
STUDY OF THE LEVEL OF AWARENESS OF MEDICAL PROFESSIONALS FOR PROVIDING HEALTH CARE IN CASE OF INJURY

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Abstract: The World Health Organization defines health care as care for all people of all ages. It should be a society-wide approach to health and well-being, focusing on the needs and preferences of people, families and communities. This approach must focus on the determinants of health and on the interrelated aspects of physical, mental and social health and well-being. Health care for patients with injuries is performed in all medical institutions, which creates the need for continuous training of medical professionals and work on algorithms for quality health care in case of injuries. Early rehabilitation, patient education and eventual disability at home are key to rehabilitating patients, improving their quality of life and their confidence in the healthcare system. Objective: To study the level of awareness of medical professionals about the provision of health care in case of trauma. Materials and methods: The study was conducted with 43 graduates of health care, Bachelor's degree in 2021 year and 48 medical specialists, with employment from 1 to over 15 years working in the field of healthcare. The survey is anonymous, and for this purpose separate questionnaires were developed for the two groups of respondents. Documentary, sociological and statistical methods were used. The processing of the results was carried out with SPSS 19. Results: A large percentage of respondents from both groups are of the opinion that the accumulated work experience in medical institutions is of great importance for quality performance and care. At the same time, 71.43% of the graduates in 2021 year medical specialists and 52.08% of the nurses working in the field of healthcare express their desire to be additionally trained to work with patients with traumatic disabilities. For the preparation and competence in providing emergency / urgent care only 16.67% of the newly graduated nurses and 18.75% express doubt about providing help in case of trauma. Conclusion: The training of medical specialists is linked to the health needs of the population. The professional development of medical specialists in the conditions of rapidly developing technologies and scientific knowledge in medicine is essential.

Keywords: Medical professionals, trauma, health care

1. INTRODUCTION

The development of modern healthcare is based not only on the development of medical science, but also on the application of theoretical statements about organizations and the inevitable changes that accompany them. The twenty-first century is a century of health care. Good health care management for trauma patients can lead to significant benefits related to improved access to services, higher quality of care provided, reduced costs and patient satisfaction. Healthcare is a type of service that includes medical care for patients, as a general medical approach by doctors and nurses. They are performed in all medical institutions, which creates the need for continuous training of medical professionals and work on algorithms for quality health care in case of injuries. Early rehabilitation activities, training patients to deal with the disease and possible disability at home are of paramount importance for patients' recovery, improving their quality of life and their confidence in the healthcare system.

The severity of the injury is determined by: the location, extent and depth of the affected areas; the period from the occurrence of the trauma to the beginning of the therapy and the method of treatment. The specifics of the treatment process and care require a multidisciplinary approach of medical teams from all structures of the health system. This imposes algorithms for quality health care in cases of injuries, awareness and increasing the professional competence of health care professionals involved in each stage of the treatment and diagnostic process, in terms of risk factors, the severity of the trauma, the pre-hospital behavior towards the victims at the scene of the accident, as well as the rendering of first medical care in the out-of-hospital care. The UN Sustainable Development Agenda offers new opportunities to ensure that all people have access to the highest standards in health and health care. According to the EU Health Strategy "Together for Health - An EU Strategic Approach", healthcare professionals have a key role to play in the proper functioning of the entire healthcare system.

Providing quality medical care to the population is one of the main goals in the management of the health care system.

2. MATERIALS AND METHODS

The study was conducted with 43 graduates in health care, Bachelor's degree in 2021 and 48 medical specialists, with employment of 1 year up to over 15 years working in the field of healthcare. The survey is anonymous, and for

this purpose separate questionnaires were developed for the two groups of respondents. Documentary, sociological and statistical methods were used. Processing of the results was performed with SPSS 19.

3. RESULTS

The analysis of the data from the survey is focused on the preparation for care of patients with traumatic disabilities, additional training of health care professionals and training of patients and their relatives to deal with disability due to trauma. Our study found that a relatively large percentage of health care professionals are familiar with the nature of care work in trauma patients.

