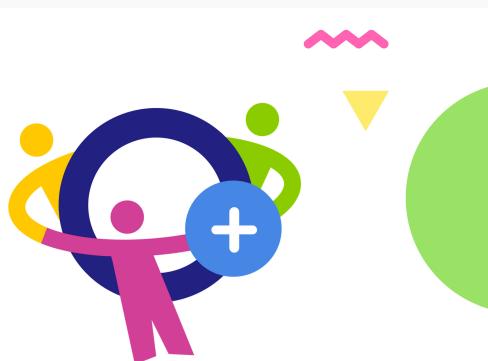


# Open Schools Journal for Open Science

Vol 7, No 2 (2024)

Open Schools Journal for Open Science - Special Issue -IDEA Conference Proceedings



## Open Schools Journal For Open Science

VOLUME 7 - ISSUE 2 - 2024  
ISSN: 2623-3606

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doi: [10.12681/osj.39511](https://doi.org/10.12681/osj.39511)

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### To cite this article:

Gabriel, A., & Tarlow, M. (2024). Compulsive behaviour. *Open Schools Journal for Open Science*, 7(2).  
<https://doi.org/10.12681/osj.39511>

# Compulsive behaviour

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## Abstract

Compulsive behaviour is characterized by strong physical or psychological urges to engage in activities or use substances, often without regard for the consequences. These behaviours can lead to significant impairment in personal, social, and occupational functioning. This paper explores the nature of compulsive behaviours, their prevention, various types, symptoms, diagnosis, and treatment. Emphasis is placed on the importance of mental and physical health in recovery from compulsive behaviours.

**Key words:** *Compulsive behaviour, prevention, treatment*

## 1. Introduction

Compulsive behaviours are actions that individuals feel compelled to perform, despite understanding their potential harmful consequences. There is a wide range, including substance use, gambling, shopping, and working. Compulsions can severely impact individuals' lives, affecting their relationships, health, and overall well-being. Understanding these behaviours, their underlying causes, and effective treatment options is crucial for managing and preventing their detrimental effects.

## 2. Structure

- Nature of Compulsive Behaviours
- Prevention of Compulsive Behaviours
- Types of Compulsive Behaviours
- Diagnosis of Compulsive Behaviours
- Treatment of Compulsive Behaviours
- Importance of Mental and Physical Health in Recovery
- Conclusion

## 3. Nature of Compulsive Behaviours

Compulsive behaviours are marked by an inability to resist the urge to perform a particular action. Individuals often lose control over their actions, resulting in persistent engagement in the behaviour despite negative outcomes. Key characteristics of compulsive behaviours include an inability to stop, increased tolerance, and intense focus. People with compulsive behaviours often find it extremely difficult to cease the activity, even when they have a strong desire to stop. They may have tried multiple times to reduce or eliminate the behaviour, yet continue to relapse. Over time, they may require more of the substance or activity to achieve the same effects, indicating increased tolerance. Additionally, individuals become preoccupied with the behaviour, dedicating substantial time and energy to it, often at the expense of other important aspects of their lives.

#### ***4. Prevention of Compulsive Behaviours***

While there is no guaranteed method to prevent compulsive behaviours, several strategies can help mitigate the risk. Awareness and understanding of the potential consequences are essential for prevention. By recognizing the dangers associated with compulsive behaviours, individuals can make informed decisions to avoid them. Avoiding temptation and peer pressure is another crucial strategy. Steering clear of situations or people that may pressure one into engaging in harmful behaviours and can reduce the likelihood of developing compulsions.

Developing healthy relationships is also important. Supportive friendships and family connections that do not encourage substance use or harmful activities can provide a strong foundation for resisting compulsions. Seeking professional help for underlying mental health conditions, such as anxiety or depression, is vital in preventing compulsive behaviours. Addressing these issues can reduce the need for individuals to turn to harmful behaviours as a coping mechanism. Maintaining a well-balanced life with varied interests and activities can further help prevent compulsions. Engaging in a range of healthy activities can fulfill emotional and psychological needs, reducing the likelihood of turning to harmful behaviours.

#### ***5. Types of Compulsive Behaviours***

##### ***5.1 Substance Compulsions***

Alcoholism is characterized by continued alcohol consumption despite negative outcomes, influenced by both genetic and environmental factors. Individuals may use alcohol to self-medicate stress or anxiety, leading to dependency. Treatment often involves controlled withdrawal and therapy to manage the physical and psychological aspects of addiction. Secondly, caffeine addiction involves the excessive use of caffeine leading to dependency and adverse health effects. Regular consumption can create a physical dependence, requiring increasing amounts of caffeine to achieve the same stimulating effects. This can interfere with daily functioning and health, making it difficult for individuals to feel alert without caffeine.

