

## Research Articles on Cannabis in academic Journal

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**Received** May 30, 2021 & **Revise** June 03, 2021 & **Accepted** June 30, 2021

### Abstract

This study is a study of articles in the Thai-Journal Citation Index Center (TCI) database with 936 journals, 16,580 volumes, 170,586 articles, 368,624 authors based on questions, and frequently asked questions. That there is little research or article published and published in academic journals on cannabis The research team, therefore, set the objective to synthesize and analyze articles published in academic journals in Thailand. And presenting the information on the issue Type of article Type of essence on the issue of accepting or opposing the use of medical marijuana. By synthesis from research articles And academic articles published in academic journals in the TCI database were analyzed and presented as a percentage, percentage, descriptive statistics. The results of the research were as follows: 94 articles were using the keywords Cannabis, marijuana, 0.055 percent, using THC, CBD 10 articles, 0.005 percent, category of academic articles, 53.05 percent, research articles 46.95 percent. The point of acknowledging the use of extracts in medicine is more than the opposition. But most of the states the precautions in treatment. To stick to a medical diagnosis Close monitoring of treatment results And patient registration information is important And there is a reminder that in the treatment process, the treatment is still in the experimental stage and has not passed the process of acceptance according to the Medical Council regulations. Or regulations and requirements of the relevant department's Treatment must be careful

**Keywords:** Research articles, Articles on Cannabis, Thai Journal Citation Index Centre, Academic Journal

### Introductions

the knowledge status of cannabis or marijuana as well as relevant policies and laws in other countries. The results show that, technically, several countries have got extensive and in-depth knowledge of cannabis, while in Thailand, the technical community is almost asleep in this regard as evidenced in the fact that there are very few technical papers on this matter,

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despite a wide distribution of information and opinions about it, conjecturally on social media. It has been viewed as a magic drug or panacea that can miraculously cure all kinds of illnesses without any danger or addictive effects. But according to the review of international literature, it has been found that cannabis is addictive and affects the brain and other parts of the human body. Long-term cannabis use adversely affects the frontal lobe of the brain that controls memory and thinking ability and increases the risk for psychosis, depression, and suicide. Cannabis smoke has tar-like tobacco smoke and contains more than 50 carcinogens(Chokevivat V. 2019)

In Thailand, over the years There has been a drastic change in policy on marijuana use. Many countries were cautious before the change in cannabis use, most European countries banned the use of medicinal cannabis. While there are drugs that are extracted from cannabinoids that are registered and licensed for sale in many countries (Abuhasira R, et al. 2018).

From searching for cannabis in medical journals According to various databases, it was found that academic journals in SCOPUS database, which is considered a top academic journal. Leading the world, there are more academic articles on cannabis. 76,150 articles on the website of Science found articles 50,337 cannabis stories in the PubMed database. Found 36,540 cases reported in clinical studies in Clinicaltrial.gov Found 802 articles on Cannabis (marijuana) The researcher would like to confirm the information that appears in the database of the Thai Journal Citation Index Center (TCI) in 2021, to what extent, to what extent, the acceptance of the publication of such work, and in what form does such work appear?

### Objective of Research

to study to synthesize and analyze articles published in academic journals in Thailand. had Keywords cannabis, marijuana, CBD, THC

### Literature review

There has been increased interest in the role of cannabis in treating medical conditions. The availability of different cannabis-based products can make the side effects of exposure unpredictable. We sought to conduct a scoping review of systematic reviews assessing the benefits and harms of cannabis-based medicines for any condition.

In 2019 from searching in the Thai journal database (Thai Journal Online) found 29 articles on cannabis. No subject is a research study on medicinal cannabis. It's just a behavioral research study and Review of some knowledge from academic journals in different countries. the country only by an article in a medical journal Thai traditional and alternative medicine, including 8 topics(Chokevivat V. 2019)



From the review of the situation of knowledge of cannabis policies and laws in different countries can be summarized as follows:

1. The development of knowledge about cannabis in the academic community of the world has made great progress. But in the past Thai academic circles were in a state of almost "deep sleep" with almost no academic results developed at all, causing society to fall under the domination of beliefs. And opinions that are not based on the refined knowledge of international academic models make it difficult for society to benefit properly and appropriately from cannabis. The situation in Thai society at this time in marijuana is like a "horse-drawn carriage" instead of a "horse-drawn carriage". The academic community must focus and establish a foothold to be the locomotive leading the society to progress in the next right direction

