

CRITICAL CARE COURSE In OBSTETRICS (CCC-OBST)



ORGANISED BY DELHI GYNAE FORUM AND VMMC AND SAFDURJUNG HOSPITAL.



DR. SHARDA JAIN Course Coordinator



DR PRATIMA MITTAL
Course Coordinator



**DR JYOSTNA SURI**Course Co-Coordinator



DR ANJILA ANEJA
Course Convener



# CRITICAL CARE CERTIFICATE COURSE IN OBSTETRICS

#### **Learning Objectives:**

After studying these modules on Obstetric critical care, you should be able to:

- 1. Recognize critical illness and the indications for critical care admission in the obstetric population.
- 2. Understand the physiological adaptations of pregnancy and appreciate how they impact on critical illness
- 3. Institute immediate and appropriate resuscitative measures with due consideration for both mother and fetus.
- 4. Clinically evaluate and manage both pregnancy-specific and other conditions associated with Pregnancy requiring critical care admission.
- 5. Practical Skills to be learnt to become TEAM LEADER.

#### **Faculty**





## **MODULE 1: THE BASICS: PHYSIOLOGY AND RAPID INITIAL ASSESSMENT**

- 10 mins- Introduction to course (<u>Dr Sharda Jain, Dr Pratima Mittal</u>)
- Interpretation Recommendation : what every doctor should know Dr Sharda Jain
- Pre-session Questionnaire & Self-assessment
- 40 mins- Physiological changes of pregnancy impacting critical care (Dr Jyotsna Suri)
- 45 mins- Assessment of critical obstetric patient and admission criteria to ICU/HDU (Dr Pratima Mittal)
- 5 min Concept of Obs HDU/ICU- (Dr Pratima Mittal)
- 30 mins- HDU walk through, use of HDU monitors (Dr Jyotsna Suri)
- 50 mins-Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

# MODULE 2: WHERE EACH MINUTE COUNTS: RECOGNITION AND MANAGEMENT OF OBSTETRIC SHOCK AND CIRCULATORY COLLAPSE

#### Pre-session Questionnaire & Self-assessment

- 1 hour 10 mins- Obstetric Shock and volume resuscitation (Fluid and blood products); fluids in perioperative period and nutrition in critical patients;
- consequence of shock (AKI) (Dr Jyotsna Suri, Dr Jyoti Agarwal, Dr.Megha Mittal)
- 30 mins Septic shock- golden first hour (Dr Rekha Bharti, Dr Sheeba Marwah)
- 20 mins- Use of vasopressors in shock and use of infusion pump (Dr Monika Gupta)
- 10 mins- HDU round showing the electric blanket, fluid warmer, air mattress (Dr Rekha Bharti, Dr Megha Mittal)
- 50 mins- Mentoring Session : (Dr Pratima Mittal,Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

#### **MODULE 3: MATERNAL COLLSPDE & AMNIOTIC FLUID EMBOLISM**

Pre-session Questionnaire & Self-assessment

- 70 mins -Maternal collapse differential diagnosis and- Case based discussion of pulmonary edema, diabetic ketoacidosis (Dr Jyotsna Suri, Dr Anjila Aneja)
- 25 mins- Resuscitation of pregnant woman and perimortem cesarean (Dr Rekha Bharti, Dr Sheeba Marwah)
- 05 mins- Use of defibrillator (Dr Rekha Bharti)
- 30 mins- Amniotic fluid embolism (Dr Pratima Mittal, Dr Raka Guleria)
- 50 mins- Mentoring session: (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment





#### **MODULE 4 POST PARTUM HAEMORRHAGE**

#### Experts: Dr Sharda Jain / Dr Sanjivani Khanna

- Pre-session Questionnaire & Self-assessment
- 40 mins PPH Management over view & PPH Drill... (Dr Shashi L Kabra)
- 30 mins- Bakri and balloon tamponade & NASG (Dr Leena N Sreedhar)
- 20 mins Uterine compression sutures, B Lynch, Hayman, chos (Dr Shashi L Kabra)
- 30 mins Stepwise devascularisation & Hysterectomy (Dr Achla Batra)
- 60 mins- Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain/ Dr Sanjivani Khanna / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

# RESPIRATORY FAILURE- RECOGNITION, RESPONSE AND MANAGEMENT

#### **Pre-session Questionnaire & Self-assessment**

- 45 mins- Interpretation of ABG- Case Based discussion (Dr Jyotsna Suri, Dr Rekha Bharti)
- 40 mins- ARDS and approach towards dypnoeic patient- (Dr Jyotsna Suri, Dr Jyoti Bhaskar)
- 30 mins- Oxygen therapy- (Dr Pratima Mittal, Dr Rekha Bharti )
- 15 mins- HDU rounds demonstrating NIV and basics of ventilator (Dr Jyotsna Suri, Dr Rekha Bharti\_)
- 50 mins- Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

