



EMS System for Metropolitan Oklahoma City and Tulsa 2024 Medical Control Board Mobile Integrated Health Protocols



Draft for Review & Action 5/01/24, Effective 7/01/24, New Protocol

MIH 10B – Clonidine Hydrochloride

MOBILE INTEGRATED HEALTH PARAMEDIC

Class: Alpha-2 Adrenergic Agonist

Actions/Pharmacodynamics: Stimulates alpha-2 adrenoreceptors in the brain stem, thus activating an inhibitory neuron, resulting in reduced sympathetic outflow from the CNS, producing a decrease in peripheral resistance, renal vascular resistance, heart rate, and blood pressure.

Indications:

- Premedication for Medication Assisted Recovery.
- History of overdose or high-risk substance abuse.
- History of opioid dependence with presence of withdrawal symptoms and abstinence of use of at least 24 hrs. (72 hrs. for methadone).
- COWS (Clinical Opiate Withdrawal Score) ≥ 8 .
- Willingness to engage in outpatient recovery through an identified outpatient center.

Contraindications:

- Hypotension
- Current evidence of intoxication due to alcohol or other substances (can re-evaluate in 24 hrs.)
- Known history of recent benzodiazepine or other sedative use/ abuse.
- Known current pregnancy (high risk patients may be treated with medical direction consultation in rare circumstances), clonidine crosses the placenta.
- Presence of severe cirrhosis, liver failure or renal failure (dialysis).
- Unstable vital signs or signs of hemodynamic or respiratory instability.
- Taking methadone or any other long-acting narcotic within 72 hrs.
- Chronic pain patients who are prescribed opioids.
- Patient is in an established program currently.
- Known hypersensitivity or anaphylaxis.
- Opioid naïve patients.
- Any active medical issue requiring urgent medical attention (infection, trauma).
- Concurrent use of Monoamine Oxidase (MAO) inhibitors.

Pharmacokinetics: Oral: Immediate release: 0.5 to 1 hour (maximum reduction in blood pressure: 2 to 4 hours).



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MIH – 10B Clonidine Hydrochloride cont.’

Side Effects: Bradycardia and hypotension may occur with therapeutic or supratherapeutic dosing of Clonidine in all ages. Those adverse reactions may require intervention and are generally reversible with discontinuation.

Dosage: 0.1 to 0.2 mg (Pts > 90kg may receive up to 0.3mg)

How Supplied: 0.1mg tablet