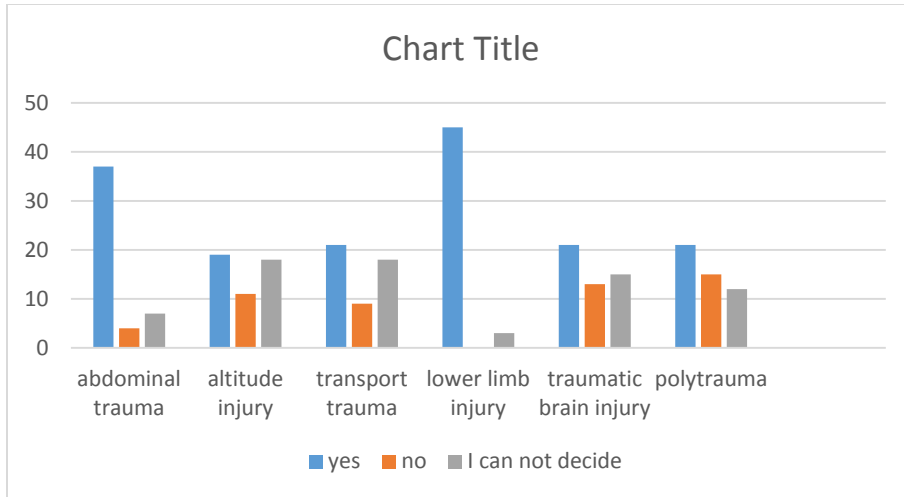


Figure 1 "Are you aware of what activities and care are provided for a patient with ...?"

93.02% of respondents with no professional experience as health care professionals believe that they are prepared practically and theoretically for work as a nurse, but still 16.67% (Figure 3) have doubts when asked “Do you feel prepared to be urgent / urgent assistance to a victim in case of trauma?”, as well as 18.75% (Figure 4) medical specialists with employment of 1 year up to over 15 years working in the field of healthcare. Which respectively directs us to the issue of additional training of health care professionals.

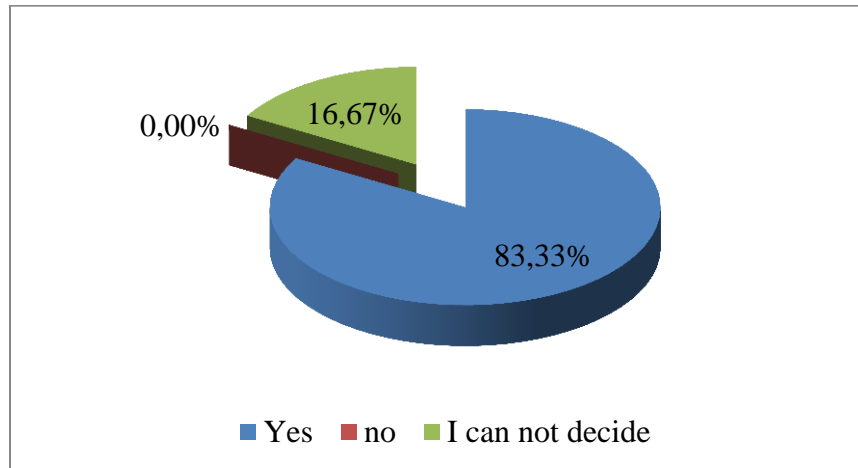


Figure 2. Medical specialists in health care, Bachelor's degree graduated in 2021.

