Emergency Guidelines for North Dakota Schools



NORTH DAKOTA





A guide for helping ill or injured students when a school nurse is not available.

Emergency Guidelines for North Dakota Schools

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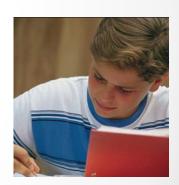
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About the Guidelines

The Emergency Guidelines for Schools manual is meant to provide recommended procedures for school staff who have little or no medical/nursing training to use when a school nurse is not available. It is recommended that staff who are in the position to provide first-aid to students complete an approved first-aid and CPR course. Although designed for a school environment, this resource is equally appropriate for a child-care or home setting.

The emergency guidelines in this booklet were originally produced by the Ohio Department of Public Safety's Emergency Medical Services for Children Program, in cooperation with the Emergency Care Committee of the Ohio Chapter, American Academy of Pediatrics. The North Dakota Department of Health's divisions of Family Health and Emergency Medical Services-EMS for Children revised the manual to fit the needs of the community in North Dakota.

This manual has been developed to provide the school health caregiver general information about meeting the basic health care needs of students in school. Please remember that these are only guidelines and are not intended to replace caregiver judgement or to substitute for school policy or the advice of a health care provider. Always consult a school administrator, the student's parents/guardians, and the student's health care provider for questions regarding the care of the student. If a situation appears life threatening, always follow school policy regarding notification and call 911.

Please take time to familiarize yourself with the format and review the "How to Use the Guidelines" section prior to an emergency situation.

Thank you to the review committee for their expertise and recommendations.

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How to Use the Emergency Guidelines

- Slide nine of this guide contains important information about key emergency phone numbers. It is important to complete this information as soon as you receive the guide, as you will need to have this information ready in an emergency situation.
- After the introductory section, the guidelines are arranged in alphabetical order for quick access.
- A colored flow chart format is used to guide you easily through all steps and symptoms from beginning to end. See the "Key to Shapes and Colors" on slide five for more information.
- Take time to familiarize yourself with the Emergency Procedures section. These procedures give a general overview of the recommended steps in an emergency situation and the safeguards that should be taken.
- In addition, information has been provided about infection control procedures and emergency planning for students with special needs.
- Document after any medical care or attention. This is extremely important. Links to sample forms for you to download, adjust, and print are included in this manual.

Key to Shapes and Colors

Start here.

Provides first aid instructions.

Asks a question...you will have a choice based on student's condition.

Stop here. This is the final instruction.



Call EMS (911) for transport to nearest hospital.



CPR should be started.

A note to provide background or additional information.



Call the Police or 911.

Emergency Procedures for Accident or Illness

- Assess the situation. Be sure the scene is safe for you to approach. Electrical wires, gas leaks, building damage, fire or smoke, traffic, and violence all require CAUTION.
- A responsible adult should stay at the scene and give help until the person designated to handle emergencies arrives.
- Send word to the person designated to handle emergencies. This person will take charge of the emergency and render any further first aid needed.
- Do **NOT** give medications unless there has been prior approval by the parent or legal guardian and healthcare provider according to local school board policy.
- Do **NOT** move a severely injured or ill student unless absolutely necessary for immediate safety. If moving is necessary, follow guidelines for NECK AND BACK PAIN section.
- The responsible school authority or a designated employee should notify the parent/legal guardian of the emergency as soon as possible to determine the appropriate course of action.
- If the parent/legal guardian cannot be reached, notify an emergency contact and call the health care provider or designated hospital on the Emergency Medical Authorization form, so they will know to expect the ill or injured student. Arrange for transportation of the student by EMS, if necessary.
- A responsible individual should stay with the injured student.
- Complete any paperwork/reports required by school policy.

Post-Crisis Intervention Following Serious Injury or Death

- Discuss with counseling staff or critical incident stress management team.
- Determine level of intervention for staff and students.
- Designate private rooms for private counseling/defusing.
- Escort affected students, siblings and close friends and other highly stressed individuals to counselors/critical incident stress management team.
- Assess stress level of staff. Recommend counseling to all staff.
- Follow up with students and staff who receive counseling.
- Designate staff person(s) to attend funeral.
- Allow for changes in normal routines or schedules to address injury or death.

