

Recognizing Characteristics of Drug Addicts through Hand Analysis

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Abstract: Recently science has shown that addiction and addictive behavior is not just due to social causes but has their roots in genetics, biological factors, and pharmacological factors as well. However, the consequences of chronic drug use and addiction can be damaging to every aspect of a person's life. Drug abuse often starts first and then with time it leads to addiction. Addiction affects our brain and behavior. Sometimes long-term drug use can also lead to addiction. When a person is addicted to drugs, he cannot resist the urge to use them. Drug addiction is not about just heroin, cocaine, or other illegal drugs but also alcohol, nicotine, opioid painkillers, and other legal substances or gambling or sex. Apart from this repeated behavior, they don't offer any real benefit that refers to addiction that involves compulsive behaviors. The main objectives of this research are to examine the hands of drug addicts and drug abused people. Also, find out a successful way to diagnose chronic addiction tendencies through hand analysis. Obtain two types of handprints of both hands. Examine the obtained handprints. Their various aspects were observed under the four main streams. In conclusion, I confirm that hand analysis can be used to recognize drug addiction and its effects on behaviors.

Keywords: Chirognomy, Chiromancy, Dermatoglyphics, hand gestures.

1. INTRODUCTION

Addiction could be a psychological and physical inability to prevent overwhelming a chemical, drug, activity, or substance, although it is inflicting mental and physical damage. The term addiction does not only refer to dependence on substances like diacetylmorphine or cocaine. Addiction is when you cannot stop. Not when it puts your own health in danger. Some addiction also involves an inability to prevent partaking in basic activities, like reasonably thinking, eating, or keeping a steady job. In these circumstances, an individual has a behavioral addiction. Addiction could be a chronic sickness that may also be resulting in medications.

2. METHODOLOGY

I have obtained two types of handprints from the drug addicts. The first type of prints was obtained by using fingerprint ink CAT. NO. 231T (manufactured by SIRCHIE fingerprint labs, ink. 100 hunter place Youngsville, NC 27596 USA). The second type of prints obtained with a high-resolution camera. Also, made personal data record of that person. Examined two types of handprints. Various aspects were observed under four main streams. Finally, results were compared with their behaviors and emotions, and all the findings were analyzed and classified. 100 drug addict case studies were collected for this research and results compared with 1000 usual case studies.

3. RESULTS AND DISCUSSION

Based on one factor cannot predict if someone will become addicted to drugs but a combination of factors influences the risk of addiction. If a person has more risk factors, then the greater the chance that using drugs can lead to addiction. In this study, significant hand signs indicate a chronic tendency to addiction. For example, excess count of AB ridges along with deformed little finger can be seen in 90% of addicted people that compare to normal. These are the hand signs which do not change with time. Therefore, those signs indicate chronic tendencies.

Hand signs which show addictions

A. CHIROGNOMY

- Pale fingernails
- Puffy hand

Puffy hand develops after long-term intravenous drug addiction. It is considered by non-pitting edema, affecting the dorsal side of fingers and hands with the puffy aspect. The frequency and severity of the complications of this syndrome are rarely reported.

- Clubbed fingers
- Deformed little finger
- First phalange of little finger bent towards the ring finger
- Inside puffiness of third phalanges of fingers
- Exaggerated hypothenar (mount of the moon)
- Dry skin

Especially this sign can be seen who are used to take cocaine, heroin, crack, Meth, and Other Stimulants.

- Lesions on the skin

If someone has bloodshot eyes, dilated pupils, or scabs on his body, consider drug use. Frequent bloody or fluid noses, or any sorts of lesions around the mouth, lips, or on the hands, can be signs of cocaine or smokeable methamphetamine use. Covering relevant elements of the body—such because the arms—can mean that an individual is making an attempt to avoid detection.

