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SOLUTIONS FOR CANCER TREATMENT AT BAI CHAY HOSPITAL, QUANG NINH AND ISSUES OF CARING CANCER PATIENTS AT HOME

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ABSTRACT

According to statistics, There are about 100 types of cancer and this dangerous disease can occur at many different ages. However, middle-aged people often have a higher incidence of the disease. And according to US Department of Health and Human Services: Health, United States, 2016: Cancer is a leading cause of morbidity and mortality in the United States, second only to heart disease. Our study goal is to show analysis of cancer treatment in Bai Chay hospital Quang Ninh by using methods of A cross-sectional descriptive. Nguyen Thi Minh Chinh et al (2021) stated Roles of nurses and nursing is important in supporting cancer patient treatment. Our study results showed that the highest ratio of 35,7% belong to patients (with not influence) and we suggest that recognizing and maintaining the physical and mental health of caregivers of cancer patients plays an important and indirect role in contributing to the effectiveness of treatment for cancer patients.

Keywords: treatment cancer at home, patients, Bai Chay hospital

I. INTRODUCTION

Bai Chay Hospital also performs the task of receiving medical isolation and treating cancer patients at high risk of infection returning from Central K Hospital. How to make patients in isolation receive the best physical and mental treatment, proactively control the risk of disease spread is a silent task that doctors at Bai Chay Hospital have been working on. are working hard, dedicated to implementing.

Cancer treatment is a long process, in order to ensure effective treatment, in addition to complying with the treatment regimen, patients also need to actively follow strict epidemic prevention

recommendations. With the immune system and resistance weakened due to long-term treatment, COVID-19 infection will be a concern for patients with underlying medical conditions, especially cancer.

(source: baichayhospital.vn)

And VT Binh, DTN Huy. (2021) suggests solutions for [Treatment of Patients at Hospitals in Vietnam and supported by \(PTB Ngoc et al, 2021; VT Binh, DTN Huy, 2021\).](#)

Research questions:

Question 1: What are relevant studies and cancer treatment suggestions?

Next we analyze related studies in below table:

Table 1- Summary of previous studies

Authors	Year	Content, results
Inagaki	2016	Another study showed the importance of H3K9 acetylation that includes CBP/p300 analysis which has histone acetyltransferase (HAT) activity and is involved in many cellular processes. Results suggest that the decrease in CBP/p300 reduces the acetylation of H3K9, and this has an important role in malignant transformation, proliferation, apoptotic, and invasion in HCC.
Liu et al	2015	Pointed that primary liver cancer, mostly hepatocellular carcinoma, remains a difficult-to-treat cancer. Incidence of liver cancer varies geographically and

		parallels with the geographic prevalence of viral hepatitis.
Amy I. Laughlin et al	2020	Penn Medicine launched the Cancer Care at Home (CC@H) program in November 2019 to demonstrate that many infused or injected cancer drugs could be delivered safely at home, in addition to hospital or outpatient settings. Successful models for home infusion of cancer drugs exist, and the building blocks were in place at Penn Medicine, but at-home administration of cancer drugs remains uncommon in the United States. The Covid-19 pandemic propelled Penn Medicine to accelerate CC@H with three goals: continue cancer treatment for immunocompromised patients while keeping them out of health care facilities, decrease density in infusion suites, and increase hospital capacity for Covid-19 and other patients
Price et al	2009	Although it is often desirable to avoid hospitalizations in patients with cancer, hospital-level care may sometimes be necessary and unavoidable. These hospitalizations come in two forms: those that are

		planned (eg, scheduled chemotherapy) and those that are unplanned (eg, admission for nausea). Traditionally, the only way for patients to receive hospital-level care is to be admitted to an inpatient facility, where they may remain for days or, in some cases, weeks, exposed to life-threatening nosocomial infections and other potential complications while incurring high financial costs
Whitney et al	2017	Hospitalization among patients with cancer is common; in the year after diagnosis, nearly three quarters of patients with advanced cancer are hospitalized, and almost one in six have three or more hospitalizations.
Moreno et al	2021	the main therapies approved for the treatment of HCC patients, first- and second-line therapies, are described in this review.

(source: author synthesis)

Therefore, the quality of life of liver cancer patients is a health issue of increasing concern, in order to improve the quality of life for patients, we conduct a research on the topic: " **SOLUTIONS FOR CANCER TREATMENT AT BAI CHAY HOSPITAL, QUANG NINH AND ISSUES OF CARING CANCER PATIENTS AT HOME**".

II. SUBJECT AND METHODOLOGY

Place, time, research object and design
 - Research subjects: Patients diagnosed with liver cancer are being treated at Cancer Center - Bai Chay Hospital - Quang Ninh province. Design: A cross-sectional descriptive study.