When to call EMS/911

- Student is unconscious, semi-conscious or unusually confused
- Student's airway is blocked
- Student is not breathing
- Student is having difficulty breathing, shortness of breath, or choking
- Student has no pulse
- Student has bleeding that won't stop
- Student is coughing up or vomiting blood
- Student has been poisoned
- Student has a seizure for the first time or a seizure that lasts more than five minutes
- Student has injuries to the neck or back
- Student has sudden, severe pain anywhere in the body
- Student's condition is limb-threatening
- Student's condition has potential to worsen or become life-threatening on the way to the hospital
- Moving the student could cause further injury
- Student needs the skills of equipment or paramedics or EMS technicians
- Distance or traffic conditions could cause a delay in getting the student to the hospital

If any of the above conditions exist, or if you are not sure, it is best to call EMS/911.

North Dakota Emergency Medical Services for Children (EMSC) offers a pamphlet on "When to Call EMS". Please contact them at 701.328.2388 for more information.



Infection Control

To reduce the spread of infectious diseases (diseases that can be spread from one person to another), it is important to follow **universal precautions**. Universal precautions are a set of guidelines that assume all blood and certain other body fluids are potentially infectious. It is important to follow universal precautions when providing care to a student, whether or not the student is known to be infectious. The following list describes universal precautions:

- Wash hands thoroughly with running water and soap for at least 15 seconds:
 - o Before and after physical contact with any student (even if gloves have been worn)
 - Before and after eating or handling food
 - After cleaning
 - After using the restroom
 - After providing any first aid

Be sure to scrub between fingers, under fingernails and around the tops and palms of hands. If soap and water are not available, an alcohol-based waterless hand sanitizer may be used according to manufacturer's instructions.

- Wear disposable gloves when in contact with blood and any other body fluids.
- Wear protective eyewear when body fluids may come in contact with eyes.
- Wipe up any blood or body fluid spills as soon as possible (wear gloves). Double bag the trash in plastic bags and dispose of immediately. Clean the area with an appropriate cleaning solution.
- Send soiled clothing home with the student in a double-bagged plastic bag.
- Do not touch your mouth or eyes while giving any first aid.

Additional Guidelines for Students:

- Remind students to wash hands thoroughly after coming in contact with their own body fluids.
- Remind students to avoid contact with another person's blood or body fluids.

Emergency Phone Numbers & Contacts

Complete this page as soon as possible and update as needed. Post near phones and save numbers in your cell phone(s).

 Your name and school name Nature of the emergency (what is going on) School Telephone number
Average response time to your school
Directions to your school
 Be prepared to give the following information. Do not hang up before the dispatcher hangs up! Your name and school name Nature of the emergency (what is going on) School Telephone number Exact location of injured person What help has already been given Ways to make it easier to find you and student
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Other Important Phone Numbers:
School Nurse Responsible School Authority Poison Control Center 800.222.1222 Fire Department 911 or Police 911 or Hospital or nearest Emergency Department (ED) County Social Services Rape Crisis Center1.800.656.HOPE Suicide Hotline 1.800.273.TALK Local Public Health Unit Other Medical Services Information (dentists, physicians, etc.)

Recommended First Aid Equipment and Supplies

- Current first aid and CPR manual
 - o American Academy of Pediatrics <u>www.aap.org</u>
 - American Red Cross <u>www.redcross.org</u>
 - American Heart Association

https://eccguidelines.heart.org

or

http://eccguidelines.heart.org/wp-content/uploads/2015/10/2015-AHA-Guidelines-Highlights-English.pdf

- Cot, stretcher, mat (disposable covers and pillow case, wipeable surface)
- Wash cloths, hand towels, portable basin
- Covered waste receptacle with disposable liner/bag
- Bandage scissors, tweezers
- Non-mercury thermometer
- Sink with running water and soap
- Flashlight, extra batteries and bulb
- Expendable supplies:
 - Sterile cotton-tipped applicators (individually wrapped)
 - Sterile adhesive bandages (individually wrapped)
 - Cotton balls
 - Sterile gauze squares (various sizes)
 - Adhesive tape
 - o Cold packs (various ways to make these or buy pre-made)
 - Tongue depressors
 - o 70% Isopropyl alcohol (rubbing alcohol); rubbing alcohol pads
 - o Tissues
 - Paper towels
 - Disposable gloves (latex free)
 - Pocket mask/face shield for CPR
 - Cleaning agent, disinfectant for surfaces, etc.(Bleach solution of 1 unit bleach to 9 units water, must be mixed every 24 hours)
 - Triangular bandage (for sling)
 - Safety pins



Planning for Students With Special Needs

The number of students with special health care needs in the educational setting is increasing due to advances in medicine and increased access to public education as authorized by federal and state laws. Any student whose health needs may affect his or her daily functioning should have an **individual care plan**. Some chronic conditions have a potential for developing into an emergency and require the development of an **emergency care plan**.

