

Workshop – 1:

Ultrasound in Perioperative Medicine & Intensive Care

HG Khurana Auditorium, Lecture Theatre Complex, SGPGIMS, Lucknow

6th Oct 2023, 8 AM-2 PM

Time	Topic	Speaker
8.00 – 8.10 AM	Welcome & Introduction of course	Dr. SP Ambesh (SGPGIMS)
8.10 – 8.30 AM	Knobology	Dr. P K Das (Dr RMLIMS, Lucknow)
8.30 – 9.00 AM	FATE (Focus-assessed Transthoracic Echocardiography)	Dr. Dheeraj Arora (Amrita Hospital, Faridabad)
9.00 – 9.30 AM	Lung and Diaphragm ultrasonography	Dr. Yashpal Singh (IMS, BHU Varanasi)
9.30 – 10.00 AM	Gastric antrum assessment and its importance IVC diameter and indices	Dr. Souvik Maitra (AIIMS, New Delhi)
10.00 – 10.15 AM	Airway ultrasonography	Dr. Sonal Rastogi (TMH, Kolkata)
10.15 – 10.30 AM	ONSD: Optic Nerve Sheath Diameter and Intracranial Pressures	Dr. Shailesh Gupta (Medanta, Lucknow)
TEA BREAK: 10.30 – 11.00 AM		
11.00 – 2.00 PM	Hands-on Workshop	
Tables	Hands-on stations	Faculty
Table 1	FATE (Focus-assessed Transthoracic Echocardiography)	Dr. Dheeraj Arora Dr. Suruchi Dr. Prem Raj Singh
Table 2	Chest: Lung and Diaphragm	Dr. Yashpal Singh Dr. Somnath Longani Dr. Sumit Sachan
Table 3	Abdomen: Gastric antrum + IVC Diameter & Indices	Dr. Souvik Maitra Dr. Hemlata Dr. Ruchi Saxena
Table 4	Head and Neck: Airway ultrasonography & ONSD	Dr. Sonal Rastogi Dr. Shailesh Gupta Dr. Nidhi Singh
Lunch 2.00 – 2.45		

Workshop – 2:

Advanced Hemodynamic Monitoring; Beyond Pressures

SS Agarwal Auditorium, Lecture Theatre Complex, SGPGIMS, Lucknow

6th Oct 2023, 8 AM-2 PM

Time	Topic	Faculty
8.00 - 10:30 am	LECTURES	
8.00 - 8.05 am	Introduction and overview of the workshop	Dr Puneet Goyal (SGPGIMS)
8.05 - 8.25 am	Dynamic indices of volume status and fluid responsiveness (SPV, SVV, PPV, PVI)	Dr Anil Verma (GSVMMC, Kanpur)
8.25 - 8.45 am	Basics of cardiac output monitoring	Dr Bhavya Naithani Dube (KGMU, Lucknow)
8.45 - 9.05 am	Minimally invasive cardiac output monitoring (FloTrac , Picco with CO and EVLW, Trans pulmonary thermodilution).	Dr Banashree Mandal (PGIMER, Chandigarh)
9.05 - 9.25 am	Non-invasive Cardiac output monitoring [Bio-reactance, PWTT (Pulse Wave Transit Time)]	Dr Sulagna Bhattacharjee (AIIMS, New Delhi)
9.25 - 9.45 am	Echo based indices of fluid responsiveness	Dr Satyajeet Mishra (AIIMS, Bhuvaneshwar)
9.45 - 10.00 am	Concept and utility of Central venous oximetry. (Compare and contrast with Mixed venous oximetry).	Dr Karan Kaushik (KGMU, Lucknow)
10.00 - 10.30 am	Practical Case based scenarios, Bedside to Shock Management	Dr Shikha Sachan (Regency Hospital, Kanpur)
TEA BREAK 10.30 - 11:00 am		
11.00 - 2.00 pm	Hands on WORK STATIONS (6 Rotations of 30 mins each)	
11.00 - 11.30 am	Echo 1 (Cardiac Output and fluid responsiveness indices)	Dr Satyajeet Mishra, Dr OP Sanjeev
11.30 - 12.00 pm	Echo 2 (IVC and fluid responsiveness indices)	Dr Karan Kaushik, Dr Prateek Singh
12.00 - 12.30 pm	FloTrac /HemoSphere Advanced monitoring	Dr Banashree Mandal, Dr Samiksha Parashar
12.30 - 1:00 pm	PWTT (Pulse Wave Transit Time), PiCCO	Dr Bhavya N Dube, Dr Brijesh P Singh
1:00 - 1 :30 pm	Most care UP	Dr Anil Verma, Dr Suraj K Chaudhary
1:30 - 2:00 pm	Bioreactance	Dr Sulagna Bhattacharjee, Dr Gaurav Mishra
Lunch 2.00 – 2.45		

