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## ADVICE FOR CANCER TREATMENT AT BAI CHAY HOSPITAL, QUANG NINH

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### ABSTRACT

When a friend or family member gets sick, it can affect the whole family. Especially with cancer can create pressure and stress for both patients and carers. Here are a few tips about the basic needs of cancer patients that will help make home cancer care more organized and effective This study aims 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 suggest that patients in stage 2 become higher proportion than stage 1. And finally authors suggest that together with the schedule for treatment and doctor appointments, the family should also create a timetable for taking the medication. All medicines need to be used in the right dose at the right time.

**Keywords:** treatment cancer at home, technology , Bai Chay hospital

**I. INTRODUCTION**

According to statistics, In recent years, cancer is gradually becoming a "burden" of many countries around the world, including Vietnam. The incidence of cancer in our country is increasing rapidly and cancer is tending to be younger.

Most cases are detected at a late stage, making treatment difficult, leading to a high mortality rate. Recently, the case of 2 to 3 people dying from cancer in a family is no longer a rare thing, there are even villages where the number of people with cancer is so much that it has to be named "cancer villages".

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.

Table 1- Summary of previous studies

Authors	Year	Content, results
Yip et al	2019	evaluated the patient experience of receiving subcutaneous chemotherapy at home via a unique ‘Cancer Treatment at Home’ outreach service adapted by the UK Clatterbridge Cancer Centre NHS Foundation Trust. Of the 56 participating cancer patients, 53 provided responses. Patients received subcutaneous trastuzumab, denosumab, pembrolizumab, fulvestrant and goserelin. Overall, 96% of respondents were ‘very satisfied’ and 4% ‘satisfied’ with the service.

(source: medlatec.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). 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: "Evaluating quality of living of liver cancer patients being treated at the cancer center of Bai Chay hospital, Quang Ninh province in 2019".

**Research questions:**

Question 1: Present previous relevant studies?

Question 2: What are treatment suggestions for cancer patients?

Next we analyze related studies in below table:

		All respondents would recommend the service to others. Conclusion: The ‘Cancer Treatment at Home’ service has improved the patient experience for cancer care and has been recognized nationally for its achievements.
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.
Moreno et al	2021	the main therapies approved for the treatment of HCC patients, first- and second-line therapies, are described in this review.
Vu Thanh Binh, Dinh Tran Ngoc Huy, Pham Thi Bich Ngoc, Pham Thi Hong Nhung, Dinh Tran Ngoc Hien	2021	There is Effective Medicine Treatment for Corona Patients at Home in COVID 19

and Ngo Huy Hoang		Pandemic
Nguyen Trong Hung et al	2022	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%).

(source: author synthesis)

## 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

Up to now, Bai Chay Hospital has gradually mastered the most modern cancer treatment methods such as surgery, chemotherapy, radiation therapy, embolization, tumor burning with microwave technology, palliative treatment, and palliative care. destination...

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.

Accurately diagnose cancer stage

At the Department of Functional Exploration (Bai Chay Hospital), the doctors and nurses have mastered the modern endoscopic ultrasound technique, which provides fast and accurate diagnosis of diseases of the digestive tract, gallbladder, pancreas. , mucosal and extramucosal lesions of the gastrointestinal tract. Especially, through the implementation of endoscopic ultrasound technique, it has helped doctors diagnose and detect early-stage cancer in the gastrointestinal tract when the tumor is still in the mucosa (this is of great significance in the treatment of cancer). treated with a cure rate of 98-100%) or small tumors located deep in the abdomen with minimal invasiveness.

(source: halongcity.gov.vn)

Next current methods of cancer treatment.

First, Surgery

For the majority of cancer patients, surgery is considered an important and effective treatment. Surgery is divided into two types, radical surgery and symptomatic surgery.

Radical surgery: This is the most common treatment for patients with cancer that is detected at an early stage. Surgery is to

remove the tumor and drain the lymph nodes.

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.

Second, Radiotherapy

This is a way of using radiation to kill cancer cells. Includes external radiation and brachytherapy. In there:

External radiation is a source of radiation located outside the body such as radiation therapy machines. Doctors will use these machines to shine on the diseased area on the patient to kill cancer cells. This method is very suitable for patients with early stage disease.

Along with the schedule for treatment and doctor appointments, the family should also create a timetable for taking the medication.

(source: medlatec.vn)

Figure 1 - Evaluation of the impact on the overall quality of life of patients

Disease stage		Influence level		Not		Little		Much		Very much	
		SL	%	SL	%	SL	%	SL	%		
Function	Stage 1 (n=70)	26	37,1	18	25,7	9	12,9	17	24,3		
	Stage 2,3,4 (n=34)	6	17,7	3	8,8	8	23,5	17	50,0		
	Total (n=104)	32	30,8	21	20,2	17	16,3	34	32,7		
Symptom	Stage 1 (n=70)	25	35,7	18	25,7	18	25,7	9	12,9		
	Stage 2,3,4 (n=34)	5	14,7	4	11,8	12	35,3	12	38,2		
	Total (n=104)	30	28,8	22	21,2	30	28,8	22	21,2		
CLCS Total	Stage 1 (n=70)	24	34,3	19	27,1	16	22,9	11	15,7		
	Stage 2,3,4 (n=34)	7	20,6	2	5,9	12	35,3	13	38,2		
	Total (n=104)	31	29,8	21	20,2	28	26,9	24	23,1		

(source: Hung, N.T et al, 2022)

We see that, Moreover, for symptom, the highest ratio of 35,7% belong to patients (with not influence)

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

The majority of cancer patients come to the hospital at a late stage, the cancer cells have grown strongly and have spread, invaded the surrounding areas, metastasized into the vascular system, lymph nodes and organs, so they are not treated.

V. CONCLUSION

Up to 50% of patients, the overall quality of life is affected to a great extent and greatly: In which, patients in stage 2 become higher proportion than stage 1.

Authors suggest we can have cancer patients treatment at home:

Lessons from other countries in cancer treatment:

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



(source: author synthesis)

On the other hand, Schedule your treatment and appointment with your doctor

Cancer treatments such as surgery, chemotherapy, and radiation must follow a schedule. Schedule to record all upcoming treatments, doctor appointments, and other important exam dates. This will take the stress out of having to remember everything. The right schedule will also ensure that appointments are not missed, patients do not have to wait long, and that patients receive the right care at the right time.

The patient needs a lot of rest and will spend a lot of time in that room, so buy them a book, a TV, or anything else they might like; to keep them busy and in good condition for recreation and relaxation. This will put the patient in a better mood during recovery. Most common cancers are curable at an earlier stage, so stay calm and reduce the stress around.

Along with the schedule for treatment and doctor appointments, the family should

also create a timetable for taking the medication. All medicines need to be used in the right dose at the right time. Use your doctor's prescription and make a chart that shows how long to take each medication and how many pills each. Families can use chart color codes based on the colors of the tablets to make it easier to identify them when and what medications are in them.

(source:benhvien108.vn)

Research limitation

Authors can expand study for other markets

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Conflicts of interest

There is no conflict of interest

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