

## Methemoglobin-Former Toxicity

1. **Identification** – the substance has been positively identified
2. **Medical Control** – On-line medical control has been established with Mercy Medical Center and if needed the local receiving facility
3. **Rescuer Safety** – The victim is thoroughly decontaminated and EMS personnel are in a safe environment
4. **Supportive Care** – Basic and advanced life support measure are secured before consideration of antidotal therapy. This might include high flow oxygen
5. **Assessment** – The victims symptoms are appropriate for the toxin.
6. **HAZMAT DRUG ADMINISTRATION**
  - a. **Methylene blue 1% (10mg/ml)** – Slow IV push in IV with running normal saline at 100 – 200 ml/hr given over 2 to 3 minutes – 1 mg/kg (0.1 ml/kg of 1% solution). For the averaged 70 kg adult this would be 7 ml of the 10 ml ampule. May repeat in 10 minutes if not improved.
7. **Ongoing assessment**
8. **Continued contact with medical control**

Steve Stroman, MD, FACEP, FAAEM, EMT-P  
Medical Director, Oshkosh Fire Dept