## **MODULE 6: THE CARDIOVASCULAR AND HEMATOLOGICAL DISORDERS**

#### Pre-session Questionnaire & Self-assessment

- 40 mins- Hypertension in pregnancy: Management of Severe
   Preeclampsia/Eclampsia (Dr Anjali Dabral, Dr Rekha Bharti, Dr Meenakshi Ahuja)
- 40 mins- Peripartum cardiomyopathy (Dr Sunita Malik, Dr Kishore Rajurkar)
- 40 mins- Venous thromboembolism in pregnancy- (Dr Renu Arora Dr Madhu Goel)
- 10mins- Skill- Preparation of MgSO4 for Pritchards regime and Zuspan regime;
   usage of DVT pump- (Dr Sheeba Marwah, Dr Megha Mittal)
- 50 mins Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment





## MODULE COAGULATION DISORDERS & ANAEMIA: NEEDS EXTRA

- Pre-session Questionnaire & Self-assessment
- 20 mins- Management of DIC (Dr Achla Batra, Dr Jayshree Sunder)
- 50 mins- Management of HELLP (Dr Jyotsna Suri, Dr Neena Bahl)
- 30 mins- Severe anemia in pregnancy( case discussion) (Dr Jyotsna Suri, Dr Rekha Bharti)
- 50 mins- Mentoring session: (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja )
- Post-session Questionnaire & Self-assessment / Group assessment

## MODULEER HANCED RECOVERY AFTER CS SECTION: NEED OF THE

- Pre-session Questionnaire & Self-assessment
- 60 mins-Preoperative and intraoperative care during caesarean section- (Dr Meenakshi Sharma)
- 60 mins- Postoperative care and prevention of complications of caesarean section- (Dr Jyotsna Suri)
- 60 mins- Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

#### MODULEMEDICOLEGAL ISSUES IN CRITICAL CARE OBSTETRICS

- Experts : Dr Geetendra Sharma / Dr Hitesh Bhatt
- Pre-session Questionnaire & Self-assessment
- 60 mins- Medico legal issues in critical care obstetrics (Dr Geetandra Sharma)
- 60 mins- Case based discussion (Dr Hitesh Bhatt)
- 60 mins- Mentoring session : (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment

## MODULE 1 RAUMA AND CRITICAL CARE

- Pre-session Questionnaire & Self-assessment
- 10 min -How to make effective PPT: Dr Sharda Jain
- 60 mins- management of pregnant woman in RTA (Dr Anjila Aneja and Dr Neena Bahl)
- 60 mins- Needle stick injuries How to proceed?- (Dr Ruby Bansal)
- 60 mins- Mentoring session: (Dr Pratima Mittal, Dr Jyotsna Suri, Dr Sharda Jain / Dr Anjila Aneja)
- Post-session Questionnaire & Self-assessment / Group assessment



7 TIPS TO SUCCESS at 8:00pm one day only during the course : Dr Sharda Jain





# TOTAL 30 HOURS - LIVE CLASSES +

■ Infusion Pump

\* DVT pump

Oxygen Therapy (A to Z)

- \* Emergency Cart
- Use of Vasopressors : practical Tips
- \* Ventilator / Defibrillator how to use
- Basic Life Support learn to become team leader

- \* PPH Drill
- \* Eclampsia Drill

Training Video are our biggest USP give look as if you are watching live

# DISTRIBUTION OF CERTIFICATE WILL BE GIVEN AFTER FEEDBACK Live / written at completion of course

Course Date: Classes will be held on Every Wednesday at 2:00 – 5:00pm

Course Duration: 30 hours + hands on & Observeship

Course fee : Rs 30000/-

Please issue a cheque/ RTGD/in favour of following details

- · A/c Name :Delhi Gynaecologist Forum
- A/c No.: 0464040100000643
   IFSC CODE: JAKA0VIKAAS
- BANK NAME :Jammu & Kashmir Branch : Vikas Marg East Delhi

#### **Course Administrative Incharge**

Ms Malti 8826638849

Whatsapp same No.



First 101candidates will be given 10k president DGF concession to become AMBASSADOR OF CRITICAL CARE COURSE IN OBSTETRICS in India



# CHAMPION Of Obstetric Critical Care Course

We <u>SALUTE</u> your passion for Knowledge
Do Light 100 Lamps
Don't Settle till you Complete!

Dr. Sharda Jain (Secretory General D.F.G.) Dr. Pratima Mitta (Course Coordinator) Dr. Jyostna Suri

Buyla Burla

Dr. Anjila Aneja (Course Co-Coordinator)