Medical Conditions:

Some students may have special conditions that put them at risk for life-threatening emergencies; for example, students with:

- Diabetes
- Asthma
- Severe Allergies
- Seizure Disorders

Your school nurse or other school health professional, along with the student's parent/legal guardian and personal health care provider, should work together to develop individual and emergency care plans for these students. Emergency care plans should be made available at all times including when a student is at lunch, during physical education, at a before or after school program, on the bus, etc.

Physical Abilities:

Other students in your school may have special emergency needs due to their physical abilities; for example:

- Students in wheelchairs
- Students who have difficulty walking up or down stairs
- Students who are temporarily on crutches

These students will need special arrangements in the event of a school-wide emergency (e.g., fire, tornado, evacuation, etc.). A plan should be developed and a responsible person should be designated to assist these students to safety.

An emergency care plan should be developed for students with life-threatening allergies. District policy should be followed for the sharing of student information.

Symptoms of a <u>mild</u> allergic reaction include: *Red, watery eyes *Itchy, sneezing, runny nose *Hives or rash on one part of the body

Adults supervising student during normal activities should be aware of the student's exposure and should watch for any delayed reaction for up to two hours.

If student is so uncomfortable that he/she is unable to participate in school activities, contact responsible school authority and parent/guardian

Allergic Reaction

Students may experience a delayed allergic reaction up to two hours following exposure to an allergen.

Symptoms of a <u>severe</u> allergic reaction include:

- *Hives *Paleness *Seizures *Confusion
- *Weakness *Loss of consciousness *Flushed face
- *Blueness around mouth/eyes
- *Difficulty Breathing *Drooling or difficulty swallowing *Dizziness
- *Swelling of tongue and/or face

No

Does the student have symptoms of a severe allergic reaction?

Yes

If available, refer to student's emergency care plan.

Administer approved medication as directed.

CALL EMS (911)

Contact responsible

school authority and

parent/guardian

ND Century Code Chapter 15.1-19, Students and Safety, allows students the right to carry and self-administer asthma & anaphylaxis (severe allergy) medications. Go to

www.ndhealth.gov/asthma for law requirements.



If student has stopped breathing, administer CPR

12

Asthma/Difficulty Breathing

An emergency care plan should A student with asthma may have breathing difficulties, which be developed for students with include: *Wheezing (high-pitched sound during breathing out) asthma. District policy should be *Rapid breathing followed for the sharing of *Increased use of stomach or chest muscles during breathing student information. *Tightness in chest *Excessive coughing *Difficulty finishing sentences/talking *Flaring nostrils ND Century Code Chapter 15.1-19, Students and Safety, allows students the right to carry and self-administer asthma Yes *Did breathing difficulty begin rapidly? medications. Go to **CALL EMS (911)** *Are the lips, tongue or nail beds turning blue? www.ndhealth.gov/asthma for law requirements. No Does student have health care Refer to student's emergency provider or parent/guardian care plan. approved medication? Yes Contact No Has an inhaler already been responsible used? If so, when and how school Remain calm. Encourage student to Yes often? authority and sit quietly, breathe slowly and deeply parent/legal No in through the nose and out through guardian. Administer approved the mouth. medication as directed. Yes Are symptoms getting worse **CALL EMS (911)** or not improving? 13

No

Behavioral Emergencies

Students with a history of behavioral problems or other special needs should be known to appropriate school staff. An emergency care plan should be developed and in place. Behavioral or psychological emergencies may take many forms (depression, anxiety, panic attach, phobias, destructive or assaultive behavior, suicidal talk or thoughts, etc)

Intervene only if the situation is safe for you.

Refer to your school's policy for addressing behavioral emergencies.

Does student have visible injuries?

No

Yes

See appropriate guideline to provide first aid.

Call EMS (911) if any injuries

require immediate care.