- Yellow color skin on tip of the index and middle finger most of the time or either some part of these two fingers. It depends on the habit and gesture of cigarette holding
- Extreme rigidity or flexibility of fingers (*This sign revealed low tolerance to stress and frustration*)



Figure 01 – bent 1st phalange of little finger / Lesions on the skin

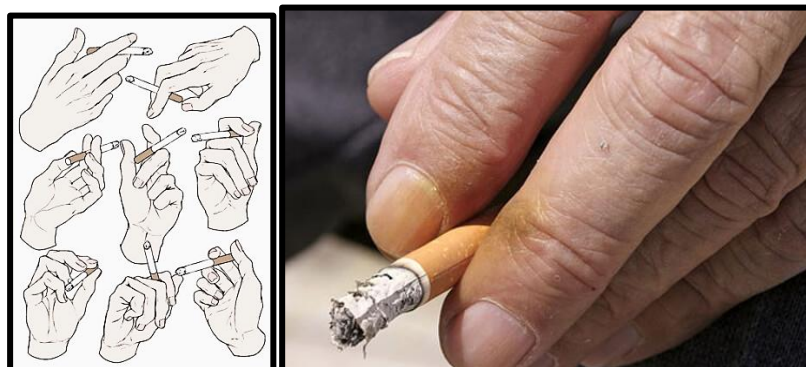


Figure 02 – different cigarette holding pattern / yellow color skin on fingers
(Yellow color of skin can be vitiate according to the way of cigarette holding pattern)

B. CHIROMANCY

- Simian line
- Suwon line
- A weak lower transverse line (head line) or Sydney line
- Absence of longitudinal line (fate line)
- Longitudinal line join to the thenar line (life line)
- Broken distal arc (girdle of Venus)

This line usually accompanied by a simian line. The distal arc appears in many psychiatric cases. For example in the hands of schizophrenics and in mental defectives with primary psychosis. Dr. Earl described in his research paper that the virtuoso ability which these patients display in moving the middle and ring finger, often balancing and twisting cotton between them in endless repetition. It looks like the act of a prestidigitator. No usual person can ever imitate the complex pattern and speed of these gestures. See figure 4. Chiromancy connects this line to the terror, confusion, and deception associated with hallucination. When its position becomes a crisscrossed line it denotes the impact of drugs and inner confusion.

- The hypothenar line

This line determines a strongly developed and deeply inserted hypothenar eminence. The hypothenar line appears more frequently in the left hands than in the right. It is quite immutable from life to death, and as it is usually found in hands with the simian form of hypothenar eminence. It must be regarded as an atavistic feature. The presence of this line indicates over-developed eminence and the psychological way it shows overdeveloped imagination. This factor often causes an inadequate sense of reality and neurotic and hysterical disturbances. Being a stigma of degeneration, the hypothenar line is frequently found in connection with other signs of faulty heredity.

In chiromancy, this line is known as Via Lascivia, the line of Pluto, or as an allergic line. The name Via Lascivia is Latin for the line of lustfulness. It is located at the base of the palm on a hypothenar eminence. This is a proneness to sensuality and vulnerability to intoxication through alcohol and drugs that has led to the line's association with drunkenness and debauchery. This will be even more sinister in the presence of a strong distal arc. I have found this mark on the handprints of alcoholics, anonymous, narcotics anonymous, sex and love addicts anonymous, and codependents anonymous. Some of those people could also be addicted to various forms of excitement, getting high from the adrenaline rush their body chemistry produces. Others can become food addicts, gambling addicts, or even sex addicts.

C. DERMATOGLYPHICS

- High AB ridge count can be seen in the hands of people whom addictions compared to the control group.

On the palm and at the bottom of every finger, there are regions separated from the side by a triradius. Triradiate can be seen at each finger base except the thumb. These are labeled as a, b, c, and d ranging from the index.

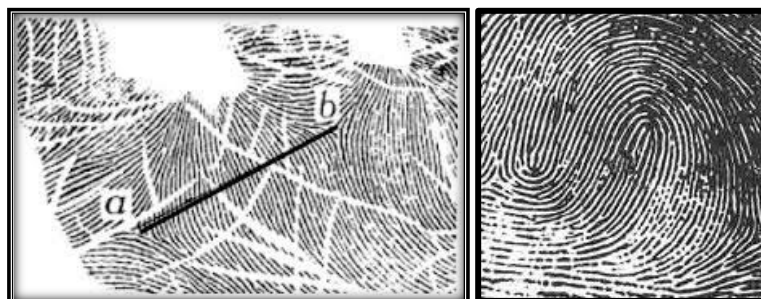


Figure 03 - AB ridge count / Double loop whorl pattern

- Double-loop whorl pattern on the little finger

Double-loop strengthens the overall qualities of the loops but often leads to uncertainty and inner conflicts. Other negative qualities include indecisiveness and confusion. The subject has a tendency to weigh things too before reaching a sound decision. The uncertainty usually leads to duality which brings about personality changes in a person.

