

FACTORS AFFECTING THE CHOICE OF CANNABIS-CONTAINING PRODUCTS AMONG THE PEOPLE IN CHIANG MAI

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Introduction

Statement and Significance of the Problem

Nowadays, it is found that many countries have used cannabis extracts for treatment purposes., illnesses and commonly used to relieve pain. insomnia, stress (Lake, et al, 2019), Thailand is no exception has foreseen the benefits of cannabis extracts and therefore opened the opportunity for people to access the medical cannabis treatment process. Medicine, for the benefit of the treatment of severe diseases that do not respond to current drugs (Narcotics Act BE 2009No. 7 , 2009). The government therefore has a policy to promote symptomatic treatment within the scope of the Ministry of Public Health in the widespread use of cannabis. Treat patients and research studies. Because cannabinoid compounds (Cannabinoids) contained in cannabis can be used to treat diseases, the main active ingredient used in medicine is cannabinoid (delta- 9- Tetrahydrocannabinol :THC) that Psychotropic and non-addictive Cannabidiol (CBD) (Perrucca , 2017). In 2019, the Ministry of Public Health has a policy for the use of medical cannabis in pilot hospitals. and a health service place that provides Thai traditional medicine services (National New Bureau of Thailand, 2020) in order to promote the use of herbs in the treatment of diseases such as epilepsy that are difficult to treat. Nausea and vomiting from chemotherapy, Parkinson 's disease, Alzheimer's disease, insomnia including terminal cancer patients. (Department of Medicine, 2020). Although cannabis is very useful and people are interested in cannabis use. While the level of knowledge about medical cannabis is not very high, as can be seen from the study on health literacy of Thammasat University students on medical cannabis use of third year students at the Faculty of Social Sciences, Thammasat University, Rangsit Campus. It was found that most had a low level of health literacy on the use of medical cannabis (Akahin , Saodaen , Thongjumnong & Senchaowanich , 2020). In addition, if cannabis is used for a long time, cannabis can have negative effects on the body. Especially the effect on the central nervous system, other organs and may have long-term effects on society (World Health Organization, 2016). This is consistent with a 25-year follow-up study of cannabis use among 1,265 adolescents in New Zealand. statistically significant (Fergusson , Boden, Horwood, 2006). From the literature review, it was found that There are many studies that study about the decision to use herbs or Thai traditional medicine services. As a study of Kwanchanok Theppan (2017) studied the decision making in selecting Thai traditional medicine services of people who came to use the service at Ratchaburi General Hospital. The results showed that Factors that were statistically significant related to the decision to choose Thai traditional medicine services were knowledge of Thai traditional medicine information, factors leading to decision making at a good level. perception of the quality of Thai traditional medicine services at a good level and access to good Thai traditional medicine services (Theppan, Suwanpong, Hhowtheerakul, & Thipayamongkolkul ,2017) and the study Konrapin Panwichian (2020) studied factors that correlated with the level of use behavior.

Cannabis for medical use found that personal information Characteristics of cannabis use Recognizing the benefits of cannabis significant correlation with the level of medical cannabis use behavior . Statistics at the .05 level when there is positive information at the same time that negative information often appears, for example:The use of high doses of cannabis extracts can cause adverse effects on the body, especially THC , which has anti-pain

effects and reduces nausea and vomiting. tolerance and need to increase more traffic which is the cause of addiction in the end CBD is non-addictive and counteracts the high-intoxication effect of THC. However, CBD can induce nausea and vomiting . If the type of cannabis extract that contains High CBD can cause increased nausea and vomiting, acute toxicity caused by cannabis use . Adverse reactions from the use of cannabis extracts depending on factors such as the amount received per time (unit dose), user tolerance , method of ingesting (Improper use of cannabis can cause overdose.) How to use cannabis in the body such as inhalation type , fast-acting time Reaches the highest level within 15-30 minutes. Eating type. Starts to act about 30 minutes , drip type under the tongue (sublingual drop). And loss of control over the muscles. In addition, severe effects have also been reported. such as hallucinations The risk of dementia includes changes in attention. meditate short term memory The ability of the brain and decision-making is lost. In summary, cannabis has both pros and cons. The use of cannabis products in the treatment of disease is not yet able to create much peace of mind for the people. And at present, the number of people receiving services in medical facilities that are licensed for cannabis is still small.