Call the Police or 911

Yes



*Does student's behavior present an immediate risk of physical harm to persons or property?

*Is student armed with a weapon?

No

The cause of unusual behavior may be psychological, emotional or physical (fever, diabetic emergency, poisoning/overdose, alcohol/drug abuse, head injury, etc). The student should be seen by a health care provider to determine the cause.

Suicidal and violent behavior should be taken seriously.

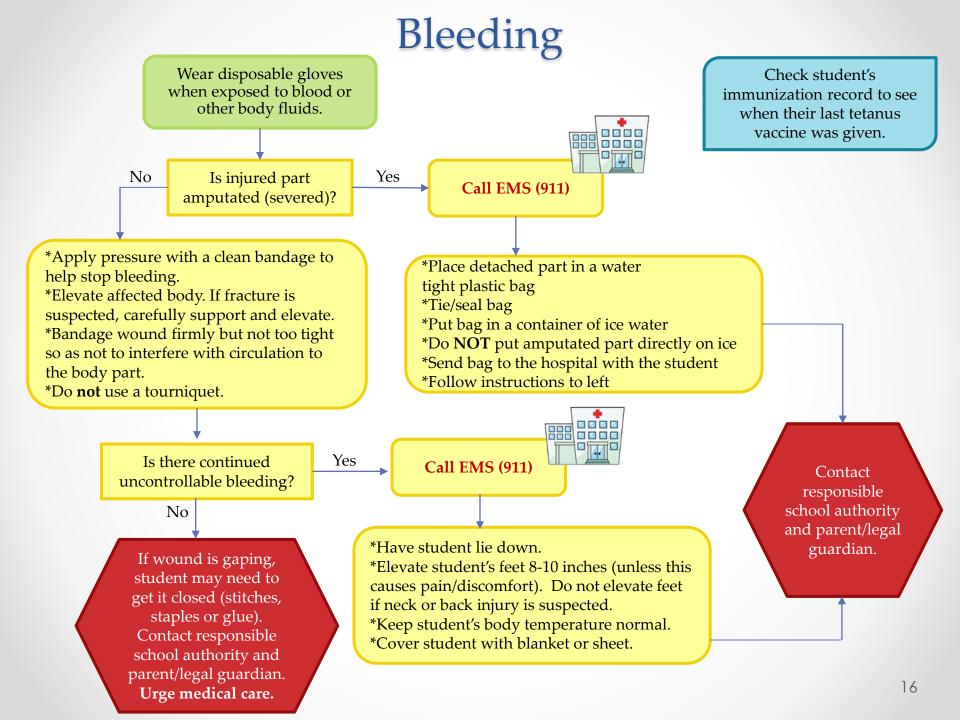
If the student has threatened to harm him/herself or others, contact the responsible school authority immediately.

Contact responsible school authority and parent/legal guardian.

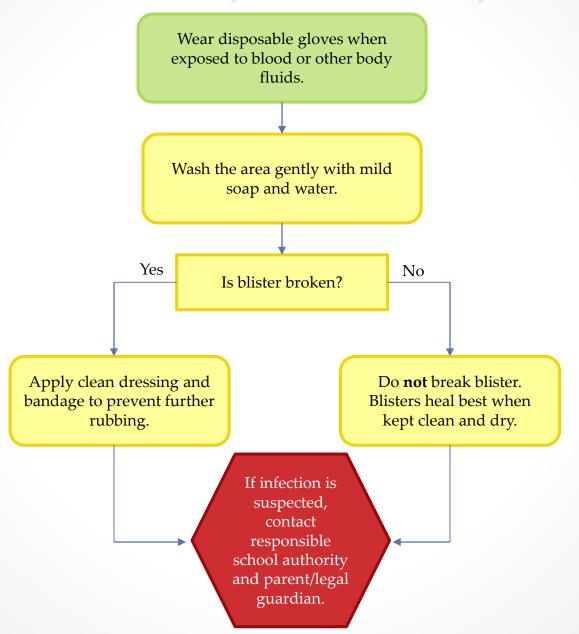
Bites (Human and Animal) Wear disposable gloves Wash the bite area when exposed to blood or with soap and water other bodily fluids Hold area where bite Hold pressure to wound Yes Is the student No occurred under running with a clean dressing. See bleeding? water for 2-3 minutes "Bleeding". Check student's immunization record for tetanus. See "Tetanus Immunization". Bites from the following animals can carry rabies If skin is broken, contact and may need medical Is bite from an animal responsible school authority Human attention: or human? and parent/legal guardian. *Opossum *Bat *Dog Recommend immediate Animal *Skunk *Cat *Fox medical care. *Coyote *Raccoon *Is bite large or gaping? *Is bleeding uncontrollable? Parents/legal No Yes guardians of both the **Call EMS (911)** student who was Contact responsible bitten and the student school authority and who was biting should parent/legal be notified about their guardian and report student's exposure to bite to public health blood from another so the animal can be student. watched and