- A very low placed axial triradius (t) which is very closed to the wrist or highly placed axial triradius (t)
- Missing c triradius
- Double palmar loops between little and ring fingers.
- Palmar friction ridge dissociation
- Abnormal dermatoglyphics
- Pattern on thenar, hypothenar

Chirognomically thenar and hypothenar eminence refer to the varieties of imagination and also the degree to that it plays a part within the person's attitude to life. Whorl and loop patterns on these eminences are always a sign of a strong tendency towards over imagination. They must be regarded primarily as atavistic markings, indicative of a basic instability. Such markings give undue predominance to the eminence, separating the unconscious 'for special consideration' and the resulting instability is one in which the unconscious elements of the subject's life are not in tune with the conscious elements.

D. GESTURES

- Fingers will be very flexible and hand movements are different.

Most addictive drugs affect the nervous system in our bodies. As an example, heroin is taken into consideration as a central nervous system depressant or "downer." this suggests that it slows down the body, especially blood pressure, breathing, heart, respiratory, and temperature rates. As a result, certain signs of these changes will be visible. After the initial rush, or high, of heroin, a drowsy state can set in for few hours. Many users move to a stage between consciousness and unconsciousness while on heroin, alternating from a wakeful to drowsy state. This is termed going "on the nod."



Figure 04 – Hand Gestures at the stage of “on the nod.”

- Sooty tattoos



Figure 05 – patches due to repeated injections / tattoos use to hide evidence of frequent drug abuse.

Injecting heroin into the same vein frequently can cause vascular scarring. This is called a track mark. Some people heat the needle before they inject the drug. This can leave a black, sooty material at the place of the injection termed a "soothing tattoo." Chronic drug abusers may get tattoos on their arms or other places to hide evidence of their frequent drug abuse.

Environmental Factors like pressure, physical and sexual abuse, early exposure to drugs, stress may also lead to drug addiction. In most of the cases along with chronic hand signs these stress signs also visible.

Stress is also a way of emotional or physical tension. It will return from any event or thought that can create annoyance, anger, anxiety, and nervousness. Stress is a reaction of your body's to a challenge or demand. In short bursts, stress is positive, like once it helps you avoid danger or meet a deadline. Understanding the psychological mechanisms of how stress will cause depression will assist you to stop it. This is particularly important for those who have had a prior episode of depression and would really like to stop relapse.

Stress has direct effects on mood. Early initial symptoms of lowered mood will create irritability, sleep disruption, and psychological feature changes, like impaired concentration. However, the indirect effects of stress are often what causes depression to require a hold.

When a person becomes addicted to a behavior, it is called a "process addiction." One of the most common processes of addiction is sex addiction. While they are separate disorders, sex, and drug addiction can be seen in common. In most cases, sex addiction, and substance abuse may fall together and cause one or both of the disorders to become more severe. People who are having sex addiction may turn to substance use after engaging in compulsive sexual behavior to cope with feelings of numbness, guilt, or shame. From this, they gain relief but the cycle of compulsive sex and substance use often continues.

