# The effect of digital drug and their damages

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## Abstract

The phenomenon of digital drugs is one of negative phenomena that negative phenomena that resulted the misuse of digital technology in particular and the misuse of technology in general, despite the long period of time to appear in western societies, but it is still unknown in developing societies, this is due to its nature and to the nature of the work of digital drugs, and it may be due to its strange name, which carries mixture between it and natural or regular drugs, although they differredically from the other.

Digital drugs are actually audio clips and a mixture of sounds, beats tones or musical songs, or all together it sends vibrations of different waves of different and varying degrees in power and in ten sity, with the aim of effecting the brain waves to simulate different moods or psychological states, cases of happiness may be, power and Great ivity or ascension and flight, all of these designations are promoted by websites by people who promote digital drugs to attract and motivate teenagers and young adults to arouse their curios and exploration and addiction.

Therefore, this dangerous phenomenon requires that it be an area to discuss the enactment of internal legislation and international treaties, because it leads to harm at the level of individuals and societies.

In spite of the great efforts of the united nations organizations in finding international cooperation to com but traditional drugs through its international conferences between 1902 and 1972, He urged her to each country, en act legislation in line with the provisions of international in stamens In front of that legislative vacuum here is the danger that must be faced and filled with international agreements and domestic, legislation to protect in dividuals.

Keywords: digital drug, young adults, addiction.

# I. Introduction

First: Introducing the topic

Digital drugs are among the new deviant practices that came as a result of the bad use of technologies. Just as they contributed to the supremacy of human civilization and its well-being, this development had a hidden price imposed on man except creating a virtual reality created by this technological progress along with the living reality of man, which made the person Many who replaced virtual reality from the real, and they involuntarily became addicted to that community in which they found refuge to escape from the problems, consequences and

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consequences of their real society, and virtual reality addiction alone is a disease that makes a person a prisoner of that reality, so that it cannot escape easily, the tax of electronic progress of the Internet did not stop At this point, but it has recently gone beyond that by providing music files that can be promoted and circulated via virtual reality simulated when hearing traditional drugs, which is called (digital drugs), this type of crime that occurs when the perpetrator uses the Internet by computer to facilitate the commission of some acts such as drug promotion And selling them through the Internet or promoting digital drugs is one of the new crimes that developed its forms and types through the development of technical a For information, and every day a new form of an information crime appears, in front of that imminent danger. There is an internal and international legislative deficiency in criminalizing all acts committed via the Internet, because of that risk and harm on the personal level of individuals as well as on the productive, economic and legal level, therefore all countries are represented With its legislative authority before a mission to legislate internal laws to deal with the threat of digital drugs, the United Nations, in addition to its efforts in the field of cooperation to combat traditional drugs, joined forces to find international cooperation to combat digital drugs to confront their threat.

Hence, the study and analysis of this problem is a matter of great importance, so we are trying in this study to shed light on the effects of digital drugs and explain their concept in all aspects and indicate their types, while identifying their damages.

## Second: The importance of research

The importance of the subject of the study lies from two aspects:

The first aspect is the practical side, which comes from the fact that the issue of digital drugs is one of the vital and important issues at the international and internal levels. As for the level of countries that suffer from this problem, countries have not enacted laws to confront the danger of this phenomenon, as well as the international side to conclude agreements and find international cooperation that takes He has a responsibility to tackle digital drugs.

As for the second aspect: it is the practical side, which is that this topic has not been studied and researched by specialists and researchers in general, where we did not find when searching with sources on this topic only a few studies and research and some articles published on the Internet that researchers used in this study In addition to not studying the issue of the effects of the spread of digital drugs and their consequences in particular, so this study will be limited to researching the harms and effects of digital drugs.

#### Third: The problem of research

Digital drugs are among the serious problems facing the international community as a whole, so that drug traffickers via the internet have become tempted by the tired and the young, and at the same time compete with the traditional drug dealers until the digital drug trade has become special ways in the internet world, and digital drugs may produce many effects, whether they are Social or economic as well as the health and psychological of the person who uses these audio files, all these things require study and research and find treatment for them, because

the effects that result from digital drugs are the same as those caused by traditional drugs, all of these problems require immediate treatment of this phenomenon.

In light of the foregoing, the problem with our study is: -

1 - The lack of international cooperation to reduce the phenomenon of digital drugs, and this lies through the absence of international agreements, conferences or even seminars that can be held to put an end to and address this dangerous phenomenon.