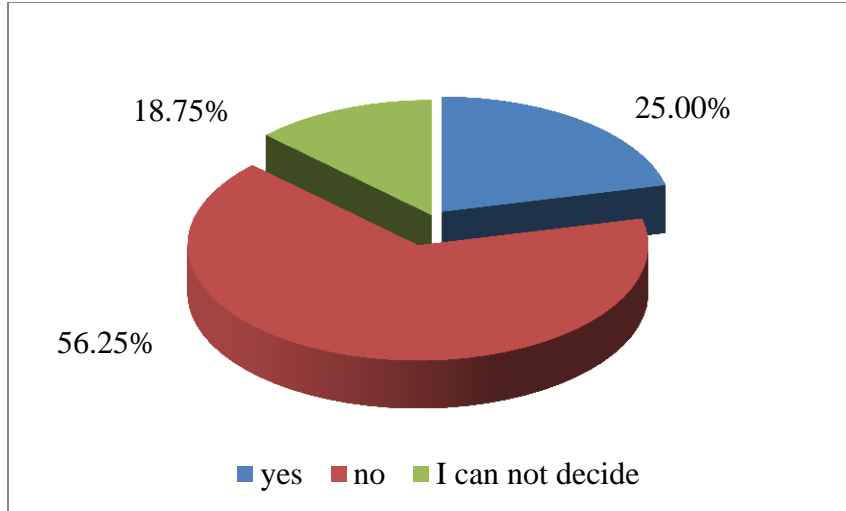


Figure 3. Medical specialists, with employment of 1 year up to over 15 years working in the field of healthcare.

To the question "Do you consider it necessary, additional training of health care professionals working in an emergency center / emergency care?" 71.43% of newly graduated medical professionals (Figure 4) and 54.35% of medical professionals with employment of 1 year up to over 15 years working in the field of healthcare (Figure 5) are of the opinion that the continuous training of medical specialists is extremely important in the conditions of avalanche development of medical technology and practice. New knowledge and skills are needed to perform highly specialized care and manipulations. According to the management of the Bulgarian Association of Healthcare Professionals, continuing education should be mandatory, not a recommended element in the healthcare system. Providing quality medical care to the population is one of the main goals in the management of the health care system.

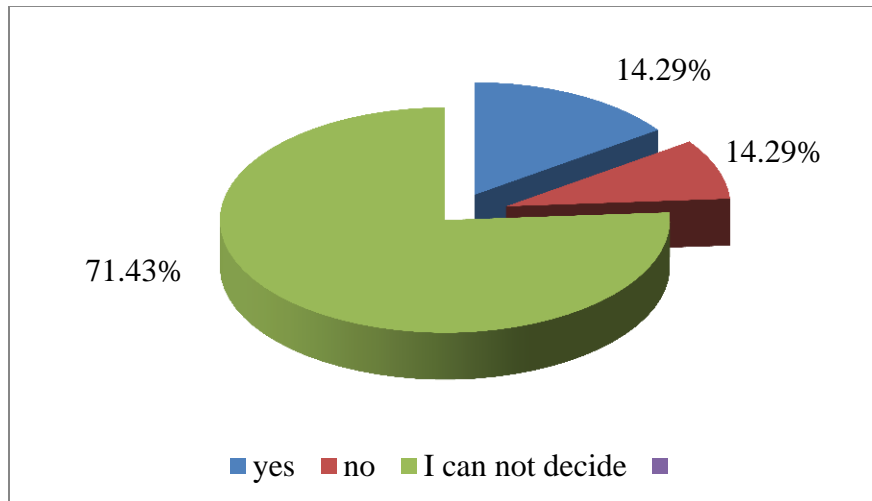


Figure 4. Medical specialists in health care, Bachelor's degree graduated in 2021.

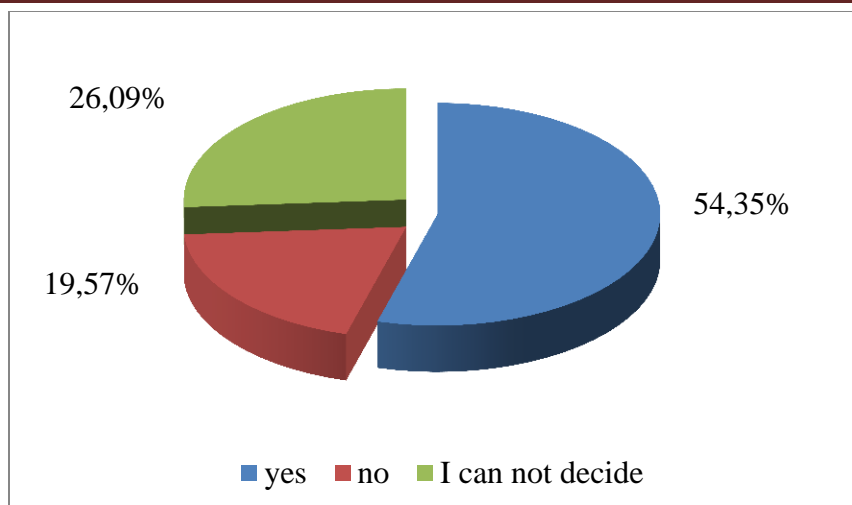


Figure 5. Medical specialists, with employment of 1 year up to over 15 years working in the field of healthcare.