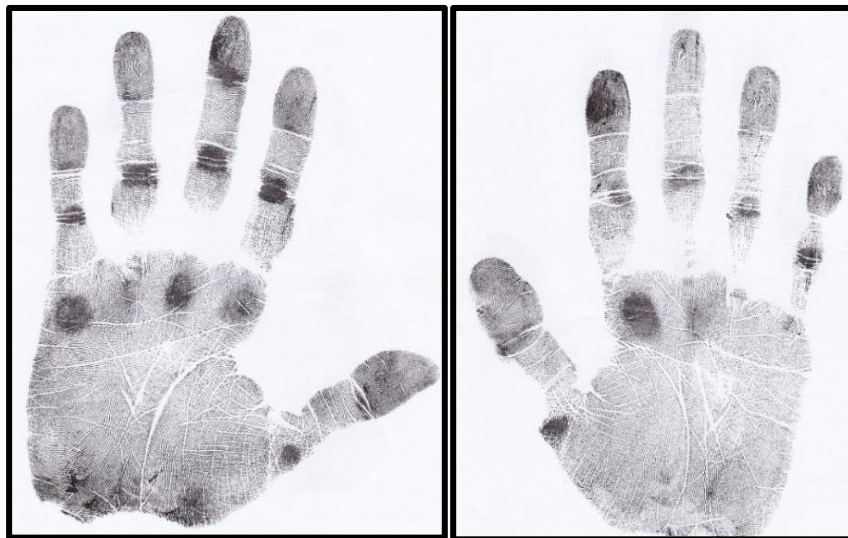


Figure 06 – Ink applied handprints of an 18 year old drug addicted person (Case number - KKHA 806)

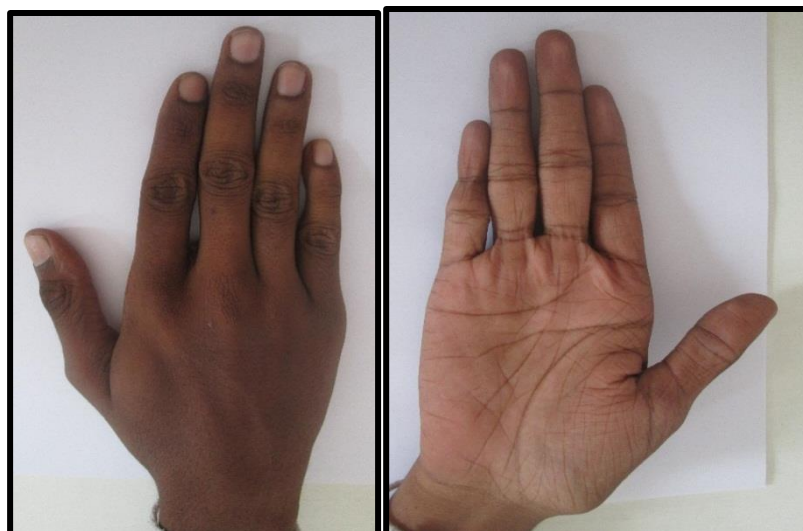


Figure 07 – Right hand Photos of an 18 year old drug addicted person (Case number - KKHA 806)

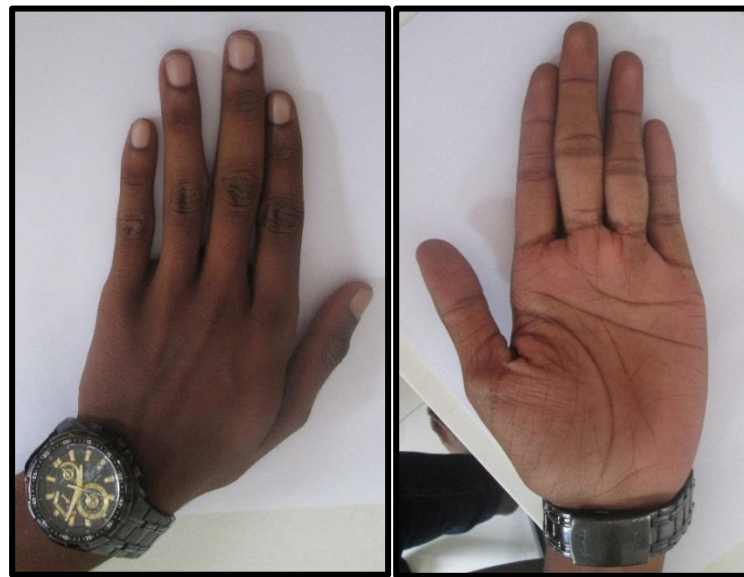


Figure 08 – Left hand Photos of an 18 year old drug addicted person (Case number - KKHA 806)

The handprints belong to an 18-year-old person who has to acknowledge addictions to controlled substances. The Middle and ring finger position is a sign of virtuoso ability. The extreme flexibility of fingers can be seen. The form of the little finger is different. Sydney line, incomplete hypothenar line, and distal arc (girdle of Venus) pattern on the upper part of hypothenar eminence reveals existing addiction tendency.