Research Questions

1. What is the degree of decision making in using cannabis products of patients at cannabis clinics in Chiang Mai?
2. What are the factors that affect the decision to use medical marijuana products of patients at a cannabis clinic in Chiang Mai?
3. What is the difference between the level of decision making for using cannabis products classified by the factors choosing cannabis products of patients at cannabis clinics in Chiang Mai?

Research Objective

1. To study the level of decision making to use cannabis products of patients at cannabis clinics. in Chiang Mai
2. To study the factors affecting the decision to use medical cannabis products of patients at a cannabis clinic in Chiang Mai Province.
3. To compare the level of decision making to use cannabis products classified by factors that choose cannabis products of patients at cannabis clinics in Chiang Mai Province.

Research Hypothesis

- (1) People's backgrounds, including gender, age, education, occupation, income, affect the choice of cannabis-containing products.
- (2) People's knowledge and understanding gained from medical professionals affects the choice of cannabis-containing products.
- (3) Cannabis products produced by different agencies or individuals affect the choice of cannabis-containing products.

Scope of the Study

The researcher focuses on the following important issues : research this time It is a mixed research (mixed method research) which will research both Quantitative Research and Qualitative Research (to study guidelines for the implementation of the liberalized medical cannabis policy in Chiang Mai Province . The scope of the research has been defined to cover both problems and research objectives. The scope of the research consists of 1) the scope of the population 2) the scope of the research content 3) the scope of the research period as follows:

population: population in quantitative research From estimates of the number of medical cannabis users in Thailand by the Ministry of Public Health It was found that in the North there were about 494 people per 100 , 000 people and according to the Department of Provincial Administration. Chiang Mai Province has a population in 2021 with a population of 1,779,254 people . So it can be concluded that Chiang Mai Province has 8,789 medical cannabis users.

1. Population in qualitative research from In-depth data collection By interviewing executives or people who understand the management of the treatment system in all 37 cannabis clinics in Chiang Mai. of people who come to use the services of free medical cannabis clinics 37 locations , 370 people

2. Content From the study of theoretical concepts and related research The scope of the research content can be defined as follows.

1. Client's background
2. Knowledge and understanding of the use of cannabis products
3. Obtaining explanations and information from the medical service

3. Period Conducted research in the year 2023

Significance of the study

From the research, the researcher expects that the benefits will occur in all 3 parts, including policy benefits. Administrative benefits and academic benefits are as follows:

1. Policy benefits Relevant government agencies can set guidelines to drive policies. and guidelines for community participation and proper management enable people to get the most out of cannabis products

2. Administrative benefits There will be clarity in driving policies that are in line with the situation and the needs of the people in the area, and the results of the research can be used to plan production and marketing in the production of cannabis-containing pharmaceuticals.

3. academic benefits Lessons learned will be taken and other elements will be found that will contribute to the success of advancing the free cannabis policy. medical and research in other areas which will have unique characteristics that are different

Definitions of terms

1. Providing medical cannabis clinic services means providing services for screening, examining, diagnosing, treating diseases, dispensing, and giving advice to patients who need to use cannabis by conventional medicine and/or Thai traditional medicine. Patients are easy to access, for example, there is a screening system or make an appointment in advance system Care manager coordinates for patients to receive services.

2. Medical cannabis Clinical Service Unit mean center hospital general hospital and community hospitals Under the Office of the Permanent Secretary, Ministry of Public Health

3. Agencies under the Ministry of Public Health According to the medical development mission group mean Department of Mental Health , Department of Medical Services and Department of Thai Traditional and Alternative Medicine

4. Service providers mean health personnel who Work in a medical cannabis clinic.

5. Cannabis products refer to cannabis extract medicines . Thai traditional medicine formula containing mixed cannabis or hemp oil

6. Medical cannabis research means research on medicinal cannabis extracts. Thai traditional medicine formulations with mixed cannabis, cannabis oil, medical cannabis provider and management research on medical cannabis. according to the mission of the Ministry of Public Health that has been published or Academic presentations at academic