III. RESEARCH RESULTS

Over the past time, Bai Chay Hospital has received and implemented many advanced and modern techniques to accurately diagnose diseases and treat many diseases with endoscopic interventional methods without the need for open surgery. optimal therapeutic effect for the patient.

Surgery to relieve symptoms: For patients with late-stage disease, doctors will use this treatment method. The main purpose of surgery is to reduce compression and prevent the risk of ulcers and infection to help patients relieve symptoms and improve quality of life.

Depending on the patient's condition, doctors can combine surgery with a number of other treatment methods such as radiation therapy, chemotherapy,

immunotherapy, endocrine ... to achieve the highest treatment effect.

However, patients should note that cancer surgery can also cause life-threatening complications or affect the physiological function of some parts of the patient's body. The doctor will consider to minimize the risk of damage to vital organs. In case the malignant lesions have spread to many other organs, surgery is no longer suitable.

(source: medlatec.vn)

According to Hung, N.T (2022) for symptom, the highest ratio of 35,7% belong to patients (with not influence)

Then, the lowest ratio of 12,9% is belong to patients with very much influence.

And patients in stage 2 become higher proportion than stage 1

Fig 1- Nurse at Bai Chay hospital



(source: internet)

V. CONCLUSION

Results show patients in stage 2 become

higher proportion than stage 1. Hung, N.T et al, (2022) showed People with

underlying medical conditions are greatly affected by quality of life (21.3%), people

without underlying diseases, quality of life is not affected (40.5%).

Figure 2- Nurses and cancer patient treatment at Bai Chay Hospital



(source: author synthesis)

1. On the other hand, cancer treatment at home:
2. In the process of taking care of a patient, the patient's family may feel that there are always many things to do during the day, for example:
3. Feed your loved ones 3-5 meals/day
4. Buy food
5. Buy medicine
6. Get medicine and directions from medical staff
7. Time for injections, infusions, chemotherapy, radiotherapy

8. Take your loved ones for tests
9. Help the patient to clean, shower, change clothes...
10. Most people who care for cancer patients have many impacts on their health and personal lives. When watching the patient's pain, family members often feel the need to prioritize the patient's needs above all else, gradually they may feel that they have no time for themselves, even guilt. In contrast, when witnessing a loved one's life turned upside down or tired, cancer patients are easy to

develop guilt, guilt, and repressed feelings. fear of becoming a burden on the family, thereby at risk of further psychological disorders and physical impairment, reduced will and motivation for treatment. Therefore, recognizing and maintaining the physical and mental health of caregivers of cancer patients plays an important and indirect role in contributing to the effectiveness of treatment for cancer patients.

11. (source: benhvienk.vn)

12. Research limitation

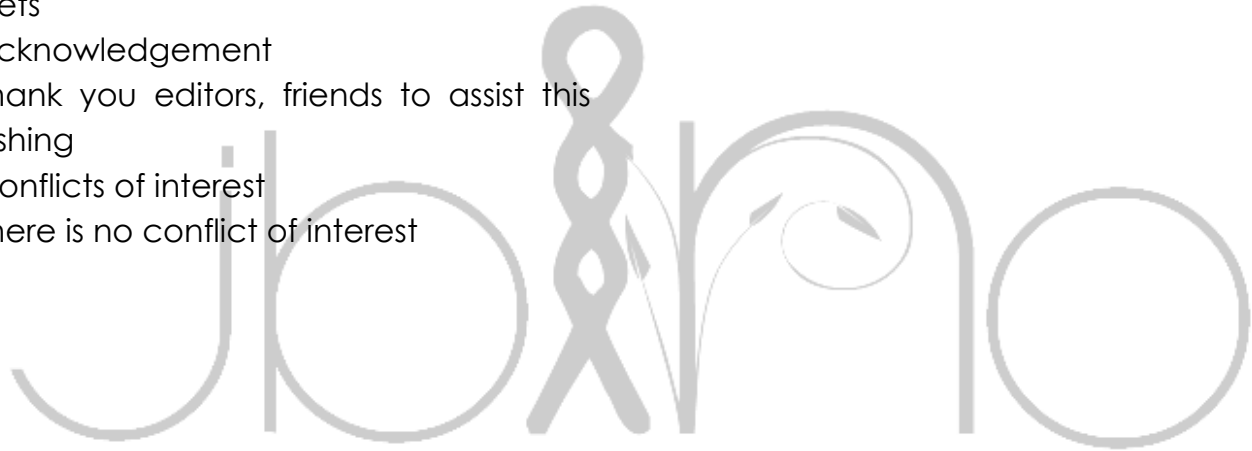
13. Authors can expand study for other markets

14. Acknowledgement

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16. Conflicts of interest

17. There is no conflict of interest



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