Symposium on Cardio-Pulmonary Exercise Testing (CPET)

HG Khurana Auditorium, Lecture Theatre Complex, SGPGIMS, Lucknow

2.45 - 5.45 pm

1.	Introduction to the CPET symposium and welcome
2.	DIDACTICS
a. Introduction to CPET (10-15 mins) – Dr Rakesh Garg	
<ul style="list-style-type: none">• What is CPET• Orientation with machine and equipment• History and application in various fields like sports and athletics, space, medicine• Why CPET is important in perioperative medicine• Include indications and contraindications	
b. Exercise physiology (30-35 minutes) - Dr Preety Mittal	
<ul style="list-style-type: none">• Including Physiological basis of VO₂, anaerobic threshold and limiting factors to exercise.• Cellular respiration• Physiological changes during exercises	
c. CPET derived parameters, interpretation (35 minutes) - Dr Shikhar More	
<ul style="list-style-type: none">• Including all parameters of Wasserman 9 panel plot• Examples of cardiac, pulmonary limitations etc.	
Sookshma Yoga Session (सूक्ष्म योग) (Desktop Yoga) : 15 Min	
(Easy and gentle Micro Yoga techniques to open up subtle energy channels)	
Tea Break - 15 Min	
d. Evidence of CPET in perioperative medicine (20 minutes) -Dr Kiran Mahendru	
<ul style="list-style-type: none">• Review of current evidence	
e. Clinical application (25 minutes) - Dr Abhishek Kumar	
<ul style="list-style-type: none">• Case discussion• Prehabilitation• Risk stratification	
3.	Video Demonstration of a maximal incremental exercise test/ discussion of sample reports- Col VK Malhotra (30 minutes/ till session ends)
Dinner, 7.30 PM Onwards, Hobby Centre Lawns	

Scientific Programme

Hall A: CV Raman Auditorium, Lecture Theatre Complex, SGPGIMS, Lucknow

Day Two : 07th October 2023

Session 1 (8:30 - 9:40 AM) : Perioperative management; Fluid and Blood Transfusion				
Time	Duration	Topic	Speaker	Chairpersons
8.30 - 8.50	20 Min	Perioperative fluid: Less is more	Dr Sujeet Gautam, SGPGIMS, Lucknow	Dr Vijeta Bajpai (AIIMS Gorakhpur), Dr Hemlata (KGMU Lucknow)
8.50 - 9.10	20 Min	Fluid therapy for critically ill: Let the ROSE bloom	Dr Ritu Singh, IGIMS, Patna	
9.10 - 9.30	20 Min	Management of massive blood transfusion	Dr Sunaina Tejpal, AIIMS, Bhopal	
9.30 - 9.40	10 Min	Discussion		
Session 2 (9:40 - 10:50 AM) : Perioperative Quality Improvement Program				
Time	Duration	Topic	Speaker	Chairpersons
9.40 - 10.00	20 min	ERAS protocols in major abdominal / GI surgery	Dr Subrat Singha, AIIMS, Raipur	Dr Asha Tyagi (UCMS, Delhi), Dr Vikram Vardhan (AIIMS Gorakhpur), Dr Sabaretnam (SGPGIMS),
10.00 - 10.20	20 min	ERAS protocols help in improving patient outcome-Our experience	Dr Debashish Roy, University of Toronto, Canada	
10.20 - 10.40	20 min	Strategies to enhance recovery after Cardiac Surgery	Dr Subhendu Sarkar (Desun Heart Institute, Kolkata)	
10.40 - 10.50	10 min	Discussion		
10.50 - 11.00 AM - Inauguration of Scientific Exhibition Area				
11.00 - 11.20 AM - Tea Break				
Session 3 (11.20 - 12:10 PM) : Panel Discussion				
Time	Duration	Topic	Panelists	Moderator
11.20 - 12.00	40 Min	Does it make sense to admit patients in Perioperative Medicine ward	Dr Lokesh Kashyap (AIIMS, New Delhi), Dr Sanjay Choubey (Era's Med Col Lko), Dr Aditya Kapoor, Dr Rajneesh K Singh, Dr Pulak Sharma, Dr OP Sanjeev (All SGPGIMS)	Dr LN Yaddanapudi (PGIMER, Chandigarh)

