

ABSTRACT

This thesis deals with nursing care of skin defects using a wet therapy in neonatology.

The first section summarizes information related to preterm infants, the development of the individual layers of the skin in the embryonic period. It lists the types of skin defects which the neonatology nurse may frequently encounter at the department with including a list of modern therapeutic coverage that can be used. It lists a brief history of wound healing too, focusing just on the development of the wet therapy. Furthermore is marginally discussed the evaluation and documentation of damage to the skin wound. For interest, the thesis mentions a case report of the preterm newborn with the necrosis of the lower limb, accompanied by commentaries of the alternative treatment for this type of skin damage from my own experience.

The second part is assessing the awareness of the nurses in the modern methods of the healing. The priority is the mapping of the experience in using the wet therapy through the quantitative research, which is mediated by an anonymous questionnaire. The main goal of the research is to determine the awareness of the nurses from the neonatology intensive care unit, resuscitation and intermediate care in the nursing of the skin defects using a wet therapy. For this purpose the chosen method was questionnaire survey.

For the analysis of the data was chosen descriptive statistics with the evaluation of the questions in the questionnaire based on the theory dedicated to this topic. For the participation in this survey were asked two perinatology centres from Prague. In total 120 respondents attended this survey (50,83 % NICU; 49,17 % IMC).

The survey showed that awareness of the nurses is generally satisfying I see. The main weaknesses in the context of the awareness of the different types of the wound dressing and the factors that influence the formation of the skin lesions.

Based on the analysis of the data was processed the compendium Wound care in neonatology, the algorithm of the wound assessment and presentation of the concept of the modern approach of the wound care in neonatology, which could be presented to the new nurses under the adaptation process.

Keywords: Neonate, skin defect, wet wound healing, modern therapeutic coverage, wound, necrosis