2. Marijuana, like any herb or any other drug, can have infinite benefits and great harm. Appropriately applied cannabis policy articles that should be reviewed concisely summarize the benefits and harms of cannabis. In particular, there is much hope for a chronic analgesic effect, and some say it is better than an opium derivative, but the research to support its use is insufficient. Instead of declining opioid-derived drugs, marijuana users are increasingly using them while there is evidence of marijuana's adverse effects. Regarding the destruction of the child's brain, the effect on cognition and memory An increased risk of schizophrenia and depression, as well as a correlation with traffic accidents, an important factor among those who 'confirm' that marijuana is not a drug, according to population studies. 36,309 people with a history of marijuana use were found to be 31 percent compatible with marijuana addiction. Finally, marijuana-using states, such as Alaska, Colorado, and Kentucky, found a wall of prevalence. Increased Atrial Septal Defect (ASD)

3. Policy and law: Many countries allow medicinal use of marijuana but are regulated as a prescription drug. Restricted control. No country or state is open to marijuana.

Thai Journal Citation Index Centre (TCI)

TCI Center was born out of a small research project under the King Mongkut's Research Fund of Thonburi 2001 titled "Study and Indexing the Impact of Citations of Domestic Academic Journals" by Prof. Dr. Narongrit Sombatsompop, Dr. . Nongyao Premkamonnnet, Ms. Preyanuch Ratchatahiran, Khun Wachiraporn Surathanasakul, and Asst. Prof. Teerasak Makpin, who can divide the development of the TCI Center into 4 periods. 1) Jul. 44 - Feb. 2002 Open the "drawer" of Thai journals. 2) Feb. 2002 - Jun. 2004 Create "Gateway" for articles in Thai journals. 3) Jul. 2004 - Apr. 2008 Develop the "Gateway" to be effective. 4) May 2008 – Present "International gateway" construction. The operation of the TCI center also affects the country's academic circles in many respects, such as having a database that can search for published information and citations of articles in Thai journals. As a result, the knowledge and



results obtained from the research are widely applied. In addition, the information obtained from the TCI database is widely used. both in terms of policy-making related to journals and research quality Academic Research Quality Assessment Funding for the operation of the journal and educational quality assurance of Thai universities, etc. However, most of the journals in the TCI database are science and technology journals than journals in other fields.

The TCI Center has five main missions 1)Develop a database for searching research and academic results, including citations of articles published in Thai academic journals. 2)Calculate and report the Journal Impact Factors of Thai academic journals contained in TCI database (called TCI impact factors). 3)Provide knowledge and understanding about journal impact factors, h-index, and research quality internationally. 4)Research and publish research results To lead to upgrading Thai research results in the international arena 5)Cooperate with national and international agencies to develop Thai journals.

It is specified in the criteria for applying for academic positions. and requesting for graduation at the degree, master's degree, doctorate-level that requires publication in the base of TCI journals.

## Methods

The study was used to look for information from medical journals. social science journal related to cannabis (marijuana) journals under the Thai Journal Reference Index Center It is a clinical study report that is collected, reviewed, and classified into 2 issues as follows:

1. Types of articles published in academic journals of Thailand
2. Brief knowledge of cannabis There are criticisms and conclusions.

Analyze and present statistics describing the results.

This study used web searches. <https://www.tci-thaijo.org/> by using the following keywords: Cannabis, marijuana, THC, CBD, When searching and checking one article at a time and bringing it to record and put them in a table to record the results and classify them as articles in the science and technology group. or in the social sciences and separate them into several research articles and articles Review and summarized as percentages In the system of the website in the search field from the details below



