

# Opium 1% - Faran

50mg Morphine/5ml Tincture



**Renovate Your Life**

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**Opium** is the first substance of the diverse group of opiates. It has been known for a long time, and the first evidence of a poppy culture dates from 5 thousand years by the Sumerians. Tincture of opium could be used in three different ways in interventions for opioid dependency, first, as a supportive drug to reduce withdrawal syndrome during detoxification programs, second, as a substitution drug in long term maintenance, third, as a legal form of opioid drugs for harm reduction purposes.

**Opioid use disorder and opioid addiction remain at epidemic levels in the U.S. and worldwide<sup>2</sup>.**

**16 million**

individuals worldwide have had or currently suffer from opioid use disorder (OUD)<sup>1</sup>.



### Opium tincture-assisted treatment for opioid use disorder<sup>2</sup>: A systematic review

- Opium tincture-assisted treatment could be safe and efficacious for people with opioid use disorder, those with opium use disorder in particular.
- Integrating opium tincture-assisted treatment into substance use treatment services may be feasible in settings where opium use is common.
- The overall quality of evidence on opium tincture-assisted treatment is low and higher-quality randomized controlled trials are needed.



## Medication Assisted Treatment (MAT)

Medication assisted treatment (MAT) is the use of medications (e.g., methadone, buprenorphine, or naltrexone), in combination with counseling and behavioral therapies, to provide a “whole-patient” approach to the treatment of substance use disorders. Research shows that a combination of medication and therapy can successfully treat these disorders, and for some people struggling with addiction, MAT can help sustain recovery. MAT is also used to prevent or reduce opioid overdose. MAT treatment should be a safe, legal, affordable and oral route administered.

### Indication<sup>3</sup>:

Maintenance treatment of opioid use disorder (those with opium use disorder in particular).

### Pharmacokinetic<sup>3</sup>:

Bioavailability	Variable
Protein binding	20-60%
Metabolism	Hepatic
Half-life	3-10 Hours
Excretion	Urine

### Administration<sup>3</sup>:

- May administer with food to decrease GI upset.
- The preparation is for oral administration only; not for inject, snort, sniff, and smoke.

### Pregnancy and Breastfeeding<sup>3</sup>:

Opium crosses the placenta and is present in breast milk; the risk or benefit of treatment to the mother and infant should be considered by healthcare providers.

### Dosings<sup>3</sup>:

Based on clinical guidelines for the use of opium tincture in the treatment of opioid addiction, titrate gradually due to patient response and adverse effects.

### **Contraindications<sup>3</sup>:**

Hypersensitivity to opium or morphine or any of the other ingredients of this formulation. diarrhea caused by poisoning until the toxic material is eliminated from the GI tract.

### **Warnings and Precautions<sup>3</sup>:**

Use with caution in patients with hypovolemia, cardiovascular disease, hepatic impairment, compromised respiratory function, severe psychiatric disorders, adrenal insufficiency, active autoimmune diseases, biliary tract dysfunction, GI hemorrhage, various neoplastic diseases, history of drug abuse or acute alcoholism, head injury, intracranial lesions or elevated intracranial pressure, obesity, prostatic hyperplasia and/or urinary stricture, thyroid dysfunction, debilitated patients.

### **Drug Interactions<sup>3</sup>:**

Opioids (Mixed Agonist /Antagonist), Diuretics, Gastrointestinal agents (Prokinetic), CNS depressants, Serotonergic agents, Sincalide, Desmopressin.

### **Side Effects<sup>3</sup>:**

Bradycardia, hypotension, palpitations, peripheral vasodilation, CNS depression, depression, dizziness, drowsiness, drug dependence, headache, increased intracranial pressure, insomnia, restlessness, malaise, anorexia, biliary tract spasm, constipation, nausea, stomach cramps, vomiting, decreased urine output, genitourinary tract spasm, histamine release, weakness, miosis, respiratory depression, hypogonadism.



### **Reference:**

1. Azadfar M, Huecker MR, Leaming JM. Opioid Addiction. [Updated 2022 Apr 7]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK448203/>
2. Noroozi, A., Kebriaeezadeh, A., Mirrahimi, B., Armoon, B., Ahounbar, E., Narenjiha, H., Karamouzian, M. Opium tincture-assisted treatment for opioid use disorder: A systematic review. Journal of Substance Abuse Treatment, 129, 108519. doi: 10.1016/j.jsat.2021.108519
3. Tincture of opium monograph/Uptodate/ /2022