

## **Review of Current Literature on Use of Prazosin for Treatment of Post-Traumatic Stress Disorder Related Sleep Disturbances in Child and Adolescent Population**

**Authors :** Davit Khachatryan, Shuo Xiang

**Abstract :** Numerous published studies on the use of prazosin in the treatment of PTSD-related sleep disturbances in adult population have resulted in updates to the recommendation for prazosin for nightmares that showed its strength of evidence elevated from C to B in the US Department of Veterans Affairs clinical practice guideline. In addition, the American Academy of Sleep Medicine clinical practice guideline gave prazosin a level-A recommendation for the treatment of PTSD-associated nightmares. The aim of this review is to summarize the available literature for prazosin use for nightmares and other sleep disturbances in children and adolescents with PTSD. Method: A comprehensive search for studies on prazosin use for sleep disturbances in child and adolescent population with PTSD has been performed. We looked at MEDLINE, EMBASE, PsycINFO, CINAHL, AMED, Scopus, Web of Science, and Cochrane CENTRAL databases. Results: Compared to adult population with similar psychopathology, the available literature in child and adolescent population is scarce. Despite increased interest in prazosin in the management of PTSD, only six studies investigating this medication in children and adolescents have been published. Conclusion: A large randomized control trial on this topic is needed for more definite evidence on the efficacy and safety of prazosin in the treatment of nightmares in children and adolescents with PTSD.

**Keywords :** guidelines, prazosin, PTSD, sleep disturbance

**Conference Title :** ICCAP 2015 : International Conference on Child and Adolescent Psychiatry

**Conference Location :** Paris, France

**Conference Dates :** December 30-31, 2015