



Epinephrine Emergency Response Procedure Mahtomedi Public Schools

Purpose:

To provide emergency care, medication, and response to someone with a suspected anaphylactic allergic reaction.

Epinephrine Procurement:

The District Nurse will collaborate with the Director of Student Support Services to determine means the district will obtain epinephrine as this could change. A standing order to obtain epinephrine will be secured through the MN Board of Pharmacy and maintained for the procurement of epinephrine. Currently epinephrine will be procured from the EpiPen4Schools program.

When to Use:

1. Staff Identification for training:
 - a. The District Nurse will work in partnership with the Director of Student Support Services and building level administration to identify staff to be trained on an annual basis on the administration of epinephrine (EpiPen). This will include the following list of staff:
 - i. District Nurse (BSN, PHN, LSN)
 - ii. Building Nurse (RN, LPN)
 - iii. Health office paraprofessional
 - iv. All building level staff including: licensed teachers, paraprofessionals, administrators, and clerical staff
2. Epinephrine may be administered to students, or staff in the event of suspected or known ingestion of allergen and any severe anaphylactic symptoms occurring. Symptoms may include: significant swelling of the mouth / tongue, many hives over body, shortness of breath / coughing, thready / weak pulse, unresponsiveness.
3. Epinephrine will be available in a secure and locked location in school buildings. It is currently being stored in a locked case hanging near the AED in all school buildings. Epinephrine can be accessed with a key or the glass panel may be broken with an attached hammer if needed. Key is stored in the health office. Exceptions to this listed below:
 - a. District Education Center: the Epinephrine key is kept at the main office front desk.
 - b. Passages Transition Program: Epinephrine is stored in the health room in the locked cabinet.

Signs & Symptoms of severe anaphylactic symptoms
LUNG: Shortness of breath, wheezing, coughing
HEART: Pale, blue, faint, weak pulse, dizzy, confused
THROAT: Tightness, hoarse voice, trouble breathing / swallowing
MOUTH: Significant swelling (tongue and / or lips)
SKIN: Redness / many hives over body
GUT: Repetitive vomiting, severe diarrhea
ANY combination of milder symptoms from different body areas

Procedure:

- 1. Inject Epinephrine immediately:**
 - a. **First remove the EpiPen Auto-Injector from the plastic carrying case.**
 - b. **Pull off the blue safety release cap**
 - c. **Hold orange tip near outer thigh (always apply to thigh)**
 - d. **Swing and firmly push the orange tip against the outer thigh, while holding firmly to not allow movement. Hold on the thigh for approximately 3 seconds.**
 - e. **Remove the EpiPen Auto-Injector and massage the area for 10 more seconds**
- 2. Call 911 to get help and activate school specific emergency response, tell rescue squad that Epinephrine was given**
 - a. Notify building administrators, School Resource Officer, District Nurse, and the students parent or guardian.
3. Have the person lay flat, raise legs, and keep warm. If breathing is difficult or vomiting, let them sit up or lay on their side.
4. Give the 2nd dose of Epinephrine about 5 minutes after the 1st dose if symptoms do not improve or symptoms return.
5. Stay with the person until emergency services and parent / or guardian arrives.
6. Transport to the Emergency Department is recommended for further monitoring.
- 7. Documentation, Notification, and Debriefing**
 - a. Document events & Epinephrine administration in Synergy Health portal, also document the incident on the Student Incident Report Form.
 - b. The following staff must be notified of the incident:
 - i. Building administrator
 - ii. District Nurse
 - iii. Director of Student Support Services
 - iv. Superintendent