2- Also, the absence of internal legislation for member states, studies indicate that digital drugs have effects identical to traditional drugs, and this is a necessity for countries to fill their legislative vacuum in order to face the imminent danger by explicit texts.

3- The promotion of such a phenomenon has become more widespread through the internet applications and ways of using it, which facilitates the process of its spread among youth circles, especially that the Internet as a permissible technology and easy to use and provides the appropriate atmosphere for its use without high costs.

Fourth: The scope of research

The scope of our study includes research in digital drugs in an international domain with reference to some laws related to this matter, and the researcher left to the rest of the researchers to consider the subject from different legal aspects.

Fifth: The study plan

For the purpose of addressing the topic of the study and to address its problems, we will rely on the two-year plan. Therefore, we will divide our study project into two topics, and each topic includes two requirements as follows:

The first topic: the concept of digital drugs

The first requirement: the definition of digital drugs

The second requirement: the reasons for the spread of digital drugs

The second topic: harming digital drugs and methods of combating them

The first requirement: harming digital drugs

The second requirement: digital drug control methods

## The first topic

## The concept of digital drugs

Digital drugs are considered one of the most controversial topics in the recent analyzes of societies, due to the rapid development in the forms of that phenomenon, as its effects exceeded most of the countries due to the

spread of the Internet and the development of modern technologies, to become a phenomenon that includes the future of all members of the international community, for its similar effects and damages The severe impact similar to the harms and effects of traditional drugs (1).

In order to explain the concept of digital drugs, we will divide this topic into two requirements: In the first demand we address the definition of digital drugs, while in the second demand we will explain the reasons for the spread of digital drugs.

## The first requirement

## **Definition of digital drugs**

The phenomenon of digital drugs is a global phenomenon that exists in all countries of the world, and it is one of the new concepts in the field of the Internet, so we wonder to what extent it can be said that "digital drugs" contribute to canceling the boundary between the electronic world and the real worlds? Where the narcotic substance that affects the mental and psychological aspects of its physical, liquid or gaseous form is converted into a new form by representing these drugs in digital vessels (2).

To explain this phenomenon in some detail, we will divide this requirement into two branches. In the first section, we address the definition of digital drugs, and we devote the second section to clarifying the types of digital drugs.

#### **First branch**

## The linguistic definition of digital drugs

Digital drugs are among the modern topics that have imposed themselves strongly on the Internet as an emerging phenomenon and have become the subject of great disagreement between experts and specialists and conflicting opinions about it. For deviation and human behavior, whereby using music by clicking on the ears was used as a treatment in the past, they came enemies of humanity and peace to make their toxins in that music and name those toxins with several names after adding many poisoned melodies and manipulating that melody or audio files to make these audio files a new type of drug Except, it is the digital drug, whose effects are identical to the usual drugs, and they are the same as those that happen with a regular drug user after taking the drug (3).

And drugs in the language collect numbress, and this word and what is derived from it is called on a number of converging meanings which are weakness, laziness, inactivity, coverage, darkness, ambiguity and cold (4).

A feminine drugged drug, a girl drugged inside her drug or to be drugged, and a drug that causes drug (5).

It also means every substance that numbs the body and the sensation, and sends a person almost unaware (6).

As well as intended every substance that causes the human and animal loss of consciousness in varying degrees, and the combination: drugs (7), The Holy Quran mentioned in the verse you who believe, but wine, and gambling and an abomination of Satan, avoid that ye may prosper {90} but the devil wants that among you sign

enmity and hatred in alcohol and gambling, and hinder you from the remembrance of Allah and from prayer: will ye Menthon {91} ((8), and this verse is explicit in the prohibition on alcohol, which gives birth to Bamomha on the prohibition of drugs as well, because the wine is befogs mind and covered with jacket, and this sense Verifier In drugs (9).

As for the term (digital), it is known in practical circles that this term has a modern connotation in the language, which is a definition of the English term (Digital) and means the inputs of electromagnetic origin, as it ended the new era in our Arabic language, because the origin of the term is not Arabic, and it is a method of transferring And storing audio information and writings in the electronic network, as the two digital devices transfer information and store it in the memory of tablets or computers, which helps in transferring data in the web (10).

