بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية
التوثيق الالكتروني والميكروفيلم

جامعة عين شمس

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لم ترد بالأصل

Performance of Nurses Caring for Neonates with Persistent Pulmonary Hypertension:
An Assessment Study

Thesis

Submitted for Fulfillment of the Requirent for Master Degree in Pediatric Nursing
(Neonatal Nursing)

By

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2021

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List of abbreviations

Abb.	Full term
BPD	Broncho Pulmonary Disblasia
BPF	Pulmonary Blood Flow
CDH	Congenital Diaphragmtic Hernia
CXR	Chest X-ray
ECMO	Extra Corporal Membrane Oxygenation
ETT	Endotracheal Tube
IDC	Integrative Developmental Care Model
INO	Inhaled Nitric Oxide
IVC	Inferior Vena Cava
MAS	Meconium Aspiration Syndrome
NICU	Neonatal Intensive Care Unit
NSAIDs	Non Steroidal Anti Inflammatory Drugs
NTE	Natural Thermal Environment
PDA	Patent Ducts Arterioses
PFO	Patent Foramen Ovale
PPHN	Presistent Pulmonary Hypertension of Newborn
PVR	Pulmonary Vascular Resistence
SSRI	Selective Steronine Reuptake Inhibitors
SVC	Superior Vena Cava
SVR	Systemic Vascular Resistence
TPN	Total Parenteral Nutrition
TTN	Transiet Tachypnic of Newborn

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Abstract

Background: Persistent pulmonary hypertension of the newborn (PPHN) is a syndrome of failed circulatory adaptation at birth due to delay or impairment in the normal fall in pulmonary vascular resistance (PVR) that occurs after birth. **Aim of the study:** To assess performance of nurses caring for neonates with PPHN. **Design:** A descriptive design was used in this study. **Settings:** This study was carried out in neonatal intensive care units at Children's Hospital and Obestatric Gynacological Hospital affiliated to Ain Shams University and Fayoum General Hospital affiliated Ministry of Health in Fayoum Governorate. **Subjects:** A convenient sample of all available staff nurses (100) and working in the previously mentioned settings. A Purposive sample of neonates with inclusions criteria: neonates with gestational age more than 37 weeks of gestation and their birth weight more than 2500 gm. **Data collection**: Three tools were used in this study as follows, 1. Predesigned questionnaire, 2. Observational checklist and 3. Attitude rating scale. **Results:** Findings revealed that high statistically significant relation, positive correlation between total knowledge with total attitude and positive correlation between total knowledge with total practice, total attitude and total practice.. **Conclusion:** More than half of studied nurses had good knowledge about PPHN, three quarters of studied nurses had competent practice during caring for neonates with PPHN, and the majority of them had positive attitude regarding caring for neonates with PPHN. **Recommendations:** Increasing staff nurses knowledge through educational program and training courses.

Key words: Persistent Pulmonary Hypertension, Meconium Aspiration Syndrome, Pulmonary Vascular Resistance, Neonatal Intensive Care Units, Neonates, Performance of Nurses