12.00 - 12.10	10 Min	Audience's Questions		
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Session 4 (12.15 - 1:30 PM) : Preoperative Optimization

Time	Duration	Topic	Speaker	Chairpersons
12.15 - 12.35	20 min	Pre Op Optimization of patients with COPD for Major surgery	Dr Sonia Wadhawan, MAMC, New Delhi	Dr Suresh Singhal (PGIMS Rohtak), Dr Poonam M Kapoor (AIIMS New Delhi), Dr Monica Kohli (KGMU Lucknow)
12.35 - 12.55	20 min	Pre op Optimization of Coronary Artery Disease patient for Major non cardiac surgery	Dr Saikat Sen Gupta, Apollo Kolkata	
12.55 - 1.15	20 min	Pre op Optimization of hypertensive patient for Major non-cardiac surgery	Dr Naman Shastri, UNM Cardiac Centre Ahmedabad	
1.15-1.25	10 min	Discussion		

1.30 - 2.15 PM - Lunch

Hall A: CV Raman Auditorium

Session 5 (2.15 - 3:25 PM) : Issues in Intensive Care - I

Time	Duration	Topic	Speaker	Chairpersons
2.15 - 2.35	20 min	Prescribing an individualised nutritional regime in critically ill patients	Dr Prateek Koolwaal (EHCC, Jaipur)	Dr Minaty Choudhary (AIIMS New Delhi), Col Shaleen Trivedi (Command Hosp Lko), Dr Gunjan Chaudhry (KCGMC Karnal)
2.35 - 2.55	20 min	Critical care issues in Necrotizing Pancreatitis	Dr Sai Saran (KGMU Lucknow)	
2.55 - 3.15	20 min	Entrepreneurship in the field of Intensive Care & Periop Med	Dr Swatantra Mishra (Kuwait)	
3.15 - 3.25	10 min	Discussion		

Session 6 (3.25 - 4:10 PM) : Issues in Intensive Care - II

Time	Duration	Topic	Speaker	Chairpersons
3.25 - 3.45	20 min	Optimizing Antibiotic Regimen in Intensive Care Unit	Dr Mohan Gurjar (SGPGIMS, Lucknow)	Dr Neeti Makhija (AIIMS New Delhi), Dr Sonal Rastogi (TMH Kolkata)
3.45 - 4.05	20 min	Newer airway adjuncts; Do they have role in ICU	Dr Abhyuday Kumar (AIIMS Patna)	
4.05 - 4.10	5 Min	Discussion		

4.10 - 4.30 PM - Tea Break

Hall A: CV Raman Auditorium

Session 7 (4.30 - 5:15 PM) : Preoperative Care

Time	Duration	Topic	Speaker	Chairpersons
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4.30 - 4.50	20 min	Prehabilitation before major surgery	Dr. Maitree Pandey (LHMC Delhi)	Dr Shio Priye (RIMS Ranchi), Dr SS Nath (RMLIMS, Lucknow)
4.50 - 5.10	20 min	Perioperative Cardiac Concerns in patients with Neuro-trauma	Dr J Kavitha (Nizam's Institute, Hyderabad)	
5.10 - 5.15	5 Min	Discussion		
Session 8 (5.15 - 6:30 PM) : Orations				
Time	Duration	Topic	Speaker	Chairpersons
5.15 - 5.20	5 Min	Introduction of Prof Soma Kaushik	Prof Anil Agarwal	Prof PK Singh, Prof Anil Agarwal, Prof GP Singh, Prof Deepak Malviya
5.20 - 5.50	30 Min	Prof Soma Kaushik Oration : Changing face of Intensive care & Perioperative medicine in the era of Artificial intelligence (AI) and robotics	Prof GD Puri (PGIMER Chandigarh)	
5.50 - 5.55	5 Min	Talk on Anaesthesiology & Intensive Care dept's (SGPGIMS) foundation, development and Shaping to its present form	Prof PK Singh	
5.55 - 6.25	30 Min	Anaesthesiology Dept (SGPGIMS) Foundation Day Oration: End of antibiotic era: Dystopian fantasy or reality?	Prof Pankaj Kundra (JIPMER Puducherry)	
6.25-6.30	5 Min	Felicitation of Orators		
6.30 PM Onwards: Inauguration of Conference				
8.00 PM Onwards: Gala Dinner (Hobby Centre Lawns)				

