



MATERNAL CRITICAL INCIDENTS AND RESUSCITATION: LEARNING THROUGH SIMULATION

Venue: APC Auditorium, Advanced Pediatrics Centre, PGIMER, Chandigarh

Date- December 09th, 2022

Co-ordinators

Dr. Kajal Jain Professor, Dept. of Anaesthesia & Intensive Care PGIMER, Chandigarh, INDIA	Dr. Anju Grewal Professor and Head, Dept. of Anaesthesiology DMC & H, Ludhiana, Punjab, INDIA	
Dr. Divya Jain Professor, Dept. of Anaesthesia & Intensive Care PGIMER, Chandigarh, INDIA	Dr. Komal Gandhi Associate Professor, Dept. of Anaesthesia & Intensive Care PGIMER, Chandigarh, INDIA	
WORKSHOP OVERVIEW		
08:00-08:15	Registration	
08:15-08:30	Pre-test	
08:30-08:45	Maternal collapse: an overview	Dr. Anju Grewal
08:45-09:00	Fundamentals of communication in crisis: skills for	Dr. Makani Purva
09:00-10:00	Module 1: OB airway management	
10:00-10:30	Tea	
10:30-12:00	Module 2: Haemorrhage in parturient	
12:00-13:30	Module 3: Pre-eclampsia/Eclampsia	
13:30-14:30	Lunch	
14:30-15:30	Module 4: Parturient with cardiac disease	
15:30-16:15	Module 5: Sepsis in parturient	
16:15-17:00	Module 6: Advanced life support in obstetrics: code OB	
17:00-17:30	Post-test and feedback	

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DETAIL PROGRAMME

Module 1: OB airway management

Moderators: Drs. Divya Jain, Neeru Sahni

Lecture 1 09:00-09:10	Why is obstetric airway difficult?	10 min	Dr. Allison Lankford
Lecture 2 09:15-09:25	Airway assessment & preparation	10 min	Dr. Manpreet Singh
1a 09:30-09:55	Case scenario	20 min	Drs. Makani Purva , Manpreet Singh, Divya Jain, Gayatri Tanwar, Chandni Sinha

Module 2: Haemorrhage in parturient

Moderators: Drs. Komal Gandhi, Shalvi Mahajan

Lecture 10:30-10:40	Maternal haemorrhage	10 min	Dr. Aruna Parameswari
2a 10:40-11:00	Station1: Estimation of blood loss/ ABG interpretation/ Point-of-care tests	20 min	Drs. Komal Gandhi, Sarvjeet Kaur, Lakhwinder Singh, Shelly Rana
2b 10:40-11:00	Station 2: Fluid replacement and blood with blood components/ CVC/IVC US	20 min	Drs. Vivek Gupta, Amarjyoti Hazarika, Sandeepika Dogra
2c 11:10-11:30	Station 3: Haemorrhage control		
	a) Surgical and medical management	10 min	Drs. Aashima Arora, Rashmi Ramachandran, Chandni Sinha
	b) REBOA	10 min	Drs. Ajay Savlania, Saneesh PJ, Shyam Charan Meena
2d 11:30-11:50	Case scenario	20 min	Drs. Akilandeswari, Karunakaran Ramaswamy , Kiran Deep Sandhu, Harpreet Kaur

Module 3: Preeclampsia & Eclampsia

Moderators: Drs. Aashima Arora, Shyam Charan Meena, Rashi Sarna

Lecture 12:00-12:10	Preclampsia & Eclampsia	10 min	Dr. Aashima Arora
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3a 12:15-12:30	Station1: Diagnosis and management of preeclampsia	15 min	Drs. Pooja Sikka, Aruna Parameswari, Shyam Charan Meena, Sandeepika Dogra
3b 12:30-12:45	Station 2: Oliguria, fluid management & lung US in pre-eclampsia with severe features	15 min	Drs. Kiran Deep Sandhu, Rashi Sarna, Neeru Sahni
3c 12:45-13:00	Station 3: Management of seizures / Optic nerve sheath US	15 min	Drs Divya Jain, Shalvi Mahajan, Saneesh PJ, Gayatri Tanwar
3d 13:00-13:30	Case scenario	30 min	Drs. Aashima Arora, Rashmi Ramachandran , Harpreet Kaur, Amarjyoti Hazarika
Module 4: Parturient with cardiac disease			
Moderators: Drs. Pooja Sikka, Komal Gandhi			
Lecture 14:30-14:40	Maternal cardiac disease	10 min	Dr. Pooja Sikka
4a 15:00-15:30	Station: Rapid OB Screening Echo (ROSE)	20 min	Drs. Komal Gandhi, Shelly Rana, Neeru Sahni
	Station: Rapid OB Screening Echo (ROSE)	20 min	Drs. Vivek Gupta, Rashi Sarna, Sandeepika Dogra
Module 5: Sepsis in parturient			
Moderators: Drs. Amarjyoti Hazarika, Rashmi Ramachandran			
Lecture 15:30-15:40	How to recognise a sick mother?	10 min	Dr. Rashmi Ramachandran
5a 15:40-16:10	Case scenario	30 min	Drs. Vivek Gupta, Pooja Sikka, Shyam Charan Meena, Karunakaran Ramaswamy
Module 6: Advanced Life Support in obstetrics			
Moderators: Drs. Anju Grewal, Neeru Sahni			
Lecture 1 16:10-16:20	Cardiac arrest in pregnancy: Ten things to know	10 min	Dr. Anju Grewal

Lecture 2 16:20-16:30	Resuscitative hysterotomy	10 min	Dr. Aashima Arora
6a 16:30-17:00	Case enactment with hands on CPR- Amniotic fluid embolism/ high spinal anaesthesia/ LAST	30 min	Drs. Anju Grewal, Makani Purva, Manpreet Singh, Manjusha Shah, Divya Jain, Neeru Sahni, Sarvjeet Kaur

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