## The second branch

## The definition of digital drugs a convention

We will present in detail the concept of digital drugs in terms of convention, legal and international, and through the following:

#### First: the conventional definition of digital drugs

Digital Drugs (11) are clips of tones that are heard through both ears, so that clips of tones are transmitted through headphones in both ears with specific frequencies in the right ear, for example and with lower frequencies to the left ear, which are the most recent means Addiction among humans depends on repeated musical doses loud that suggest the euphoria of abuse and gives young people a sense of temporary happiness and leads to the death of the listener when he has addiction to these drugs, which is reaching the most difficult levels of addiction to this type of drug (12), and it mimics the effect of which traditional drugs do Which is administered through the mouth, injection or inhalation, that is, the same effect as cocaine use can be caused by ecstasy and psychological impact by transmitting certain frequencies to cause electrical signals in the brain that are the same as those who listen to this digital drug (13).

Hearing these frequencies over and over again leads the hearer to a state of addiction corresponding to the state of real addiction, and leads him to perform unrealistic behaviors on himself and others (14), and it is called percussion on the ears which are sounds or tones believed to be capable of causing brain changes It works to lose consciousness or change it in a manner similar to that caused by the drug use process (such as opium, marijuana, hashish, etc.), so digital drugs can be considered a series of audio files that are heard through headphones intended for this purpose that lead to Creating changes and effects of hallucinations, on the pretext of modifying the mood and emotional and biological state of those who listen to it, and depend on the synchronization between sound and certain brain waves, which will produce final results after hearing these files, represented by the entry of the listener in a situation similar to the usual drug use cases (15).

#### Second: The legal definition of digital drugs

The Egyptian legislator defined drugs in the anti-drug law No. (182) of the year 1960 in force (narcotics are considered narcotic in application of the provisions of this law, the materials shown in Table No. (1) attached to it and excluded from the preparations indicated in Table No. (2)).

It turns out that the Egyptian legislator did not address digital drugs, even though the above law was recently amended.

The UAE legislator defined drugs in the Narcotic Drugs and Psychotropic Substances Law No. (14) of 1995 as (every natural or synthetic substance of the substances listed in tables (1) and (2) and (3) and (4) attached to this law is considered anesthetic ) (16).

Although the above law was also amended in a law by Law No. (8) of 2016, it did not refer to the term digital drug (17).

As for the Libyan law, drugs were defined in the Narcotics and Psychotropic Substances Law No. (19) for the year 1994 as (the substances shown in the attached tables No. (2)).

By those tables established by the Single Convention against Narcotic Drugs of 1961, this agreement indicated several drug schedules, and as it is known that they were concluded in 1961 and that the newly created digital drugs did not indicate or provide a special text for them.

As for the Algerian legislator, drugs were defined in the Narcotics and Psychotropic Substances Law No. (4-18) of 2014 as (every natural or industrial substance or every natural product listed in the first, second, third or fourth tables of the Narcotics and Psychotropic Substances Convention of 1971) ), Although the law was newly born, it did not address digital drugs.

As for the Iraqi legislator, he defined drugs in the Narcotics and Psychotropic Substances Law No. 50 of 2017 (each substance or combination of the substances listed in tables (first), (second), (third) and (fourth) attached to this law, and they are lists of narcotic substances that Adopted by the Single Convention on Narcotic Drugs of 1961 and its amendments (18).

Despite the Narcotic Drugs and Psychotropic Substances Law No. 50 of 2017 in the newly established law, it did not address digital drugs as a new type of drug, as well as the rest of the national laws of countries that did not know digital drugs despite the fact that most laws were amended due to the development in the field of drugs Psychotropic substances, but they did not want any text dealing with digital drugs, so the Iraqi legislator should enact a special law to confront this phenomenon, given the dangerous effects this phenomenon produces on Iraqi society in particular and on the international community in general, and therefore the Iraqi legislator must Pay attention to the seriousness of the phenomenon and be aware of its negative aspects as soon as possible. Likewise, the national legislation of the countries remained to address that phenomenon as a result of its severe damages, as is the case with the international legislator due to the resulting damages confirmed by the scholars of national and

international law and the opinion of doctors in this regard as a result of the studies and research they have reached (19).

## Third: The international definition of digital drugs

The United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 1988 defined drugs as any natural or industrial substance from the substances listed in the first and second tables of the only convention of drugs for the year 1961, which defined (the drug) (every natural substance or combination of substances listed in Tables I and II أيضاً Also known as psychotropic substances (that is, a natural substance or a combination of substances listed in Tables I, II, III and IV of the Psychotropic Substances Convention of 1971).

The International Convention on Psychotropic Substances of 1971 defined: (natural or synthetic substances or any natural substance in Tables 1, 2, 3, 4) and subjected the Convention to national and international control of mental and psychotropic substances that are misused and harmful to public health and include stimulants of the nervous system hallucinatory substances.