The training function, the medical specialist applies in a formal and informal environment. Health education and training is a priority in every age group. According to the WHO, therapeutic education for patients is designed to help them acquire or maintain the skills they need for optimal management and life after trauma. Of the 48 respondents working in the field of healthcare, 81.25% expressed a positive opinion about the patient's education directed individually with the patient and his relatives. The place and role of the nurse is essential in this learning process, because the informed and trained patient is able to make adequate health decisions and actively participate in their treatment process. In order to be a successful trainer of patients with traumatic disabilities and their families, the medical specialist must know and master the principles and methods of pedagogy and andragogy.

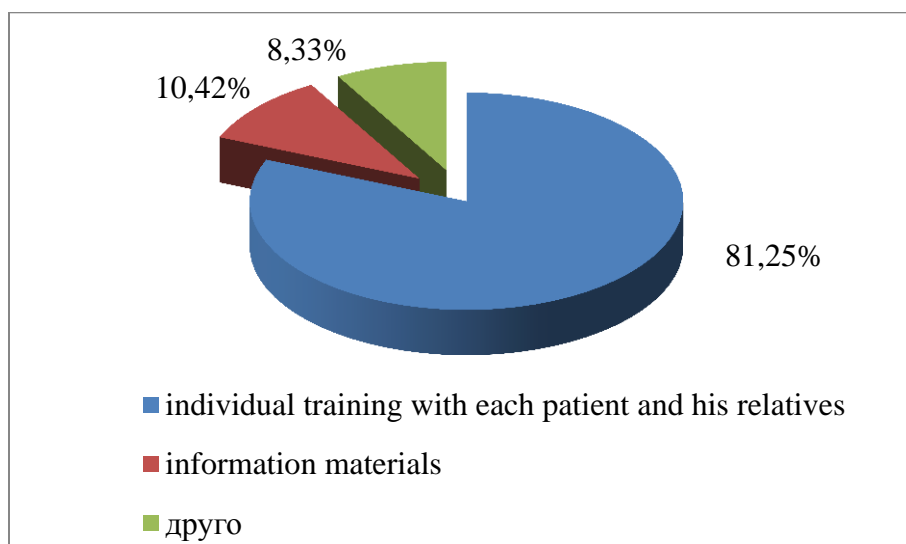


Figure 6. In the clinic / ward where you work, is footwear provided and in what form is it given to patients and their relatives to deal with disability due to trauma.

4. CONCLUSION

The science of care is an ancient, inseparable part of medicine, but it has its traditions and innovations, which every young specialist needs to get acquainted with in order to grow up responsible and self-confident, striving for quality care, moral observance. -ethical norms of behavior and confidentiality of information.

The study found that the level of awareness of medical professionals to provide health care in case of trauma is high. The profession of a nurse requires dynamism, security and opportunities to work under conditions of emotional stress and intellectual tension. Nursing is focused on helping the individual, family, or community achieve or maintain optimal health and life. The focus of nursing is holistic care for the person, including health promotion,

maintenance, treatment and rehabilitation, support and terminal care for individuals of different age groups. The level of professional qualification of the nurse corresponds to the modern achievements of medical science and practice.

REFERENCES

- Vasileva, N. (2015). The profession of nurse - motivation and vocation. Sofia, CMB, MU - Sofia,
- Dimitrova, A., Dimitrova, M., Kantareva, P., & Ilieva, M. (2017). Standard behavior in the treatment of patients with burns in emergency departments of hospital care. Knowledge International Journal (Skopje), Dec. 2017, 20.4: 2027-2035.
- Dimitrova, S. (2018). Application of health care standards in outpatient care. Dissertation, MU - Varna
- Mladenova, S., Balkanska, P., & Georgieva, N. (2019). Students majoring in Nursing for the learning process. Health Policy and Management, (2); 125-127
- NATIONAL HEALTH STRATEGY 2021 - 2030
- Spasova, M., & Stambolova, I. (2016). Nursing in Europe - policies regarding nurses. Management and Education