



## The Intersection of Accidental Trauma and PTSD: Diagnosis and Treatment

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### Introduction

Accidental trauma is an event that occurs suddenly and unexpectedly, often resulting in physical or emotional harm to an individual. While not all individuals who experience accidental trauma will develop post-traumatic stress disorder (PTSD), the two are often closely linked. PTSD is a mental health condition that can develop following a traumatic event and can lead to symptoms such as flashbacks, nightmares, and avoidance behaviors. This article will explore the intersection of accidental trauma and PTSD, including diagnosis and treatment options.

Accidental trauma can lead to the development of PTSD in a variety of ways. For some individuals, the suddenness and unexpected nature of the trauma can be particularly distressing, leading to increased feelings of vulnerability and helplessness. Additionally, the severity and type of trauma can also impact the likelihood of developing PTSD. For example, individuals who experience a life-threatening accident, such as a car crash or a fall, may be more likely to develop PTSD compared to those who experience a less severe trauma [1]. Other factors that can impact the development of PTSD following accidental trauma include an individual's age, prior trauma exposure, and level of social support. For example, children and adolescents may be more vulnerable to the development of PTSD following accidental trauma due to their still-developing coping mechanisms and support networks [2].

Fortunately, there are a variety of effective treatments available for individuals who develop PTSD following accidental trauma.

These treatments typically fall into two categories: psychotherapy and medication. **Psychotherapy:** The most commonly used psychotherapy for PTSD is cognitive-behavioral therapy (CBT). CBT is a structured, goal-oriented approach that focuses on identifying and changing unhelpful thought patterns and behaviors. This can include techniques such as exposure therapy, where an individual is gradually exposed to the feared stimulus in a safe and controlled manner, and cognitive restructuring, where an individual learns to identify and challenge negative thoughts and beliefs.

**Medication:** Certain medications can be helpful in treating PTSD symptoms. Selective serotonin reuptake inhibitors (SSRIs), which are commonly used to treat depression and anxiety, have been shown to be effective in reducing symptoms of PTSD. Other medications, such as prazosin, which is used to treat nightmares, may also be helpful for individuals with PTSD [3]. Other treatments, such as eye movement desensitization and reprocessing (EMDR), have also shown promise in treating PTSD. EMDR is a therapy that involves recalling traumatic memories while simultaneously engaging in specific eye movements or other forms of bilateral stimulation.

### Conclusion

Accidental trauma can be a significant source of distress and can lead to the development of PTSD in some individuals. Fortunately, there are a variety of effective treatments available for individuals with PTSD, including psychotherapy, medication, and other alternative treatments. If you or someone you know has experienced accidental trauma and is struggling with PTSD symptoms, it is important to seek professional help from a mental health provider who specializes in trauma treatment. With the right diagnosis and treatment, it is possible to recover from the effects of accidental trauma and lead a fulfilling life.

It is also important to note that there are steps individuals can take to help prevent accidental trauma in the first place [4,5]. This includes following safety guidelines, such as wearing seat belts and helmets, practicing safe driving behaviors, and avoiding risky activities. Additionally, having a strong support network and practicing self-care can help individuals cope with any stress or anxiety that may arise from accidental trauma. Overall, the intersection of accidental trauma and PTSD is a complex issue that requires a nuanced understanding of both conditions. With the right diagnosis and treatment, individuals can overcome the effects of accidental trauma and lead a healthy and fulfilling life.

### References

1. JA Casey. Using electronic health records for population health research: a review of methods and applications. *Annu Rev Public Health*.2016; 37:61-81.
2. Pollack AA. Mental health, life functioning and risk factors among people exposed to frequent natural disasters and chronic poverty in Vietnam. *BJPsych Open*2016; 2:221-32.
3. TA Carleton. Crop-damaging temperatures increase suicide rates in India. *Proc Natl Acad Sci USA*. 2017;114:8746-51.
4. Liu X. Influence of heat waves on daily hospital visits for mental illness in Jinan, China—a case-crossover study. *Int J Environ Res Public Health*.2018; 16:e87.
5. Jowers JR. Empirical evidence suggests adverse climate events have not affected Australian women's health and well-being. *Aust N Z J Public Health*.2012; 36:452-7.