possibly tested for

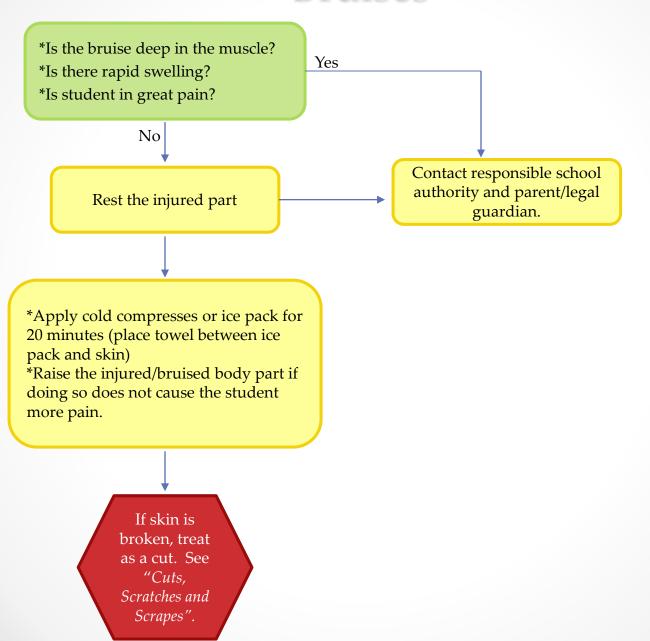
rabies.

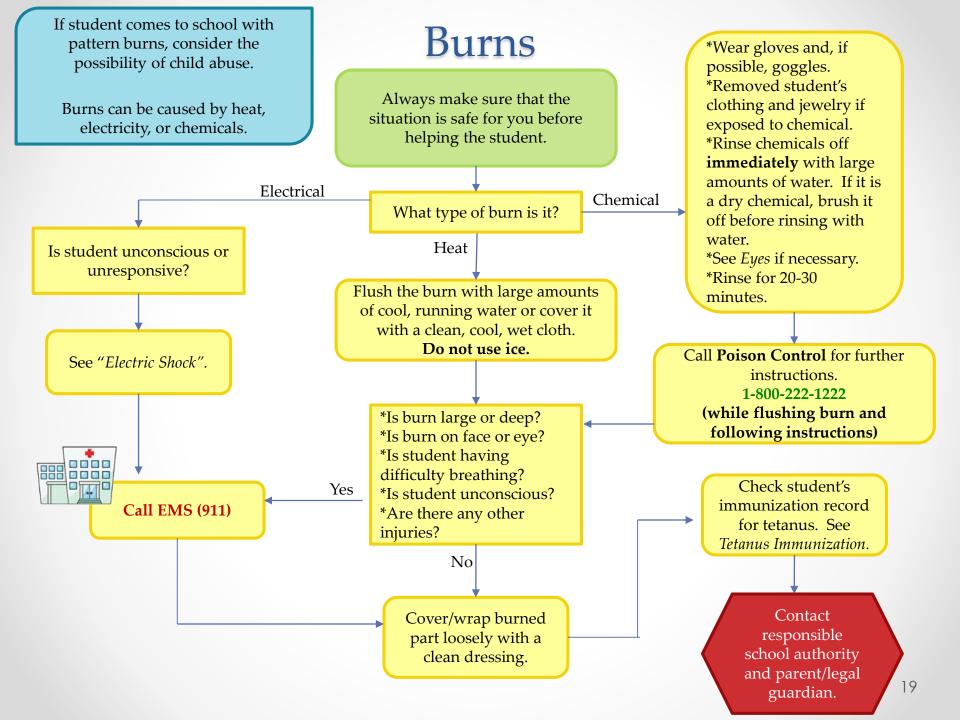


Blisters (from friction)



Bruises





CPR (Cardiopulmonary Resuscitation)

Please refer to American Heart Association's 2015 Algorithms, provided in "Forms" section.

