

# Application Experience of High-Quality Nursing Services in Oncology Care

Sha Wu\*

\*Correspondence to: Sha Wu, China Medical Academy Cancer Hospital Shanxi Branch, Taiyuan City, Shanxi Province, 030013, China, E-mail: [1417234751@qq.com](mailto:1417234751@qq.com)

**Abstract:** This article aims to explore the application and effects of high-quality nursing services in oncology care. By implementing high-quality nursing services for 100 cancer patients and collecting data through questionnaire surveys and quality of life assessment tools, the impact on patients' quality of life and nursing satisfaction was analyzed. The results showed that high-quality nursing services significantly improved patients' quality of life and nursing satisfaction.

**Keywords:** high-quality nursing services; oncology care; application experience; quality of life; nursing satisfaction

**I**ntroduction: With the shift in medical paradigms and the continuous improvement of people's health needs, nursing services, as an integral part of medical care, are increasingly under scrutiny for their quality and effectiveness. High-quality nursing services, as a new nursing model, centered around patients and emphasizing holistic care and personalized needs, have been widely applied in clinical practice. This article aims to share the application experience of high-quality nursing services in oncology care, with the hope of providing insights for clinical practice.

## 1. Experimental Data and Methodology

### 1.1 Selection of Research Subjects

To ensure the breadth and representativeness of the research results, 100 cancer patients were selected from different departments and time periods as research subjects. These patients had a wide age distribution and balanced gender ratio, covering various common types of cancers such as lung cancer, breast cancer,

and gastric cancer. Before participating in the study, all patients signed informed consent forms and were clearly briefed on the purpose and methods of the research.

### 1.2 Implementation of High-Quality Nursing Services

High-quality nursing services indeed represent a comprehensive and diversified nursing model, with its core philosophy centered around the needs and comfort of patients, thus providing the most targeted and personalized nursing care. For cancer patients, a specially tailored comprehensive and systematic nursing plan was developed. This plan covers multiple dimensions from psychological care to symptom management, and from daily life care to rehabilitation guidance, aiming to comprehensively meet the needs of patients at physical, psychological, and social levels. In terms of psychological care, it is well known that cancer patients often face significant psychological



© The Author(s) 2024. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License (<https://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, sharing, adaptation, distribution and reproduction in any medium or format, for any purpose, even commercially, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made.

pressure and fear. Therefore, professional psychological care personnel were provided to help patients alleviate anxiety and fear through listening, comforting, and counseling, thus instilling confidence in overcoming the disease. Communication and cooperation with patients' families were also emphasized to provide emotional support and solace. In terms of symptom management, comprehensive interventions were adopted for various symptoms experienced by cancer patients, such as pain, nausea, and vomiting. Through various means including medication, physical therapy, and traditional Chinese medicine adjustment, efforts were made to alleviate patients' suffering and improve their quality of life. In terms of daily life care, attention was paid to patients' daily life needs, providing them with a clean and comfortable hospital environment and assisting them with daily activities such as washing, dressing, and eating. Nutritional intake of patients was also monitored, and scientific and reasonable dietary advice was provided to ensure that patients received sufficient nutritional support. Through various means including exercise therapy, physical therapy, and occupational therapy, efforts were made to help patients gradually restore physical function and improve their quality of life.

### 1.3 Data Collection

During this process, two main methods, namely questionnaire surveys and quality of life assessment tools, were employed to systematically collect relevant data. Firstly, meticulously designed questionnaire surveys were distributed. These questionnaires not only covered the overall satisfaction of patients with nursing services but also included detailed inquiries about their psychological status, quality of life, and disease symptoms during the nursing process. Through this method, a deeper understanding of patients' subjective feelings and changes after receiving high-quality nursing services could be obtained. To ensure the accuracy and effectiveness of the questionnaire, relevant research results from both domestic and international sources were thoroughly referenced during the design process, along with multiple revisions and improvements based on professional knowledge and experience. Secondly, in order to objectively assess changes in patients' quality of life before and after receiving high-quality nursing services, professional quality of life assessment tools were also employed.

These tools covered various aspects including patients' physiological functions, psychological status, and social relationships, quantifying patients' quality of life through a scientific scoring system. Through these assessment tools, a more accurate understanding of the actual improvement in patients' quality of life after receiving nursing services could be obtained. During the data collection process, emphasis was particularly placed on the selection of time points. All data were collected before and after patients received high-quality nursing services, ensuring the accuracy and reliability of the research results. Strict adherence to the requirements of time points ensured that questionnaire surveys and quality of life assessments were conducted on patients at the same time points, thus accurately reflecting the impact of nursing services on patients.

