

An Exploratory Study on Newborns Using Massage Oil to Induce Miliaria

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Abstract : Background: There are approximately 600 newborns that stay four weeks in our postpartum agency every year. As we all know, newborn's skin is 40-60% thinner than adult skin, newborn skin has a higher trans epidermal water loss, so many postpartum agencies use massage oil every day, no matter which seasons. In fact, neonatal miliaria or prickly heat is the most common condition from two to three -week- old newborns. According to research, about 80 percent of two to three -week- old baby are diagnosed with prickly heat because nurses apply massage oil to their faces every day. In China, we can use honeysuckle to wipe the newborn's face for treatment. Purpose: the purpose of the study is to discuss that using massage oil will be induced neonatal miliaria among two or three-week-old newborns and the aim of the study is to assess the protocol of miliaria condition with the face. Methods: a quasi-experimental design was used to evaluated the result between massage oil and non massage oil. A total of 22 participants were recruited randomly and analyzed from August to September in the south of China and collected for about 2 week long. The 22 participants were randomly selected and live in the stable air condition belong, 24 to 26°C. Results: the 64% of participants were diagnosed with miliaria using massage oil, the 2/8 of participants were diagnosed with miliaria no using massage oil. The pearson correction was 0.67. The result of 22 participants, including massage oil, and diagnosed with miliaris. Besides, in our study, 9 of participants with miliaria for 3 to 6 days on the face, were treatment with honey-suckle wipe 3days through pediatric doctor suggestion. The effect of honey-suckle were useful in improving miliaria and decreasing the anxiety of parents. Conclusions: Miliaria is a common condition in newborns, especially in summer. The authors postulate that the massage oil did not find suitable for newborn in summer, and the study provides evidence that honey-suckle effectively control miliaria on using massage oil of participants.

Keywords : massage oil, miliaria, newborn, honey suckle

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