



St. John's
National Academy of
Health Sciences

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Visiting Observership in the Department of Neonatology

Duration : 2 months, full time
Eligibility : MD in Paediatrics

Course content:

The observer will be posted for 4-8 weeks in the High Dependency unit (HDU).

Here they will learn about:

- The care of extremely low birth weight neonates
- Neonates who need invasive and non-invasive ventilation
- Preparation and administration of total prenatal nutrition
- Management of neonates who require Nitric oxide therapy
- The remaining 2-4 weeks will be in the post-natal wards, labour room, MNICU and KMC ward here they will learn about the care of growing preterms, Kangaroo mother care, enteral nutrition, resuscitation of high-risk neonates
- In addition: Observers will attend the Newborn follow up clinic twice a week and learn about the neurodevelopmental assessment and follow up of high-risk neonates, they will attend daily rounds and teaching programs and will learn the principles of infection control in NICU.

A list of procedures that they will learn is given below:

- Attendance at delivery of high-risk newborns
- Umbilical vein catheterization and management (UVC)
- Umbilical arterial catheterization and management
- Exchange transfusion
- Endotracheal intubation
- Respiratory support: Mechanical ventilation set up and management (IMV)
- Respiratory support: CPAP set up and management (CPAP)
- Surfactant administration
- Chest tube insertion and management
- Peripheral arterial catheterization
- Preliminary EKG interpretation

- Paracentesis, thoracentesis, pericardiocentesis
- Cardioversion
- Order TPN
- Brain ultrasound

The course content of the Visiting Observership Program is available on our website.

Please find the link below:

https://www.stjohns.in/medicalcollege/Short_term_Training_Foreign_Doctors.php


Dr. George A. D'Souza, MD, DNB

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