Print and display as desired.

Child Abuse and Neglect

Child abuse is a complicated issue with many potential signs. According to North Dakota Century Code 50-25.1, anyone who cares for children are mandated reporters of child abuse. For more information, please visit

https://www.nd.gov/dhs/services/childfamily/cps/

If a student reveals abuse to you:

- *Remain calm.
- *Take the student seriously.
- *Reassure the student that he/she did the right thing by telling you.
- *Let the student know that you are required to report the abuse to Social Services.
- *Do not make promises that you cannot keep.
- *Respect the sensitive nature of the student's situation.
- *If you know, tell the student what steps to expect next.
- *Follow required school reporting procedures.

Contact responsible school authority. Contact Social Services. Follow up with school report If student has visible injuries, refer to the appropriate guideline to provide first aid.

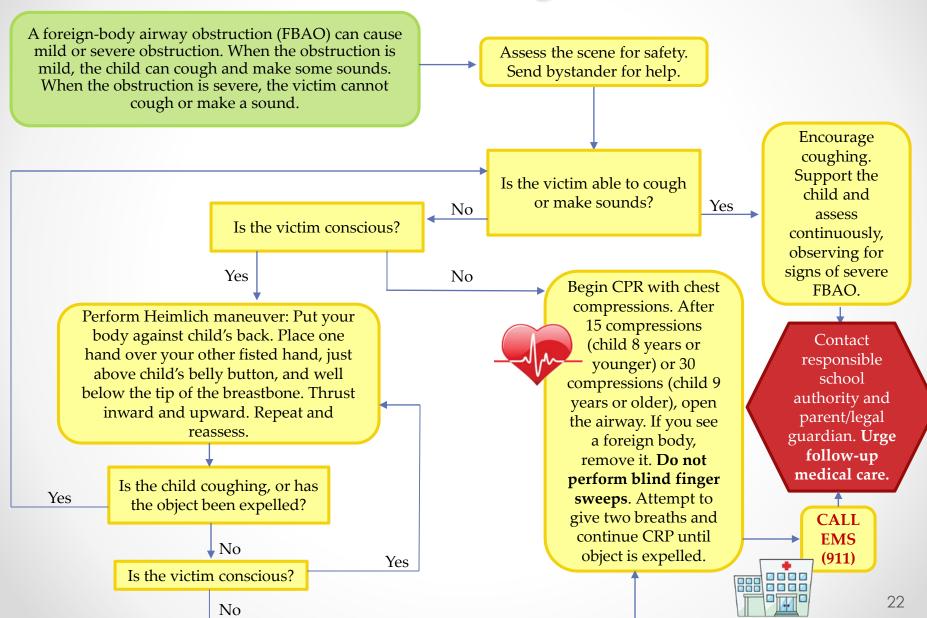
All school staff are required to report suspected child abuse and neglect to the County Social Service Agency. Refer to your school's policy for additional guidance.

County Social Services Agency phone number

Abuse may be physical, sexual or emotional in nature. Some signs of abuse are as follows (this in **not** a complete guide):

- *Depression, hostility, low self-esteem, poor self-image.
- *Evidence of repeated injuries or unusual injuries.
- *Lack of explanation or unlikely explanation for an injury.
- *Pattern bruises or marks.
- *Unusual knowledge of sex, inappropriate touching or engaging in sexual play with other children.
- *Severe injury or illness without medical care.
- *Poor hygiene, under-fed appearance.

Choking



Communicable Disease

For more information on protecting yourself from communicable diseases, see "Infection Control".

Chicken pox, strep throat, the common cold, gastroenteritis (stomach bug), and influenza (flu) are just a few of the common communicable diseases that affect children. There are many more. In general, there will be little you can do for a student in school who has a communicable disease.

A communicable disease is a disease that can be spread from one person to another. Germs (bacteria, viruses, fungus, and parasites) cause communicable diseases.

