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THE DEVELOPMENT OF A SUBSYSTEM FOR PALLIATIVE PATIENTS INFORMATION SUPPORT

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Palliative care is a comprehensive approach aimed at ensuring the highest possible quality of life for palliative patients and their families, by preventing and alleviating suffering through early detection and accurate diagnosis of symptoms of pain and disorders, adequate treatment, symptomatic (adjuvant) therapy and care, provision of psychological, social, spiritual and moral support, regardless of illness, age, social status, nationality, religious and political beliefs, place of residence of the patient, etc. Palliative care is based on a comprehensive interdisciplinary assessment of the patient's physical condition, the degree of pain and dysfunction, psycho-emotional, cognitive and cultural characteristics, the maximum possible and comprehensive consideration of the needs and wishes of the patient and his family, prognosis and life expectancy. Palliative care begins at the time of diagnosis of an incurable progressive disease and a limited prognosis and continues until the end of the family's period of grief.

Every year, more than 600,000 incurable patients in Ukraine need palliative care - cancer patients, the elderly, people living with HIV / AIDS, diabetes, tuberculosis and other terminal diseases.

According to the standards of the World Health Organization (WHO), the required minimum is 100 beds for palliative patients per 1 million population. According to expert data of the Ukrainian League for the Development of Palliative and Hospice Care, as of the beginning of 2017, there are only 7 hospices in Ukraine, 2 palliative care centers (Ivano-Frankivsk, Kharkiv) and more than 60 specialized palliative care units with a total of about 1,500 beds for palliative care with a minimum need of 4,000 inpatient beds (According to the WHO).

In addition, Ukraine has virtually no extensive system of care for terminally ill patients at home, although, according to statistics from the Ministry of Health, most palliative patients die at home.

In addition, today in Ukraine palliative and hospice departments of treatment and prevention facilities are extremely limited in resources and do not have the ability to provide patients with even the most necessary: medical equipment, anti-decubitus mattresses and other medical devices. Due to lack of funds, unfortunately, the material and technical base of many existing hospices and palliative care departments does not yet meet the standards, and the conditions of patients in these institutions are unsatisfactory, which can be considered a violation of patients' rights.

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In Ukraine, the need for inpatient and outpatient palliative care is met by only a small proportion of patients. As a result, hundreds of thousands of patients with end-stage cancer and many chronic incurable diseases who need palliative and hospice care die alone at home, suffering from pain, depression and other symptoms of the disease, in the absence of professional care, social and psychological support.

The introduction and development of palliative care in Ukraine is not possible without the creation of an appropriate legal framework governing various areas of medical and social care, in particular, adequate analgesia, access of patients and their families to hospice services and palliative care teams, development human resources of palliative care institutions, development of private palliative care institutions and more.

While in developed democracies palliative care is regulated by government programs and is an important component of the health care system, in Ukraine the State Program for the Development of Palliative Care Systems, developed in 2008, remains un approved and unfunded. The system of financing, establishment and operation of palliative care units is not regulated by any document or order of the Ministry of Health or the Government of Ukraine.

An important problem is the creation in Ukraine of a training system that is involved in the provision of palliative and hospice care. There is a lack of staff with appropriate professional training in palliative care, lack of medicines, equipment, etc., not to mention inadequate sanitary and hygienic conditions, due to the lack of appropriate standards and regulations. While the country's leading medical universities have recently introduced palliative care and postgraduate training programs for physicians and midwives, the palliative care training system for social workers, psychologists, medical chaplains, and volunteers remains virtually non-existent.

It should be noted that the current and unresolved issue is the supply of medicines for people with fatal diseases, as well as the possibility of re-supply of such drugs between patients.

Improving the efficiency of palliative care support systems through the development of an automated information system using modern infocommunication technologies is a very important aspect in life.

The object of development is the automation of the process of providing medical services.

The subject of development is the software of the information system of support of palliative patients.

To achieve this goal, it is necessary to consider existing methods of palliative care; compare and analyze them and offer new ideas for improving the lives of people with deadly diseases.

The result is the software implements a subsystem of information support for palliative patients.

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