The World Health Organization also defined drugs as: (Every raw material, product, or synthetic that contains sleeping, analgesic, or suppository elements that, if used for medical purposes, would lead to a state of recurrence and addiction, causing psychological or physical harm to the individual and society (20).

As defined by the Arab Convention to Combat Trafficking in Narcotic Drugs and Psychotropic Substances of 1996: (Every natural or industrial substance is one of the substances listed in the first part of the unified schedule, whereas the psychotropic substances are any substance that was natural or manufactured, or any products listed in its own schedule of the agreement) (21).

The United Nations Commission on Narcotic Drugs defined narcotic substances: (Every raw material or product containing stimulant or analgesic substances that, if used in a manner other than medical or industrial purposes, would lead to a state of abuse of them that would harm the individual physically or psychologically as well as society) (22), Through the above treaties, it becomes clear to us that no international treaty has touched on the indication of digital drugs. Therefore, the international community must find an international agreement as soon as possible for the seriousness and the harm caused by this phenomenon.

#### The second requirement

## Types of digital drugs and their causes

The use of digital drugs as a new and widespread phenomenon in the recent period, requires us to indicate their types and causes, because it can be difficult to distinguish between digital and regular drugs because they have one effect according to the opinions of specialists, so we must explain and the most important reasons that lead young people towards it, so therefore We will deal with it in some detail, as follows:

## **First branch**

Types of digital drugs

The types of drugs are multiplied by the multiplicity and development of peoples. As life develops, the negative and positive side develops with it, and drugs, like other phenomena in society, will diversify and multiply. And the destruction of his youth, and this is what drug traffickers did, as new types are exposed day after day according to social, economic, political and legal development, and this is what we mean when we talk about digital drugs that came as a result of technological and technological development (23).

Before entering the statement of the types of digital drugs and the statement of each type, it is necessary to know the types and knowledge of other types of drugs that are normal, including natural ones, including synthetic (24).

## First: natural drugs

It is intended for those drugs of plant origin, and scientific studies have proven that the influencing or narcotic substances are concentrated in part or parts of the narcotic plant, and these drugs are represented in the following types (25):

A- Indian hemp plant (hashish):

The word hashish is used in the Arabic language on the lawn, and the Indian hemp plant is called hashish, and when the Arabs knew it they called this name because it is a wild plant, and some researchers see that the word hashish is derived from the Hebrew word (sheesh) meaning "joy", and it is called in the Chinese May -yo), and its meaning is medicine, and the Americans and the Canadians call it (Marihuana), which means "slave" or the plant that is worshiped. The active substance from the lung reaches the blood and from it to the brain (26).

It is grown in many places in the world, such as Pakistan, Afghanistan, India, Iran, Turkey, Lebanon, East Asia, South Africa, Mexico and elsewhere (27).

Cannabis has very many names, among which we mention some names in the Arab world in particular:

1- How: In Egypt, Morocco and Algeria.

2- Hashish: in Syria, Egypt, and Lebanon.

3- Al-Jansfouri: in Saudi Arabia.

4- Anesthesia: This name is given to the leaves, flowers, and stems used together. (The Arabs called the anesthesia on the shukran plant as well).

5- Ganga: This name is given to the resinous substance extracted from flowers and young leaves.

6- Banjo: in Sudan.

7- I love you: in Turkey.

8- Al Taktoori: in Tunisia (it may come from a repetition, so it was called Takrouri).

9- Marijuana: This name is given to a group of flowers, leaves and branches when they are used together, and this name is used in the United States of America and Europe in particular (28).

B- The opium poppy plant:

The poppy tree is known scientifically (palaver aominfirum) and follows the poppy family. Poppy is called in many areas (the father of sleep) as a result of the numbness and sleep it causes (29).

It is extracted from the active substance from the dry lactic juice, obtained from the immature fruit of opium, and it grows abundantly in each of (Turkey - Greece - Yugoslavia - Bulgaria - Iran - India), and it is considered the most dangerous drug when misused and morphine is extracted from it And codeine and heroin (30).

The global amount of opium available to produce heroin is about 33,000 tons, and according to expert opinions, they affirmed that there are about 3 tons of heroin available in the consumption market (31).

Because of the importance of opium in medicine, it has been allowed seven countries to cultivate it (Iran -India - Turkey - Greece - Russia - Yugoslavia - Bulgaria).