Notice: Cannabis (Marijuana) is that the most generally used illicit drug globally. People who use cannabis rarely admit to being addicted to it. In fact, many cannabis users strongly deny that it is even possible to be addicted to it. There are various methods of consuming and feeling the effects of Cannabis. Majority of people who use cannabis grind up the dried leaves of the plant and smoke it by way of joint, pipe, bong, and vaporizer. The active chemicals in cannabis also can be consumed through an edible. Along with the many ways to smoke cannabis, there are also many variations in plant breed. Two of the foremost notable types are Indica and Sativa. Most of the users report that Indica affects their body and Sativa affects their mind.

One of the explanations that some people may report a heightened sense of sexuality is that cannabis often distorts users' sense of time, thus creating the illusion of prolonged arousal and orgasm. When using cannabis, consent for sexual intercourse may become unclear. Consent is seen as a clear and enthusiastic "yes" and is especially important when drugs/intoxication (drugs/intoxicants) are involved. Many addicts use it (cannabis) for achieving anal sex and threesome in an easy way. In these cases, cannabis may also be consumed to reduce feelings of discomfort, anxiety, or guilt during or after sexual encounters. Handprints of those cases apart from the above-mentioned signs, dermatoglyphic patterns can be seen prominently on thenar and hypothenar eminences.

Many women are applying cannabinoids or marijuana oil to their vulvas to extend pleasure usually without any noticeable mental effects. Generally, when a woman experiencing sexual arousal, blood rushes to the clitoris and vagina, creating an opening, elongating, and lubricating. Similarly, applying Phytocannabinoids to the vulva also increases blood flow to the vagina. These are the reasons that generally some people are inclined to use cannabis. Along with the above-mentioned hand characteristics, most women opium addicts have black spots on their thumb or little finger that displays unresolved psychosexual difficulties.

Anxiety and sex addiction fall together more frequently. Ninety percent of people with sex addiction are also suffering from an anxiety disorder. Mood disorders, such as depression, co-occur with sex addiction at a rate of 60 percent. About 75 percent of diagnosed sex addiction cases are also suffering from a substance use disorder. The use of marijuana and its effects on the mind, body, sex, relationships, and health is unique to every individual. While some claim that marijuana has a positive impact on their lives. Others feel that it affects their lives negatively. In my study, I have noticed that in the initial stage marijuana is used as a medicine, and with time when chronic signs are present, they are getting an addict to it.

An exaggerated hypothenar eminence (mount of the moon), a weak headline, a defective thumb with a shorter than average first phalange, and the absence of fate line, or if there is fate line it would be a feeble one originating at the lifeline shows that weakness and danger lead to their eventual ruin. In some cases, drooping headline towards the hypothenar eminence is present then an attempt to suicide also can be seen due to addictions.

4. CONCLUSION

Every person has individual reasons for becoming addicts and remedies to their problems must also be individual. Addiction is a major problem in every society. It provokes people to engage in criminal activities. It practically destroys people's daily normal lives. The hand signs mentioned in this research denote some sort of dependency problem, whether it was related to alcohol, drugs, food, sex, or fantasy. Therefore, in the hand internalizing behavioral problems can be identified on the radial side of the hand. Externalizing behavioral problems can be identified by the ulnar side of the hand.

Very few studies have been carried out to evaluate relationships between hand characteristics and drug addiction. The findings of this research suggest that a genetic factor may increase the predisposition to narcotic usage. Further research is required to verify this possible impact of genetic factors on addictive behaviors.

The path to recovery is never easy. However, addiction is treatable and may be successfully managed. People who are recovering from an addiction are in danger of relapse for years and possibly for his or her whole life. Research shows that combining addiction treatment medicines with behavioral therapy ensures the most effective chance of success for many patients. Whenever we counsel an individual, the best service we can provide is to enable people to become more aware of themselves. This includes helping them to achieve a deeper understanding of their strengths and weaknesses and how they could manifest as potential barriers and hidden potentials.

By objectively clarifying the issues and helping patients to become aware of his or her psychological nature may help the person to assume responsibility in life. Sharing information and good advice is one thing, but practicing therapy is the most important thing. One of the reasons many of us fall under alcohol and substance abuse in the first place is that they struggle with social interactions. By analyzing hand signs will help to formulate better counseling and rehabilitation. Also, this study can help a person understand the roots of his or her addiction and possibly prevent addictive behavior before it appears.

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