



**MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES, SEVAGRAM**

**Workshop on Basic Neonatal Care and Resuscitation Training  
Department of Pediatrics**

**Date: 13-14 August 2020**

**REPORT**



For last 26 years, Department of Pediatrics, MGIMS has been relentlessly trying to educate not only post graduate students but also the MBBS students in the nuances of neonatal resuscitation and hone their resuscitation skills by conducting a two days workshop on basic new born care with neonatal resuscitation training. As Nursing staff in labor room and NICU is the backbone in newborn care we started training these essential skills to our staff too.

In the midst of the COVID pandemic, medical education has witnessed several disruptions. To continue teaching and learning, online mode was adapted successfully by overcoming the

challenges. However in clinical dynamic branches like Pediatrics, teaching skills to post graduate students and staff nurses is utmost important for effective patient management. Effective neonatal resuscitation is a vital skill to be performed in first golden hour to improve the neonatal outcome. To train our postgraduate junior residents along with new staff nurses joined in labor room and NICU, Postnatal ward, Department of Pediatrics of MGIMS Sevagram organized a two days exclusive training on **Basic Neonatal Care and Resuscitation on 13, 14 August 2020** in our department following Covid appropriate behavior.

Dr. Manish Jain Professor and Head of the Department was an organizing secretary to plan and implement this workshop. Dr. Chauhan V, Dr. Jategaonkar S, Dr. Jadhav S, Dr. Meshram P, Dr. Chandel A from our department were actively involved in training the participants. **Total 15** people including **seven postgraduate residents** and **eight junior staff nurses** participated enthusiastically. Over the time, we have evolved this activity based on various principles of adult learning and tried to make it more learner friendly. We dropped off most didactic lectures and incorporated extensive hands on learning of the skills on the mannequins.

**On 13<sup>th</sup> August**, we discussed various basic, nevertheless important, aspects of newborn care like prevention and management of hypothermia, feeding of normal and low birth weight babies, neonatal jaundice, neonatal sepsis, respiratory distress, danger signs etc.

**On 14<sup>th</sup> August**, we made small groups of 3 participants each with social distancing where they could interact with the facilitator faculty, give feedback to each other and could learn together with problem based and peer driven learning. We broke the whole newborn resuscitation algorithm into specific individual skills and started with how to prepare for the birth. The whole team learnt the same topic simultaneously by first watching a video demo together as a large group and then breaking down into small groups and practicing the skills at their own table. As the day passed by, we moved from preparation for birth, to routine care at birth, initial steps of resuscitation, bag-mask ventilation and chest compressions, to finally advanced care.

At the end all the participants were satisfied with this workshop mainly due to its interactive hands on learning experience.