The most important areas where opium poppy is grown:

Countries of the Golden Triangle (Myanmar - Afghanistan - Pakistan),.

Golden Crescent Countries (Central Asian countries - India - Lebanon - Colombia - Mexico).

Opium is used in a number of ways, including swallowing or intravenous injection after dissolving it in water, or with hot drinks or by smoking, which is a small way, as it needs a special method of preparation and a certain skill, and some of them use it by placing a piece of opium under the tongue for a long time, especially in areas Agriculture and production, and it was not known in the drug world more than opium and its derivatives control and enslavement of the human being, and his conclusion was affected by perdition, no doubt, given its speed and strength, and the possibility of addiction to it from the second or third dose approximately.

#### C- Coca plant

Coca was initially known in some South American countries in Peru and Bolivia and in lesser areas in Colombia and Chile, then its cultivation moved to some areas in eastern and southern Asia such as: Sumatra, Ceylon, and Indonesia, and it is noticeable that it is located on the other side of the Pacific in the face South American countries that grow coca (24).

And began its use in the pharmaceutical industry due to its stimulating effect on the central nervous system, so it is used widely in recreational drinks (25).

D - khat plant

Khat is a plant whose tree does not exceed one meter in height and is one of the plants classified among the stimulating plants. It was cultivated in Abyssinia, then its cultivation moved to Yemen and its spread increased and the first scientific name was given to the Swedish botanist by Forskal Breed. It is used before tea or smoking instead of tobacco or mixed with him (26).

#### Second: industrial drugs

It is an anesthetic substance that did not enter into its composition from the active substances extracted from plants, which are not of plant origin and were not known until 1936 when a new industrial drug was discovered in Germany to relieve pain rather than opium extracts and has no chemical relationship with morphine, although these industrial materials are not It is a derivative of natural drugs, but it causes effects that are completely similar to natural drugs, the most important of which is addiction or fainting, and they are of three types (27):

A - sedatives: They are found in types and are used in medical purposes such as valium and have a depressing effect on the nervous system (28).

B - stimulants: It is used as a nerve stimulant, such as Maxton Fordt, Metha Minamine, Zorin and Dexa-Vitamin, and some of these drugs are included in legitimate medical drugs such as ephedrine and affect the central nervous system and cause irritation (29).

C- Hypnotics: These are drugs used in some legitimate medical purposes, including synconal. These industrial narcotic substances are considered substances that affect the psychological state, and because of them, the Articles Affecting Psychological Agreement that was held in Vienna in the year 971 and entered into the tables are for narcotic substances. As the traditional is not a single type, but rather on types consisting of varieties and acoustic mixes (packages) according to demand and desire, and each type has a special purpose and effect, and accordingly there are cheap and expensive types, and we will indicate a number of these types to name a few (30):

1- Delta Waves 0.5 - 4 HZ

Delta waves are the slowest brain waves in terms of propagation speed and are of very low frequency, and these waves are generated in cases that occur with deep mental activity such as states of quiet meditation or deep sleep, and delta waves are the source of feelings for sympathy.

#### 2- Theata waves

Theta waves are likened to a path and path to access the memories and information stored within the brain, as it is responsible for the senses responsible for focusing on the surrounding medium to focus on the signals generated within the brain, and it works to generate vivid images and scenes that are not related to the direct sponsor awareness that we obtain From the senses of hearing, sight, smell, etc. (31).

3- Alpha waves 8-13 HZ

Alpha waves represent the quiet state of the brain, which means that the brain is conscious and realizes what is around it, but it is not active or active, and we can liken it to the "Stand By" status of a computer, where the computer does not implement the capabilities of the processor, but it receives any signal.

## 4- Beta waves 13-39 HZ

These waves are related to the higher awareness of the senses, and represent the state of the active brain, such as thinking, solving problems, looking and receiving different alerts, and they are in three packages:

A- Beta 1 Low Waves: represents the lowest case of alertness, awareness and brain awareness activities.

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B - Beta 2 waves: It covers the frequency band from 15-22 Hz and represents the increased concentration of mental brain activity.

C- Beta 3 high waves: Cover the frequency band from 22-39 Hz. These waves represent complex ideas, and teach new experiences and states of brain stimulation (32).

All of these types are collected with an audio file and mixed with each other to obtain packages that are processed and filtered by digital drug promoters, to be returned to teenagers and young adults, and to throw them through the internet on the internet. And seducing him in search of what he needs in the virtual world away from the control of parents, some of these drugs are free, while others are the first experience free and then they are sold with it in amounts that differ according to demand (33).

