# Article information:

Evaluation of the abuse potential of pitolisant, a selective H3-receptor antagonist/inverse agonist, for the treatment of adult patients with narcolepsy with or without cataplexy - PMC
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7157189/>

# Article summary:

1. This study evaluated the abuse potential of pitolisant, a selective H3-receptor antagonist/inverse agonist recently approved by the US Food and Drug Administration for the treatment of excessive daytime sleepiness in adult patients with narcolepsy.

2. The study found that pitolisant had significantly lower potential for abuse compared to phentermine and an overall profile similar to placebo, suggesting a low risk of abuse for pitolisant.

3. Adverse events were reported in 82.1% of participants after taking phentermine HCl 60 mg, 72.5% after taking pitolisant 213.6 mg, 47.5% after taking pitolisant 35.6 mg, and 48.8% after taking placebo administration.

# Article rating:

May be slightly imbalanced: The article presents the information in a generally reliable way, but there are minor points of consideration that could be explored further or claims that are not fully backed by appropriate evidence. Some perspectives may also be omitted, and you are encouraged to use the research topics section to explore the topic further.

# Article analysis:

The article is generally reliable and trustworthy as it provides evidence from a clinical trial conducted to evaluate the human abuse potential of pitolisant in healthy, nondependent recreational stimulant users using a double-blind crossover design with 38 study completers (73.7% male; 65.8% white; mean age, 33.3 years). The primary endpoint was maximum effect (Emax) on the 100-point Drug Liking (“at this moment”) visual analog scale which showed that mean Drug Liking Emax was significantly greater for phentermine versus pitolisant 35.6 mg (mean difference, 21.4; p < 0.0001) and pitolisant 213.6 mg (mean difference, 19.7; p < 0

# Topics for further research:

* Pitolisant abuse potential
* Pitolisant clinical trial
* Pitolisant Drug Liking
* Pitolisant recreational stimulant users
* Pitolisant double-blind crossover design
* Pitolisant visual analog scale

# Report location:

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