

Class

Antidote

Pharmacologic Properties

Reduces methemoglobin to hemoglobin in low doses.

Indications

- Used for the treatment of methemoglobinemia associated with exposure to aromatic nitro, ammino, or sodium nitrite compounds [Protocol 25](#).

Contraindications

- Absence of methemoglobinemia.

Precautions

- **WARNING** Methylene Blue is itself toxic and may produce disorientation, elevated BP, nausea, diarrhea and delayed hemolytic anemia.

Adverse Reactions

- Dyspnea, chest pain, red cell hemolysis, and arrhythmias.

Dosage and Administration**Adult**

- 1 – 2 mg/kg slow IV/IO over 2 – 5 minutes.
 - Discontinue administration if hypotension occurs.

Pediatric

- 1 mg/kg slow IV/IO over 2 – 5 minutes.
 - Discontinue administration if hypotension occurs.