## The second branch

## **Causes of digital drugs**

There are several reasons that lead a person to flee to resort to addiction to go to websites that promote digital drugs, and among the most important reasons may be psychological, legal and economic reasons, so we will explain those reasons through the following:

## First: the psychological causes of the spread of digital drugs

According to theories of criminal psychology, drug users resort to narcotic drugs to reduce anxiety and reduce the internal conflict they face, and are affected by societal deviation, the more the society in which individuals live is a deviant society, the more addiction rates increase, and some young people out of curiosity and learn new things because of friendships And stir their curiosity about learning something new and trying it, and the disaster is that digital drugs only need a mobile connected to the Internet (34).

In addition to the weakness of religious faith, family ties and the extent of their communication with their children (35).

## Second: The legal reasons for the spread of digital drugs

These reasons are represented in the legislative deficiencies at the national and international levels, and the lack of international cooperation to develop an agreement to combat such a harmful phenomenon in the international community as a whole, especially since the drug dealers took advantage of this vacuum to promote their goods because there is no oversight, although (You Tube) ) Most of the famous recordings about digital drugs and some hosting sites were deleted, and this is an indication of their seriousness, but there are still sites that promote and one of the most important is what is known as (Hell's Gate), in which the price of the tape may reach 100 bucks (36).

Therefore, in order to protect societies from being dragged behind this dangerous scourge, it was obligatory for states to take the matter seriously and with concern for fear of the individual and society alike by concluding an international agreement and the concern for internal legislation that would deter that danger (37).

## Third: The economic causes of the spread of digital drugs

One of the most important reasons that drive digital drug promoters is that they get profits for the simple cost without effort or effort, as the prices of these drugs range between 3-30 dollars, which is easy to buy even from people with low incomes.

In addition to unemployment, which is one of the reasons for committing crimes, not only addiction to digital drugs but all forms of criminality, therefore, the principles of the International Covenant on Economic, Social and Cultural Rights adopted by the United Nations in 1966 states: (Everyone has the opportunity to earn a living by work that he freely chooses or accepts , And that states protect this right).

Unemployment leads to a feeling of hopelessness among the unemployed, their feeling of depression and isolation towards the self and the search for alternative means for that. They resort to either trade and the promotion of digital drugs or they become their victims and users of them, and other reasons that differ in different and multiple peoples. This danger is among the mentioned psychotropic substances, whether it is international or national law and at the level of international agreements or national law, as well as taking international decisions to withhold and impose fines on all sites that promote these digital drugs in order to protect society (38).

## The second topic

#### Digital drug harms and methods of combating them

Digital drugs have great harm and effects, as we have shown that digital drugs are the same as traditional drugs in all respects, and the difference is only in the narcotic substance, but the effect and harm is the same in both cases. The feeling that the addicted person has no purpose and thus many manifestations of crime and delinquency, and these damages may affect society and the state alike, so the many manifestations of addiction lead to a direct relationship between them and the emergence and spread of crime, thus becoming a state and society that lacks security and tranquility and are among the basic principles of the state It must provide it to citizens (39).

But in front of those damages, there must be certain methods used by countries and individuals alike to eliminate, treat, and prevent the threat of digital drugs (40).

So we will address that in detail by dividing this topic into two requirements: In the first demand we deal with the harms of digital drugs, and we allocate the second to show the methods of digital drugs.

## The first requirement

#### **Digital drug damage**

Many scientific studies and research have confirmed that there are damages to digital drugs that may be health and other social, legal or economic damage, and this in turn will reflect on the individual and society and help the spread of international crime, so we will show those damages in two branches, we show in the first section: health and social harm, And in the second branch: legal and economic damages.

## **First branch**

#### Health and social harm to digital drugs

Addiction to the use of digital drugs leads to health and other social damages, and on this basis it can be shown (41).

## First: the health harm of digital drugs

The user of this type of drug suffers from general weakness and wasting due to lack of appetite and irregular nutrition, and frequent nightlife due to the almost complete interruption of the virtual world, as well as excessive listening to these digital drugs leads, at the highest levels, to sudden death, as well as to the lack of integration in the functioning of the devices Physical impairment, such as impaired hearing and perception, difficulty in balance and tremor, increased heart rate and high blood pressure, and the body reaching a state of tremors and hands tremors, as well as addiction to digital drugs to damage the nervous system and its natural development, by affecting the centers of awakening and concentration and poor memory, and affecting the process Common sense among individuals who are addicted to it (42).