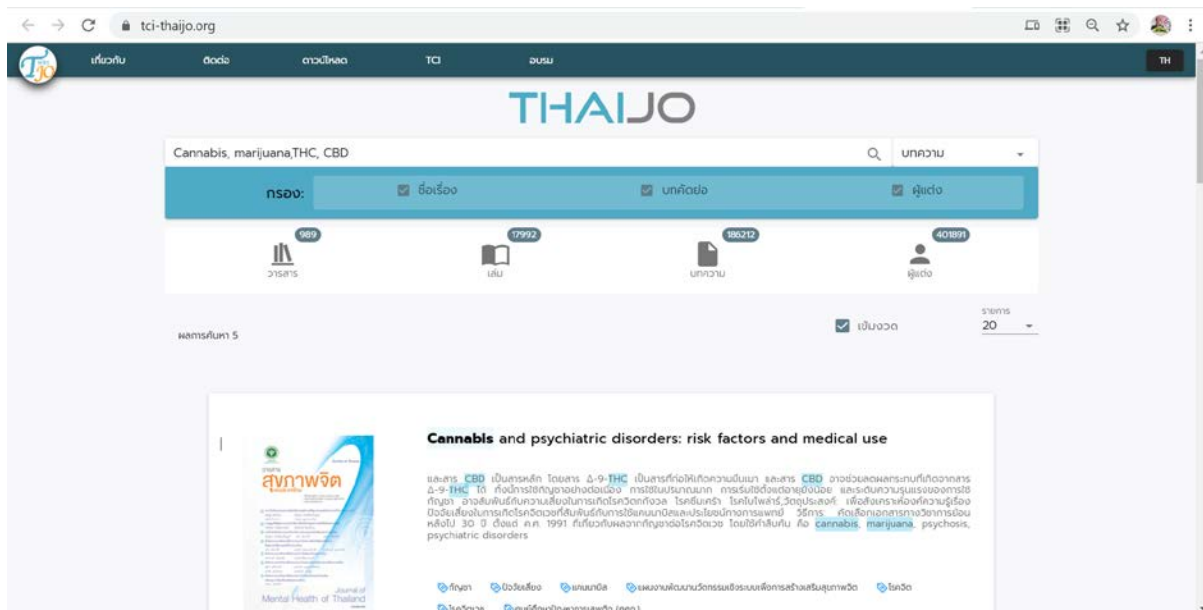


Figure 1 used web searches. <https://www.tci-thaijo.org/>

All summaries were analyzed and presented using descriptive statistics.

## Result

to synthesize and analyze articles published in academic journals in Thailand. had Keywords cannabis, marijuana, CBD, THC

From the information searched on March 21, 2021, there are articles in the database of Thai-Journal Citation Index Center (TCI), totaling 936 journals, 16,580 volumes, the number of articles 170,586 articles, 368,624 authors (Source <https://www.tci-thaijo.org/>. Retrieved March 20, 2021). The results of the research were as follows: 94 articles were using the keywords Cannabis, marijuana, 0.055 percent, using THC, CBD 10 articles, 0.005 percent, category of academic articles, 53.05 percent, research articles 46.95 percent. The point of acknowledging the use of extracts in medicine is more than the opposition. But most of the states the precautions in treatment. To stick to a medical diagnosis Close monitoring of treatment results And patient registration information is important And there is a reminder that in the treatment process, the treatment is still in the experimental stage and has not passed the process of acceptance according to the Medical Council regulations. Or regulations and requirements of the relevant department's Treatment must be careful, Journal of Primary Care and Family Medicine, Volume 3, Issue 1 (2020): January - April 2020, contains the most articles on cannabis, 5 out of 9 articles.



**Table 1** number of articles using Cannabis, marijuana THC, CBD

Keywords	Percent
Cannabis, marijuana, (Per number of articles 170,586 articles)	0.055
Using THC, CBD 10 articles (Per number of articles 94 articles)	0.005
Category of academic articles(Per number of articles 94 articles)	53.05
Research articles (Per number of articles 94 articles)	46.95

The knowledge of medical marijuana is constantly changing. Many diseases do not have clear information on treatment. We have to wait for the conclusions of reliable research, but research on medical cannabis. is slowly unable to cope with the situation and demand for cannabis treatment that arises in Thai society because there are many obstacles and problems such as (Subcommittee on the Use of Medical Marijuana (2019)

1. There is little research on medical cannabis. both in quantity and quality to sum up the good and the bad Dangerous short-term and long-term side effects

2. It is difficult for the Researchers will have access to medical marijuana. In terms of quality, quantity, type of cannabis, the size of cannabis that is pure and suitable for use in each dose according to the indications for each disease to research the harm and medical benefits.

