



# INTRA VAGINAL LATANCY TIME IN HEROIN DETOXIFIED PATIENT

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## Introduction

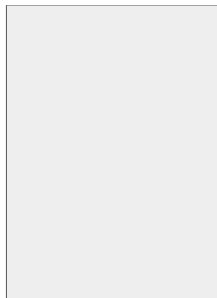
For long time opium has been used to treat premature ejaculation and prolong sexual pleasure .In almost all heroin detoxified patients IVLT is acutely reduced. Chronic form of these withdrawals effects can last from 6 months to couple of years. This reduced IVLT can be a cause of relapse .Since there are no standard guidelines for these patients.

## Aim

This review is to help patients of heroin addiction is to maintain satisfactory sexual life during period of abstinence.

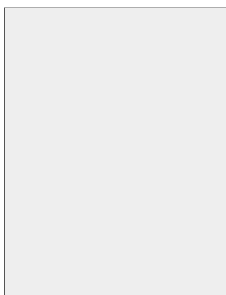
## Method

An internet search was made using key words premature ejaculation, opiod withdrawal, pharmacological effects of heroin to understand neurochemical basis of reduced IVLT during drug withdrawals.



*Captions to be set in Times or Times New Roman or equivalent, italic, between 18 and 24 points. Left aligned if it refers to a figure on its left. Caption starts right at the top edge of the picture (graph or photo).*

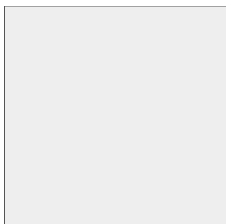
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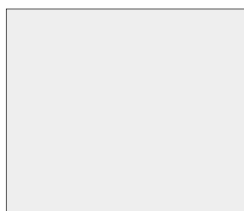
## Results

There is paucity of literature regarding neurochemical basis of drug withdrawal in general and reduced IVLT in particular.

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## Discussion

### CALCIUM CHANNEL

Heroin has blocking effect on calcium channels. These voltage gated channels open up during withdrawals.

Pregablin ,Gabapentine, Baclofen, Nimodipine, as blocker of calcium channels can be helpful both for withdrawals and comorbid PME.

### SEROTONERGIC SYSTEM

During addiction serotonergic system undergoes specific adaptation which result in compulsive drug use behavior. Acute heroin intake enhance serotonergic activity. However chronic use decrease serotonergic tone. **Depoxetine** given on PRN basis in PME patient. It is extremely potent SSRI. In heroin abstinent patients it may given on daily basis.

### NORADRENALIN SYSTEM

Heroin inhibit non adrenaline in locus coeruleus. When heroin is stopped there is increased firing causing withdrawal symptoms like sweating nervousness and insomnia. Elevated nor epinephrine may be predisposing factor of substance abuse. Prazosin guanfacin, clonidine, tizanidine, alfuzazone can be helpful. Alpha receptor mediate orgasmic reflex and overactive alpha receptors if blocked can increase IVLT.

### LOCAL ANAESTHETICS

Drugs like lignocain SS cream can be added in treatment. Dorsal penile neurectomy can decrease hyper sensitivity can help increase IVLT.

## Conclusion

Treatment of short IVLT can improve prospects of heroin abstinent patients.

## Acknowledgements

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