## Second: the social harms of digital drugs

Social harm is represented by isolation from reality and an attempt to feel happiness and false ecstasy, which is not evidence of its existence in the first place, as well as the desire to live in complete isolation with society and becomes vulnerable to nervous breakdown, especially as digital drugs are compatible with traditional drugs with the harm caused by the person abused by the reaction For the brain to create a false state of relaxation or strength no longer causes an abnormal secretion of mood stimulant, and emotional disturbances also occur and the mood quickly changes. The disappearance of the effect of digital drugs is from the feeling of happiness, joy, and ecstasy to a psychological disorder, self-harm, exhaustion, depression, and a feeling of apathy (43).

## The second branch

## Economic and legal damages to digital drugs

Economic and legal damages represent one of the most dangerous damages to society, as they do not affect the individual alone, but rather affect society and the state alike, and this can be explained as follows:

## First: the economic harms of digital drugs

Digital drugs have an economic impact and great harm, so the harm was not limited to social and health damage, but also to the productive capacity and, accordingly, to the economy and production in the country, as drug addiction often leads to other crimes (45).

Every country tries to maintain and support its economic entity in order to continue civilization progress, but the presence of drugs of all kinds would lead to weakening energy and creativity, as the proportions of addicts to traditional drugs reached about 35 million addicts, according to the last United Nations statistic in 2019, Likewise, addiction to digital drugs would lead to a rise in the price of the dollar, the spread of unemployment and less production, in addition to that, the country incurs huge sums for the rehabilitation and rehabilitation of drug addicts, whether traditional or digital (46).

## Second: Legal damages to digital drugs

Although most countries are interested in combating digital drugs and punish anyone who creates a website for the purpose of promoting traditional drugs, in addition to approving the Arab Convention on Narcotic Drugs and Psychotropic Substances of 1996, it has not received any specific provision to criminalize digital drugs.

When reviewing international covenants for civil rights and peace, for example, Article 19 of the International Convention for Civil and Political Rights of 1966 states: (The exercise of the rights stipulated in paragraph (2) of this article entails special duties and responsibilities, and therefore it may be subject to some restrictions, but provided To be defined by the law and to be necessary to respect the rights or reputation of others, to protect national security, public order, public health, or public morals) (47).

The World Summit also addressed society in Tunisia on Internet governance, in paragraph (35): (It is recognized in this regard that the authority to place public policies related to the Internet is a sovereign right of states, as they enjoy rights as well as responsibilities in the area of their general international political issues related to To the internet ...).

From the foregoing, we find that the state has the right to administer the Internet within the state and to develop public policies to ensure the protection of all citizens and not to be subjected to harm to them, to develop legislation and to find cooperation in order to enable all citizens to benefit from this technology and protect individuals from all the harm that results from the use of this technology, and thus Countries have the right to place restrictions on the use of the Internet whenever they see it in the interests of the individual and society, as a result of the harms of digital technology in general and digital drugs in particular (48).

## The second requirement

## **Digital drug control methods**

Digital drugs are expected to be among the most prominent problems of the coming era, which will receive the greatest attention in combating dentin and ivory. In order to shed light on what methods can be adopted in the face of the threat of digital drugs, we will work to divide this requirement into two branches, we define in the first section ways to In the prevention of digital drug risk, in the second we explain the mechanisms for dealing with digital drug abuse.

## **First branch**

## **Digital drug prevention**

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The family can embrace being the first block of society that this prevention and that it plays an important role in the formation of the individual also after school and then the media, so we will show that as far as the matter is concerned: -

## First: The role of the family in building an individual's personality

The child receives from his family most of the experiences and experiences and learns from them the right and wrong, and he receives from them the traditions and values that often remain associated with him in his life, so family problems are a direct factor in the deviation of children, so families with many problems often resort to children to escape towards a safe atmosphere, whether Isolation or immersion in the virtual world as an alternative to the family, which causes children as a result of failure in family relations and family frustration to find the virtual world and then digital drugs the easiest and cheapest way to escape from these problems, so the more the family is strong in its relations with its children, the fewer and no children's problems are found in it .

## Second: the school

The school is considered the second social officer after the family, as it completes its role in preparing the child and preparing him socially through supervision and guidance, because it is the closest to the child and works away from the domination of outdated traditions, and the school's message does not stop at receiving science only, but it has to teach students about ideals and values and good education and awareness Of the diseases and impurities that surround them, therefore, schools should be a real guide in the absence of legislation that deters digital drugs. For example, the US Drug Enforcement Office indicates that most American schools have taken preventive measures for fear of the spread of digital drugs in circles. Its students.

