

VIVITROL (naltrexene extended release)

Effective Date: 1/28/14

Date Developed: 1/28/14 by Robert Sterling, MD

Last Approval Date: 1/26/16, 1/24/17, 1/23/18, 1/22/19,
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Naltrexone (a pure opioid antagonist) is a derivative of oxymorphone similar in structure to naloxone and nalorphine (a morphine derivative); it acts as a competitive antagonist at opioid receptor sites, showing the highest affinity for mu receptors. Endogenous opioids are involved in modulating the expression of alcohol's reinforcing effects. Naltrexone also modifies the hypothalamic-pituitary-adrenal axis to suppress alcohol consumption.

Authorization:

Alcohol use disorder: Treatment of alcohol use disorder.

Opioid use disorder, mild to severe: For the blockade of the effects of exogenously administered opioids.

Dosing: 380 mg intramuscularly every four weeks

PRECAUTIONS: injection site reactions; worsening depression; hypersensitivity reactions; unintended withdrawal symptoms if given prior to several days of abstinence; hepatic impairment

REFERENCES

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8. Garbutt JC, Kranzler HR, O'Malley SS, et al; Vivitrex Study Group. Efficacy and tolerability of long-acting injectable naltrexone for alcohol dependence: a randomized controlled trial. *JAMA*. 2005;293(13):1617-1625.
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Revision History:

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1/24/17	No	Catherine Sanders, MD; Robert Sterling, MD	Annual review
1/23/18	No	Catherine Sanders, MD; Robert Sterling, MD	Annual review
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