

Neonatal Procedures Workshop

PEDICON 2010

Aditya Hospital

Hyderabad

Jan 5th, 2010



dr

Co-ordinator

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Faculty

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9.00-9.15 AM	Welcome, Introductions and Objectives	Dr.Praveen/Dr.Ravishankar
9.15-9.30 AM	Pre-test	
9.30 -10.00 AM	Arterial lines	Dr.Pritesh
10.00-10.30 AM	Venous lines	Dr.Shriram
10.30-11.00 AM	Tea	
11.00 AM-12.30 PM	Workstation 1: Venous Lines	Dr.Shriram Dr.Vijaykumar Dr.Ravishankar
11.00-12.30 PM	Workstation 2: Arterial lines	Dr.Pritesh Dr.Praveen Dr.Vijaykumar
12.30-1 PM	Physiologic monitoring	
1-2 PM	LUNCH	
2.00-2.30 PM	Drug administration	Dr.Ravishankar
2.30-3.00 PM	Developmentally supportive care	Dr.Praveen
3.00-3.45 PM	Workstation 3: Physiologic monitoring and blood sampling	Dr.Shriram Dr.Vijaykumar Dr.Pritesh Nurses
3.45-4.00 PM	Tea	
4.00-4.45 PM	Workstation 4: Drug administration and developmentally supportive care	Dr.Praveen Dr.Ravishankar Nurses
4.45 -5.00 PM	Valediction	

Suggested contents of presentation (video presentation wherever possible)

1. Arterial Lines: Indications, Contraindications, Procedure, Monitoring, Maintenance, Complications, documentation , transillumination
 - a. Umbilical Artery
 - b. Radial Artery
2. Venous Lines: Indications, Contraindications, Procedure, Monitoring, Maintenance, Complications, documentation , Extravasation injuries
 - a. PIVC
 - b. UVC

- c. PICC
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- 3. Physiologic Monitoring: Indications, Procedure, Monitoring, Maintenance, Complications, NICU monitoring charts
 - a. Temp
 - b. Cardiac/Resp monitoring
 - c. BP
 - d. Capnography
 - e. TcB
 - f. RBS
 - g. Input/Output- urine collection, weight recording
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- 4. Drug Management
 - a. Prescription
 - b. Drug requisition and storage
 - c. Administration, pumps
 - d. calculation
 - e. documentation
 - f. errors
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- 5. Developmentally supportive care
 - a. Sensory development
 - b. NICU environment and discipline
 - c. Comforting
 - d. Non-pharmacological analgesia
 - e. KMC
 - f. Outcomes

Workstation 1 and 2

Demonstrations and hands-on practice in 2 groups –on manikins and cords—one group on venous lines another on arterial lines –45 min each

Workstation 3 and 4

One group on Physiologic monitoring and blood sampling-45 min

Another on Drug administration and developmentally supportive care-45 min