

Blood Gases & Capnography

Session	Time	Type	Topic	Faculty	Format	Notes
Opening	8:30 AM – 9:00 AM	Admin	Registration	Faculty	—	
Opening	9:00 AM – 9:15 AM	Assessment	Pre-Test	Faculty	Written Quiz	
Block 1	9:15 AM – 9:30 AM	Lecture (2 cases)	Technical Issues and Basic Biochemistry of Blood Gases	Dr Arun Sharma	Lecture + Cases	
Block 1	9:30 AM – 9:45 AM	Lecture	Stepwise Interpretation of Blood Gases	Dr Banani Poddar	Lecture	
Block 1	9:45 AM – 10:00 AM	Recap	Recap with Quiz	Faculty	Interactive Quiz	
Break	10:00 AM – 10:15 AM	Break	Tea Break	—	—	
Block 2	10:15 AM – 10:30 AM	Lecture (2 cases)	Metabolic Acidosis (HAGMA): Lactic Acidosis and DKA	Dr Vishal Vaibhav	Lecture + Cases	
Block 2	10:30 AM – 10:45 AM	Lecture (2 cases)	Metabolic Acidosis (NAGMA): Renal Tubular Acidosis	Dr S. Namrata Rao	Lecture + Cases	
Block 2	10:45 AM – 11:00 AM	Lecture (2 cases)	Metabolic Alkalosis: Chloride Responsive and Unresponsive	Dr Sangam Yadav	Lecture + Cases	
Block 2	11:00 AM – 11:15 AM	Recap	Recap with Quiz	Faculty	Interactive Quiz	
Block 3	11:15 AM – 11:30 AM	Lecture (3 cases)	Respiratory Acidosis	Dr Prashant	Lecture + Cases	
Block 3	11:30 AM – 11:45 AM	Lecture (3 cases)	Respiratory Alkalosis	Dr Prawal Srimal	Lecture + Cases	
Block 3	11:45 AM – 12:00 PM	Lecture (3 cases)	Mixed Acid-Base Disorders	Dr Musthasin Malik	Lecture + Cases	
Block 3	12:00 PM – 12:15 PM	Recap	Recap with Quiz	Faculty	Interactive Quiz	
Block 4	12:15 PM – 12:30 PM	Lecture (1 case)	One Case by Boston, Copenhagen and Stewart Approaches	Dr Sai Saran	Lecture + Cases	
Block 4	12:30 PM – 12:45 PM	Lecture (2 cases)	Importance of Capnography in ABG	Dr Madhulika Dubey	Lecture + Cases	
Block 4	12:45 PM – 1:00 PM	Recap	Recap with Quiz	Faculty	Interactive Quiz	
Break	1:00 PM – 2:00 PM	Break	Lunch Break	—	—	
Station 1	2:00 PM – 4:00 PM	Hands-On (30 min each)	Metabolic Acidosis – 10 Cases	Dr Vishal Vaibhav / Dr Umadri Singh	Case Interpretation Station	Delegates rotate across 4 stations
Station 2	2:00 PM – 4:00 PM	Hands-On (30 min each)	Metabolic Alkalosis – 6 Cases	Dr Haider Hussain / Dr Vinay Kumar	Case Interpretation Station	
Station 3	2:00 PM – 4:00 PM	Hands-On (30 min each)	Respiratory Acidosis and Alkalosis – 8 Cases	Dr Akshat Trivedi / Dr Soumya / Dr Sanjay	Case Interpretation Station	
Station 4	2:00 PM – 4:00 PM	Hands-On (30 min each)	Mixed Disorders – 6 Cases	Dr Vaishali Agarwal / Dr Amavijyoti Das	Case Interpretation Station	
Closing	4:00 PM – 4:30 PM	Assessment	Post-Course Quiz	Dr Prawal Srimal	Interactive Quiz	
Closing	4:30 PM – 5:00 PM	Ceremony	Concluding Remarks	Dr Sai Saran	—	