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Day Three: 08th October 2023

Session 9 (8.40 - 9:45 AM) : Post Operative Outcome-I; Neonates and Elderly				
Time	Duration	Topic	Speaker	Chairpersons
8.40 - 9.00	20 Min	Postoperative confusion in elderly	Dr Rajiv K Dubey, IMS, BHU, Varanasi	Dr Bhupesh Kumar (PGIMER, Chandigarh), Dr Mamta Harjai (Dr RMLIMS, Lucknow)
9.00 - 9.20	20 Min	Impact of Anaesthetic exposure on Neonatal Brain development & other cognitive functions	Dr Amrita Rath, IMS, BHU, Varanasi	
9.20 - 9.40	20 Min	Intraoperative awareness; Blissfully unaware	Dr Samiksha Parashar, Dr RMLIMS, Lucknow	
9.40 - 9.45	5 Min	Discussion		

Session 10 (9:45 - 10:30 AM): Miscellaneous				
Time	Duration	Topic	Speaker	Chairpersons
9.45 - 10.05	20 min	Does the choice of anaesthetics affect oncologic outcome?	Dr Sohan Solanki, TMH, Mumbai	Dr RB Singh (IMS, BHU, Varanasi), Dr Sujeet Rai (RMLIMS, Lucknow)
10.05 - 10.25	20 min	Lung protective ventilation in ARDS: Easier said than done:	Dr Rajesh Pande, (BLK-Max Hospital New Delhi)	
10.25 - 10.30	10 min	Discussion		
10.30-11.00	30 Min	Meditation for better work-life balance (<i>Exploring aasana, meditation, and breath for deep rest and mental relaxation for doctors</i>)	Mr Peeyush Khanna (Art of Living Teacher)	

11.00 - 11.20 AM - Tea Break

Session 11 (11:20 - 12:05 PM) : Perioperative Pain Management

Time	Duration	Topic	Speaker	Chairpersons
11.20 - 11.40	20 min	Non-pharmacological and Pharmacological Methods of Opioid Sparing	Dr Shivani Rastogi, RMLIMS, Lucknow	Dr Anil K Paswan (IMS, BHU, Varanasi), Dr Prem Raj (KGMU, Lucknow),
11.40 - 12.00	20 min	Perioperative Multimodal Analgesia	Dr Manish Singh, KGMU, Lucknow	
12.00 - 12.05	5 Min	Discussion		
12.10 - 13.00	50 Min	General Body Meeting of Society	All registered members of society	
13.00 - 13.30	30 Min	Valedictory Function and Prize Distribution		

1.30 - 2.15 PM - Lunch

Hall B: HG Khurana Auditorium

Parallel Sessions for Post Graduates

Time	Duration	Topic	Speaker	Chairpersons
8.00 - 10.00	2 Hrs	Poster Presentation in Foyer	MD / DNB / DA Students from various institutes	Judges: Dr Suresh Singhal (PGIMS Rohtak), Dr Aarti Agarwal (SGPGIMS), Dr Vikram Vardhan (AIIMS, Gorakhpur), Dr Yashpal Singh (BHU, Varanasi)

8.30 - 9.30	60 Min	Podium presentation in Hall B	6 Best abstracts	Judges: Dr Sonia Wadhawan (MAMC, New Delhi), Dr Devendra Gupta (SGPGIMS, Lucknow)
10.00 - 12.30	2 ½ Hrs	PG Quiz (Prelims and Final round)	All Enrolled students	Dr Ashish Kannaujia (SGPGIMS), Dr Chetna Shamsbery (SGPGIMS), Dr Tanmay Tiwari (KGMU), Dr Samiksha Parashar (Dr RMLIMS)
11.00 - 11.20 AM - Tea Break				