

Every step of our research, trial and production, is a way to approach to a healthy society, reduce suffering, share knowledge and help people to have a better life
It's our ultimate responsibility.

Methadone

5,20,40mg Tablet



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Methadon

Oral Solution 25mg
250 ml syrup

RENOVATE YOUR LIFE



Methadone

(5, 20 , 40mg Tablet/Oral Solution 25mg/5ml)

Introduction

Methadone is an Opioid agonist which is indicated for detoxification and maintenance treatment of opioid addiction (heroin or other morphine-like drugs) and also for the treatment of moderate to severe pain not responsive to nonnarcotic analgesics.

Indication

Drug withdrawal syndrome,
Opioid type drug dependence,
Moderate to severe pain relief.

Pharmacokinetics

Onset of action	30 to 60 Min
Plasma Protein Binding	85 - 90%
Metabolism	Hepatic, P - 450 3A4
Elimination Rout	Bile and Urine
Half-Life	24 - 36 h
Volume Of Distribution	1 - 8 L/Kg
Bioavailability	36-100%

Ref: Drug Bank

Pharmacodynamics

Contra-indications:

- Methadone is contraindicated in patients with a known hypersensitivity to methadone hydrochloride or any other ingredient in methadone hydrochloride tablets.
- Methadone is contraindicated in any situation where opioids are contraindicated such as: patients with respiratory depression (in the absence of resuscitative equipment or in unmonitored settings), and in patients with acute bronchial asthma or hypercarbia, Head injuries and increased intracranial pressure.
- Methadone is contraindicated in any patient who has or is suspected of having a paralytic ileus.

Cautions:

- Life-threatening Respiratory Depression: Respiratory depression, including fatal cases, have been reported during initiation and conversion of patients to methadone, and even when the drug has been used as recommended and not misused or abused.

Side effects:

- The most common side-effects: Respiratory Depression, QT Prolongation, Chronic Pulmonary Disease, Interactions with CNS Depressants, Hypotensive Effect, Gastrointestinal Effects (nausea, vomiting, constipation) and Seizures.

Dosage form

- Tablet: 5, 20 & 40 mg
- Syrup: 25mg/5ml (250ml Bottle)