## Third: The media

The media has an effective role in all areas of life and has a direct relationship to the prevention of criminal behavior. It addresses the recipient by highlighting a specific negative phenomenon through reading, viewing, and listening to guide society on the danger of digital drugs, so it must have an integral role for the family and the school, as it has a major impact on Society as a whole.

## The second branch

## Mechanisms for treating digital drug abuse

There are ways to treat digital drugs that can be explained as follows: -

First: introducing criminal legislation to counter the threat of digital drugs, or amending existing criminal legislation to ensure criminalization of the promotion of digital drugs, as well as interfering with the development of punitive texts prohibiting the creation or use of websites that promote this type of drug, and including drugs within the forms of drugs that are prohibited from circulating in public or non-public, whether on the Internet or any other means, and the need to tighten control over all forms of electronic commerce that are used to promote digital drugs.

Second: Encouraging children to integrate into social activities and practice hobbies that empty their energy positively and give them a sense of responsibility and self-worth.

Third: Building human bonds with children, especially during adolescence, to ensure that they share with their parents their unsafe experiences without hesitation or fear of punishment.

Fourth: Creating specialized departments in the drug control departments, whose mission is to follow the sources and websites of digital drug promoters.

Fifth: The ministries of interior and health cooperated within each country to establish specific and studied mechanisms and establish specialized research centers to confront this dangerous scourge before its worsening and reaching addiction stage, as well as providing medical and psychological centers that receive digital drug addicts to help them get rid of the harm and effects of drug abuse and addiction.

Sixth: Finding joint international cooperation, holding seminars and conferences whose task is to find a remedy and to develop international legislation that will address that danger.

## **II.** Conclusion

After we have completed the subject of our study (the effects of digital drug outbreaks and the harm they cause) we have reached a set of conclusions and proposals, which are

## **First: Conclusions**

1- The digital drug phenomenon is a global phenomenon that exists in all countries of the world, and it is a type of technology that affects the human mind through the transmission of certain frequencies in one ear and lower frequencies in the other ear, and when the brain tries to unify the level of frequency to obtain one level of sound, then this The process can disrupt brain function and electrical signals, creating effects similar to those caused by real drug use in terms of numbness, euphoria, loss of consciousness, etc. Because of this similar effect, this technology has been launched with digital drugs.

2- Because of the novelty of this phenomenon, the criminal legislation did not contain special provisions to criminalize the acts of production, promotion, purchase and abuse of this type of drug, so its use in the absence of texts criminalizing these acts is permitted despite the negative effects of this phenomenon, and there is no treaty or An international agreement to confront this danger.

3- This phenomenon is starting to affect the youth in society, and the reason is ease of use and confidentiality, and the low costs of obtaining these applications from electronic stores can be obtained free of charge from some sites.

4- The digital drug phenomenon as a new phenomenon, but it has imposed itself as a problem of great importance, which requires it to have a wide field in the search for solutions and treatment because it touches an important segment of society, which is the youth segment.

5- Digital drugs have a similar effect to regular drugs as they would lead to isolation and intrusion of their addicts, in addition to health, economic and legal harms.

6- International cooperation and international conferences at the level of the international community, the family, the school, and the media at the personal level of individuals have a major role to play in the prevention and treatment of the digital drug scourge.

## Second: The proposals

1- We recommend that a careful medical study be established to determine the extent of the mental and physical impact of these applications that use the virtual world to broadcast this type of frequency.

2-We call for the criminalization of the act of producing these digital applications and the criminalization of the act of promotion, sale and abuse in order to achieve the interest worthy of protection, and this interest is to preserve the integrity of the human body and mind and is the protected interest itself in drug crimes because of the similarity of the effect resulting from its use on the mind and body of the human being, as well as international cooperation This would confront that danger in international ways to protect the international community.

3- We seriously recommend countries to block and impose a fine on websites that promote and sell those digital drugs and all suspicious websites that promote those drugs.

4- Amending the internal laws of both countries, in particular the Law on Narcotic Drugs and Psychotropic Substances No. 50 of 2017 and adding texts dealing with the phenomenon of digital drugs, in addition to the United Nations International Narcotics Committee to monitor regular drugs in countries to develop the necessary treatments and expand their competence and annexation of drugs Digital as a drug type within its jurisdiction.

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