recovery emergencies	Emma Ponten
12:25	12:45	Q&A	
12:45	12:55	<b>Break</b>	
12:55	13:40	Hemodynamic monitoring and management with focus on ICU	Ruth Shaylor
13:40	14:40	Cardiothoracic anaesthesia	Ruth Shaylor
14:40	15:00	Q&A	