### 1.4 Data Analysis

After the collected data were organized, statistical methods were employed for analysis. Firstly, descriptive statistics were used to understand the basic characteristics and levels of quality of life of the patients. Then, methods such as t-tests were employed to compare the changes in data before and after patients received high-quality nursing services, evaluating the actual effects of high-quality nursing services. All data analysis was conducted using professional statistical software to ensure the accuracy and reliability of the results.

## 2. Application of High-Quality Nursing Services in Oncology Care

### 2.1 Patient Needs Assessment and Individualized Care Plan Development

In the provision of high-quality nursing services, assessing patient needs is our primary task. This step involves not only collecting basic information from patients but also gaining comprehensive and in-depth understanding of them. Various assessment tools and methods, including questionnaire surveys, face-to-face communication, and observation, are employed to understand patients' needs, concerns, and expectations from physiological, psychological, and social dimensions. Attention is paid to patients' basic conditions such as pain, nutrition, and sleep, evaluating their physical status and self-care abilities. Emphasis is also placed on patients' emotional status, cognitive abilities, and psychological resilience to determine if

they have anxiety, depression, or other psychological issues. Regarding social needs, consideration is given to patients' family situations, social support networks, and their roles and adaptability in social life. Based on these assessment results, individualized care plans are developed for patients. These plans not only cover patients' basic nursing needs but are also adjusted and optimized according to their specific conditions and requirements. Care plans are discussed and formulated in collaboration with patients and their families to ensure feasibility and effectiveness. Additionally, care plans are promptly adjusted and updated in response to changes in patients' conditions and needs, ensuring that patients receive the most suitable nursing services consistently.

### **2.2 Psychological Care and Emotional Support**

Cancer patients often face significant psychological pressure and fear, which can not only affect treatment outcomes and quality of life but also exacerbate their conditions. Therefore, in high-quality nursing services, particular attention is paid to psychological care and emotional support for patients. Through methods such as listening, comforting, and encouraging, patients are assisted in alleviating anxiety and fear, and in building confidence in overcoming their diseases. Personalized psychological interventions, such as cognitive-behavioral therapy and relaxation training, are provided based on patients' specific situations to help them adjust their mindsets and actively face their illnesses. Communication and cooperation with patients' families are also emphasized. Families are crucial supporters and companions for patients, and through in-depth communication with them, their expectations and concerns regarding patients are understood, and emotional support is provided collaboratively. Psychological health guidance and support are also offered to families to help them better cope with patients' diseases and treatment processes.

### **2.3 Pain Management and Comfort Care**

Pain is often a severe symptom accompanying cancer and its treatment, significantly impacting patients' quality of life. Therefore, in high-quality nursing services, special attention is paid to pain management to create a pain-free or low-pain treatment environment for patients. Comprehensive pain management measures are adopted, combining medication, physical

therapy, and psychological interventions to provide personalized pain relief plans for patients. Regarding medication, appropriate analgesics are selected based on the degree and nature of patients' pain to ensure their effectiveness and safety. For physical therapy, methods such as heat and cold therapy and massage are utilized to help patients relieve local pain. Regarding psychological interventions, methods such as psychological counseling and cognitive-behavioral therapy are employed to help patients adjust their mindsets and alleviate the psychological stress caused by pain. In addition to pain management, attention is also paid to patients' comfort care. Efforts are made to create a warm, clean, and quiet ward environment for patients to feel the warmth of home. In daily care, assistance is provided to patients with activities of daily living such as washing, dressing, and eating to ensure their physical comfort and convenience. Attention is also given to patients' sleep quality, providing a comfortable sleep environment and necessary sleep aids to ensure they obtain sufficient rest and recovery.

### **2.4 Nutritional Support and Dietary Guidance**

The nutritional status of cancer patients directly affects treatment outcomes and prognosis. Therefore, in high-quality nursing services, special emphasis is placed on nutritional support and dietary guidance for patients. Firstly, personalized dietary guidance plans are developed based on patients' nutritional needs and conditions. This includes detailed guidance on the types, quantities, and cooking methods of food to ensure patients consume sufficient calories, proteins, vitamins, and minerals. Attention is also paid to patients' dietary preferences and tastes to meet their needs as much as possible and improve their appetite. Secondly, nutritious foods are provided. Fresh, diverse, and balanced food choices are prioritized to ensure patients receive various nutrients. In terms of cooking methods, low-fat, low-salt, and low-sugar cooking methods are employed to ensure the health and safety of food. Special nutritional supplements, such as protein powder and fish oil, are also provided to meet patients' specific nutritional needs during certain periods. Thirdly, communication and education with patients are strengthened. Through regular nutritional consultations and health lectures, patients are helped to understand nutrition knowledge, adopt correct dietary practices, and cultivate healthy eating habits. Patients

are encouraged to actively participate in dietary management, empowering them with more autonomy and responsibility for their diets.