Refer to the following for more guidance regarding communicable disease:

http://www.ndhealth.gov/disease/
http://www.ndhealth.gov/Immunize/default.htm

Child Care/School Infection Control Manual:

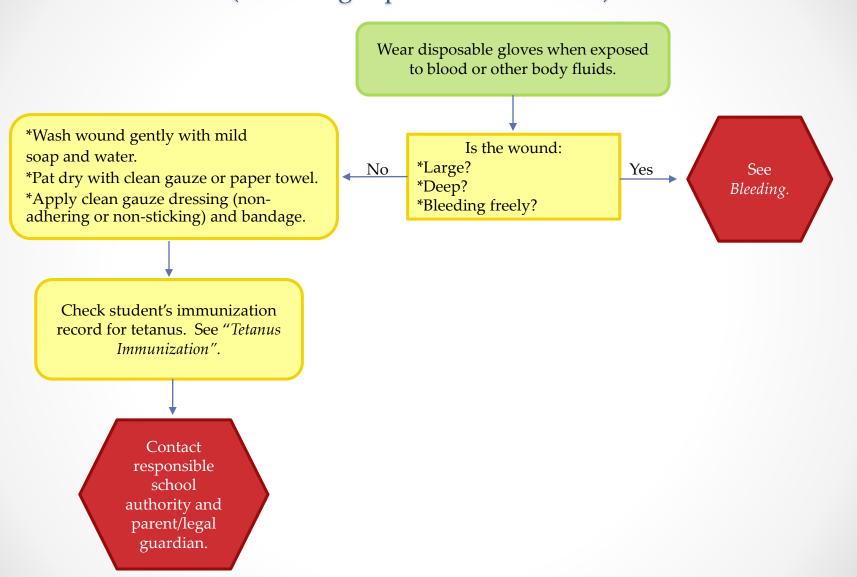
 $\underline{http://www.ndhealth.gov/disease/Documents/Publications/DayCareManual.pdf}$

Managing Infectious Diseases in Child Care and Schools book (can purchase) by the American Academy of Pediatrics

The goal is to keep kids in school and ready to learn. Not all complaints from a student warrant a trip home or to the doctor's office. Each situation should be assessed.

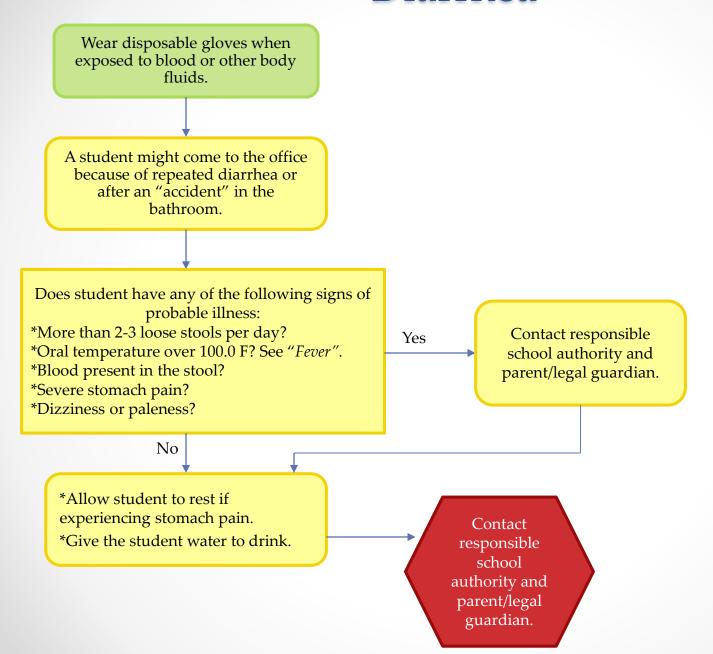
If student is found to be too sick to be in school or for further information, contact parent/legal guardian.

Cuts (minor), Scratches and Scrapes (including rope and floor burns)



Diabetes A student with Symptoms that diabetic diabetes should be students may display No diabetic student is the same or displays the same known to appropriate include: signs or symptoms. That is why it is **crucial** that each school staff. An *Irritability and diabetic student has his/her own emergency care plan emergency care plan feeling upset. developed. Follow the student's individual should be developed. emergency care plan first and foremost. *Change in personality. Staff in a position to *Sweating and administer any feeling shaky. approved medications The following guidelines are general guidelines if an *Loss of consciousness. should receive emergency care plan is not available. training. *Confusion or strange behavior. *Rapid, deep breathing. Does the student have a Allow student to check Yes blood sugar monitor blood sugar. available? No No Is the student: *Unconscious? *Having a seizure? Is blood sugar less than 60 or "low" Give student sugar/glucose such as *Unable to speak? according to emergency care plan? fruit juice (6-8 oz.), sugared soda (6-8 Low *Having rapid, deep breathing? oz.), hard candy (6-7), glucose tablets, Is blood sugar "high" according to sugar packets (2), cake frosting, etc. Yes emergency care plan? **CALL EMS (911)** High & contact parent/legal Continue to watch the student in guardian a quiet place, the student should Contact begin to improve. Recheck If available, administer responsible blood sugar in 10 minutes. fast-acting sugar/glucose, school such as cake frosting, authority and inside cheek. Do not give parent/legal No Yes anything student could guardian. Is student improving? choke on.

