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Assess the practice regarding hand hygiene measures in neonatal intensive care unit among nursing personnels at selected hospitals, Puducherry

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Introduction: Hand hygiene is considered as primary measure for reducing the risk of transmitting organisms to patients and health care personnel (HCP).

Objectives: To assess the practice of nursing personnel regarding hand hygiene measures in neonatal intensive care unit.

Methods: The study was conducted on 20 staff nurses in NICU at selected hospitals at Puducherry. Study design was non-experimental design, purposive sampling technique was used. The instrument used for data collection was observational checklist which consists of five moments of hand washing

Results: 12(60%) subjects used hand washing before and after gowning procedure. 15(75%) subjects were used hand rub before patient contact. 9(45%) subjects were used hand

rub after contact with patient, equipment, or removing gloves. 12(60%) subjects were used hand washing after body fluid exposure risk, 1(5%) subjects were used hand washing before preparing medications, 5(25%) subjects were used hand washing before handling EBM, 9(45%) subjects used hand rub before and after aseptic procedure, 11(55%) subjects were used hand washing before and after changing diaper, 14(70%) subjects used hand washing after handling laundry or wastes, 18(90%) subjects were used hand washing before and after eating.

Conclusion: Observation revealed high compliance especially in nurses. The data provide a detailed characterization of hand hygiene performance in neonatal ICU setting.

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