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## FUNCTIONAL CLOTHING PRODUCTS ELABORATED IN ACCORDANCE WITH THE SPECIFIC POSITIONING OF PREMATURE CHILDREN

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*The paper presents the study of the correct positioning of premature babies in the neonatal therapy ward. By analyzing the positions recommended for the growth and development of children, functional clothing products adapted for various medical procedures to which these small patients are subjected during their stay in neonatal therapy have been developed. The involvement of the parents of this category of carriers in the care and provision of the necessary help was taken into account. Functional clothing has an important role in the process of care and providing the necessary support. In this context, solutions adapted in accordance with the recommendations of the medical staff and the requirements of this category of carriers are presented.*

**Key words:** specific positions, medical procedures, care assistance.

### INTRODUCTION

The health of preterm infants remains a significant challenge, and clothing products designed according to the requirements and methods of positioning these young infants in the intensive care unit can help reduce neonatal mortality. Nurses in the therapy unit implement practices based on the needs of vulnerable infants, from the first minute of life.

There are few studies that identify the scope of nursing procedures in a NICU [1-7]. The study was carried out on the basis of the Municipal Maternity Hospital Gheorghe Paladi No. 1 from Chisinau in the Intensive Care Unit. In some studies, nursing procedures have focused only on aspects of providing medical aid, but the process of dressing and undressing and the importance of correct positioning of the preterm infant has been little studied.

The time spent in the neonatal intensive care unit is the most important and critical period in the life of a premature baby. An important role in this stage is played by the speed of decision-making and the professional training of the medical staff. The importance of medical care also lies in creating a supportive environment, not only for premature babies, but also in adopting a correct approach by the family in raising and caring for them.



The objective of the study is to analyse the advantages and disadvantages of positioning children for growth and development, which will allow us to develop clothing products adapted to their requirements.

The provision of effective medical care by medical personnel is somewhat restricted by the types of existing clothing products that are not adapted to medical equipment and facilities, which significantly affects the possibility of using high medical technologies.

Therefore, the developed products will contribute to the accessibility of medical investigations, wearing comfort and positioning for growth and development.

### **CONCLUSIONS**

Solving the correct positioning can improve the quality of medical procedures, contribute to improving the ergonomic properties of clothing for premature babies.

The creation of functional clothing products adapted with functional and constructive elements, which facilitate medical procedures, taking into account the specifics of positioning, will not only contribute to the rehabilitation of premature babies, but will also increase the level of social protection and the quality of life of patients.

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