3. Lack of networks to support diverse medical cannabis research To know the harm and real medical benefits

4. To know the long-term and short-term effects of cannabis on health Research methodological standards must be developed to be reliable.

### Conclude Discussion, and Recommendations

The results of the research were as follows: 94 articles were using the keywords Cannabis, marijuana, 0.055. Chokevivat V. (2019) sad In 2019 from searching in the Thai journal database (Thai Journal Online) found 29 articles on cannabis. No subject is a research study on medicinal cannabis. It's just a behavioral research study and Review of some knowledge from academic journals in different countries. the country only by an article in a medical journal Thai traditional and alternative medicine, including 8 topics by Journal of Thai Traditional & Alternative Medicine. 2016;14(2) (Chokevivat. V.(2016).

In the same way Subcommittee on the Use of Medical Marijuana (2019). But research on medical marijuana is slowly unable to cope with the situation and The need for cannabis treatment that occurs in Thai society because there are many obstacles and problems such as 1)There is little research on medical cannabis. both in quantity and quality to sum up the



good and the bad Dangerous short-term and long-term side effects 2)It is difficult for the Researchers will have access to medical marijuana. In terms of quality, quantity, type of cannabis, the size of cannabis that is pure and suitable for use in each dose according to the indications for each disease to research the harm and medical benefits. 3)Lack of networks to support diverse medical cannabis research To know the harm and real medical benefits 4)To know the long-term and short-term effects of cannabis on health Research methodological standards must be developed to be reliable.

Chokevivat V.(2019). Sad This article aims to conduct a brief documentary review of the knowledge status of cannabis or marijuana as well as relevant policies and laws in other countries. The results show that, technically, several countries have got extensive and in-depth knowledge of cannabis, while in Thailand, the technical community is almost asleep in this regard as evidenced in the fact that there are very few technical papers on this matter, despite a wide distribution of information and opinions about it, conjecturally on social media. It has been viewed as a magic drug or panacea that can miraculously cure all kinds of illnesses without any danger or addictive effects. And for Thai medical journals from the examination Examined in 4 leading medical journals retrospectively up to 2016, namely: (1) official archives Doctors of the Medical Association of Thailand under the Royal Patronage Rachapatham, the oldest medical journal in Thailand, 102 years old, is a monthly journal hit. Printed in English (2) Siriraj, which is a journal. The 71-year-old medicine is now published in the language. British bi-monthly (3) Chulalongkorn Medicine as Medical Journal aged 63 bimonthly years still hit Mainly printed in Thai; and (4) Ramathibodi Wet. The 42-year-old substance is a three-month medical journal. published in English It was found that none of the 4 journals The story of cannabis was published during 3 years ago(in 2016-2018) (Chokevivat V.(2019).

One of the books that have caused a widespread 'wake up' about cannabis is “Cannabis is a cancer drug” (Kittimankong S., 2016) by Dr. Somyot Kittimankong, published in early 2010. 2016, which the media has been widely disseminated And the author has appeared on television as well. Later, Dr. Somyot wrote another book titled “Cure Hemp and Marijuana Diseases”, which gained wide popularity. In January 2019, the fifth edition was published (Kittimankhong S.(2019), and not many articles written about cannabis, such as (1) Cannabis Pakorn: The Legend of Free Plants by Asanee Moonmek (Moonmek A.(2002) (2) Some chapters from Sing Smoke by Niphatporn Pengkaew (Pengkaew N.(2002)

### New Knowledge from research

In this study, research was also published. Very little academic work on cannabis compared to other herbs If considered and reviewed, it is likely caused by the law that has severe penalties for possession of narcotics category 5 under the Narcotics Act. The current



enforcement and lack of active support, even if lenient and unlocked, is still a problem for researchers. in producing academic works

### Recommendations

1. Should promote knowledge and develop potential (Upskill), specialization in clinical treatment with medical cannabis extracts. To increase knowledge related to the use of medicinal cannabis by professional nursing organizations with doctors and educational institutions to develop courses related to medical cannabis treatment

2. Qualitative and quantitative research should be encouraged to gain insights from individuals involved in medicinal cannabis use. which includes doctors, nurses, funded research, and publishing.

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