Smoking or nicotine addiction involves both physical and psychological factors, making cessation challenging. Nicotine releases dopamine in the brain, similar to other addictive substances, creating a strong dependency. Early initiation, especially during the teen years, significantly increases the risk of developing a long-term addiction.

##### ***5.2 Non-Substance Compulsions***

Gambling compulsions are characterized by persistent betting despite severe personal and financial consequences. Individuals may feel an uncontrollable urge to gamble, often leading to significant distress and disruption in their lives. Additionally, shopping compulsions involve uncontrollable and excessive purchasing, leading to severe psychological and financial problems. Those with this disorder, often referred to as shopaholics, may use shopping as a way to boost self-esteem or cope with emotional issues, despite the negative impacts on their lives.

Another non-substance compulsion is workaholism which is the compulsion to work incessantly, often linked to underlying psychological needs such as perfectionism, low self-esteem, or narcissism. This behaviour can negatively impact health, relationships, and job

performance, as workaholics may struggle to disengage from work and experience anxiety or guilt when not working.

### **5.3 Food Compulsions**

Food compulsion involves overeating or eating out of boredom, leading to serious physical and psychological effects. This behaviour is comparable to substance addiction due to its impact on brain reward circuits, prompting cravings similar to those for addictive drugs. Individuals with food compulsions may struggle with obesity and related health issues, as well as significant emotional distress.

### **6. Diagnosis of Compulsive Behaviours**

Diagnosing compulsive behaviours involves a comprehensive assessment by healthcare providers. This process may include patient and family interviews to understand patterns of behaviour and substance use. A physical examination is often conducted to evaluate overall health and rule out other conditions. Additionally, laboratory tests such as blood and urine tests can provide valuable information about the individual's health and detect substance use. These diagnostic steps help in developing an accurate understanding of the compulsive behaviour and formulating an effective treatment plan.

### **7. Treatment of Compulsive Behaviours**

Effective treatment of compulsive behaviours often involves a combination of approaches. Hospital management is sometimes necessary for monitoring and therapy during withdrawal, especially for substances that create dangerous withdrawal symptoms. Medications can be prescribed to reduce urges, cravings, and ongoing withdrawal symptoms. Treating co-occurring mental health conditions with medications is also common. Rehabilitation, or rehab, offers structured counselling and support in either inpatient or outpatient settings.

Rehab services focus on helping individuals manage compulsive behaviour long-term and live healthier lives. Various types of therapy, such as cognitive behavioural therapy and group therapy, are used to help individuals gain new perspectives and change their behaviour. Support groups, like Alcoholics Anonymous or Narcotics Anonymous, provide peer support and shared experiences, which can be crucial for ongoing recovery.

### **8. Importance of Mental and Physical Health in Recovery**

Mental health plays a significant role in the recovery from compulsive behaviours. Positive mental health can enhance motivation and engagement in treatment, making it more likely that individuals will follow through with recommended therapies. Conversely, poor mental health can hinder recovery efforts, leading to feelings of hopelessness and reduced commitment to treatment. Physical health is equally important in recovery.

Without a doubt, regular physical activity and maintaining a healthy lifestyle can improve mood, reduce the risk of mental illness, and enhance overall well-being. Being physically active and healthy can help individuals feel more energetic, sleep better, and think

more positively about themselves and life in general, all of which are beneficial for long-term recovery.

### ***9. Conclusion***

Compulsive behaviours represent a significant challenge due to their pervasive impact on individuals' lives. Understanding the nature of these behaviours, their causes, and effective prevention and treatment strategies is essential. Emphasizing the importance of mental and physical health in recovery can improve outcomes and help individuals lead healthier, more fulfilling lives. Through comprehensive assessment and a combination of therapeutic approaches, individuals struggling with compulsive behaviours can achieve long-term recovery and improved well-being.

### ***References***

1. <https://www.pvamu.edu/sa/drug-and-alcohol-abuse-prevention-program-daapp/tips-for-preventing-substance-abuse/>
2. <https://www.sunshinecoasthealthcentre.ca/we-all-experience-addiction-in-different-forms/>
3. <https://www.healthdirect.gov.au/what-is-addiction>
4. <https://shelteringarmsinstitute.com/rehablogs/the-importance-of-mental-health-on-your-recovery/>
5. <https://www.apa.org/topics/substance-use-abuse-addiction>
6. <https://www.psychologytoday.com/us/basics/addiction>