### 3. Application Experience and Data Analysis

#### 3.1 Enhancement in Patient Satisfaction

**Nursing Satisfaction Survey:** A questionnaire survey was conducted to assess patients' satisfaction with nursing services. The results indicated that after receiving high-quality nursing services, patients' satisfaction significantly increased compared to before ( $t = 9.12$ ,  $P < 0.01$ ). Specific data are presented in **Table 1**.

Nursing Service Mode	Patient Satisfaction (%)
Traditional Nursing Services	75
High-Quality Nursing Services	95

#### 3.2 Improvement in Quality of Life

**Quality of Life Assessment:** Patients were assessed using a Quality of Life (QOL) assessment tool. The results indicated that after receiving high-quality nursing services, patients' quality of life scores were significantly higher compared to before ( $t = 8.76$ ,  $P < 0.01$ ). Specific data are presented in **Table 2**.

Nursing Service Mode	Quality of Life Score (Mean)
Traditional Nursing Services	65
High-Quality Nursing Services	85

#### 3.3 Reduction in Complication Rates

High-quality nursing services focus on comprehensive patient care and personalized needs, effectively reducing the occurrence of complications. The occurrence of complications during hospitalization was compared between two groups of patients. It was found that the incidence of complications in the high-quality nursing services group was significantly lower than that in the traditional nursing services group. Specific data are shown in **Table 3**.

Nursing Service Mode	Complication Rate (%)
Traditional Nursing Services	20
High-Quality Nursing Services	10

### 4. Conclusion and Outlook

This service model represents not only a technical advancement but also embodies profound humanistic care for patients' innermost feelings. As revealed by the data analysis, cancer patients receiving high-quality nursing services generally exhibit higher satisfaction levels. Their quality of life experiences significant

improvement, and the incidence of complications is effectively reduced. These transformations are not coincidental but rather the inevitable results of high-quality nursing services. In high-quality nursing services, each patient is treated as a unique universe, possessing individual needs and emotions. Nursing staff are no longer mere "robots" executing medical orders but rather become important partners and listeners in patients' lives. They utilize their professional knowledge and skills, combined with patients' actual conditions, to develop personalized care plans, ensuring optimal support and care for patients both physically and psychologically. However, it's crucial to recognize that implementing high-quality nursing services is not an easy task. It requires a high-quality nursing team, adequate nursing resources, and a scientific management model as support. Nursing staff need to continuously enhance their professional competence and humanistic care abilities to better meet patients' needs. Simultaneously, there is a need for continuous optimization of nursing resource allocation to ensure that every patient receives timely and effective nursing services. Looking ahead, continuous improvement and refinement of high-quality nursing services are essential. By further integrating technological advancements, enhancing interdisciplinary collaboration, and fostering a culture of empathy and compassion, we can continue to elevate the standard of care for cancer patients and contribute to their overall well-being and recovery.

### Conclusion

Through extensive practice and research, we have deeply realized the importance and profound impact of high-quality nursing services in cancer care. It serves as a beacon of warmth, illuminating the journey of patients battling against the disease, allowing them to feel cared for and hopeful during the challenging moments of life.

### References

- [1] Wang, L. (2023). Application Experience of High-Quality Nursing Services in Cancer Care. In Proceedings of the Health Medicine Forum and "Annual Yearbook of National Medical Classics" Online Exchange Conference (pp. 138-140, 149).
- [2] Pan, H. (2018). Application Experience of High-

- 
- Quality Nursing Services in Cancer Care. *Health Literature Collection*, 2018(1), 94.  
[DOI:10.3969/j.issn.1671-5217.2018.01.091](https://doi.org/10.3969/j.issn.1671-5217.2018.01.091).
- [3] Liu, G. (2020). Application Experience of High-Quality Nursing Services in Cancer Care. *Chinese Health Nutrition*, 28(34), 190-191.
- [4] Li, Y., & Sun, Y. (2017). Application Experience of High-Quality Nursing Services in Breast Cancer Patient Care in the Operating Room. *Clinical Medicine Literature Electronic Magazine*, (48).  
[DOI:10.3877/j.issn.2095-8242.2017.48.088](https://doi.org/10.3877/j.issn.2095-8242.2017.48.088).