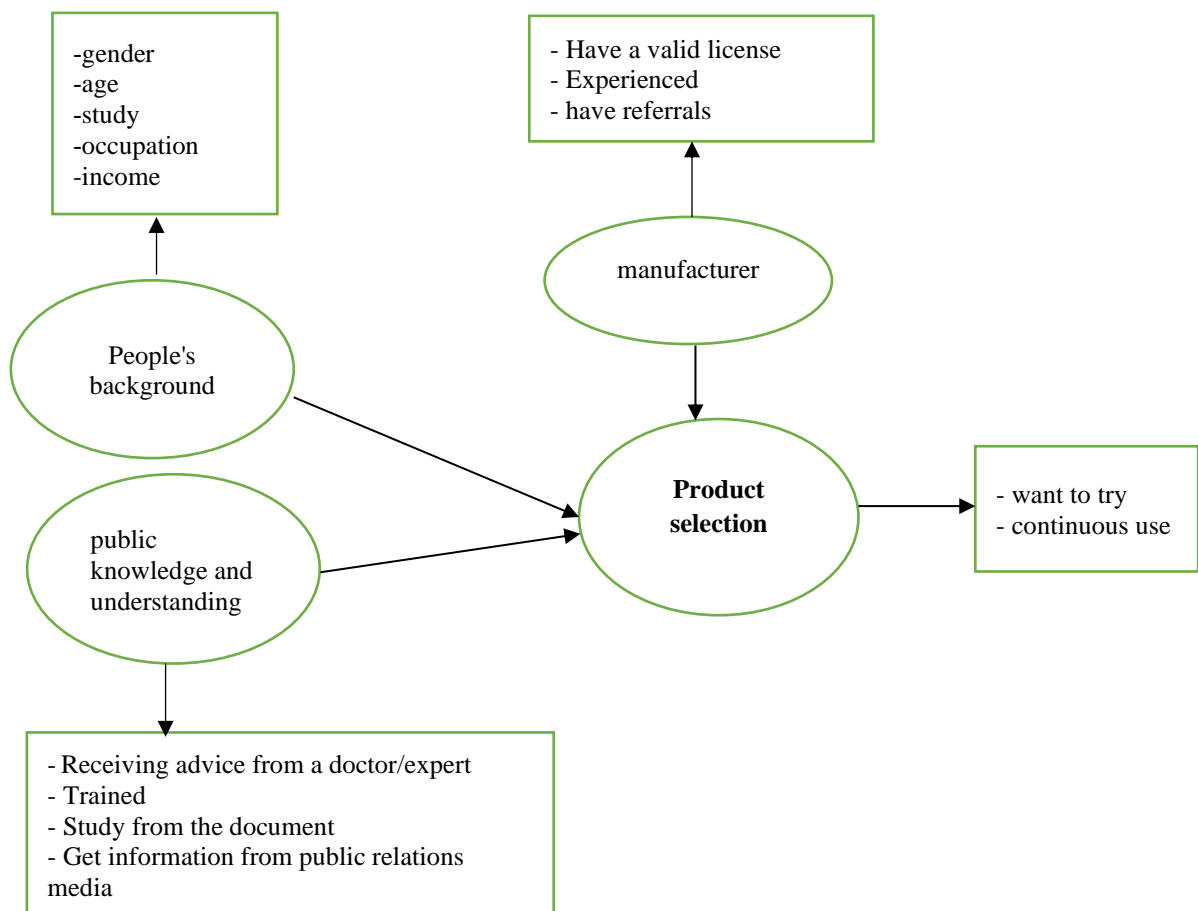
conferences or published in a journal It is a work from an agency under the Office of the Permanent Secretary of the Ministry of Public Health or is a work that Agencies under the Office of the Permanent Secretary, Ministry of Public Health work together with other agencies which is not accumulated each year

7. Medical cannabis knowledge management means gathering existing knowledge to develop into a system by setting up activities such as study visits , forums , training sessions , or routine tasks to research.

Theoretical Concept

1. National Economic and Social Development Plan No. 13 B.E. 2566-2570) issues of Thai medicinal plants and their extensions
2. The concept of development management theory
3. The concept of the theory of planning into action
4. The concept of perception theory
5. The concept of the theory of participation
6. The concept of management theory
7. Theoretical concepts of human resource management
8. The concept of providing medical and public health services
9. Policy of the Ministry of Public Health Regarding the provision of medical marijuana services B.E. 2565
10. Related Research
11. Conceptual Framework

Conceptual Framework



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