Diarrhea



Ears



Earache

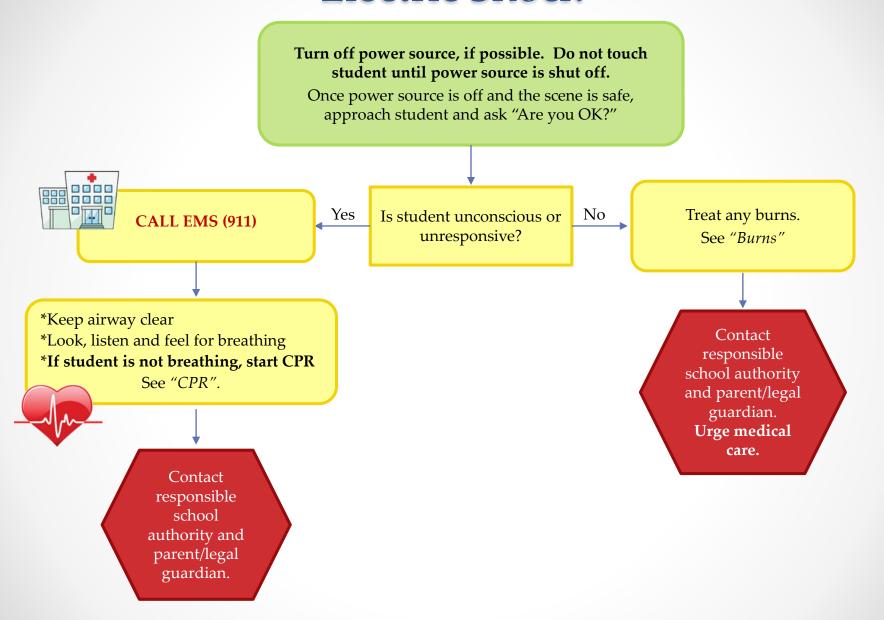
A warm water bottle or compress (not hot) against the ear will give comfort while waiting for parent/legal guardian. Contact responsible school authority and parent/legal guardian. Urge medical care.

Object in Ear Canal

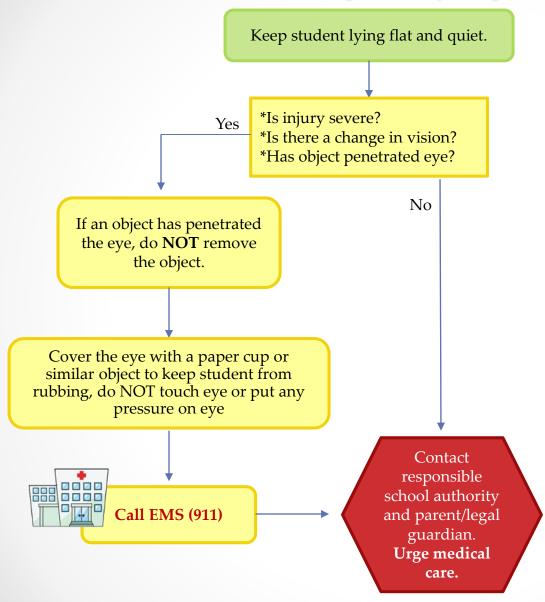
Do **NOT** attempt to remove object. This could cause further damage to the inner ear. You can gently tilt head toward the affected side to see if object falls out on its own.

Contact
responsible
school
authority and
parent/legal
guardian. Urge
medical care.

Electric Shock



Eye Injury



With any eye problem, ask the student if he/she wears contact lenses. Have student remove lenses before giving any first aid to the eye.

Eyes (particle in eye)

Keep student from rubbing eye.

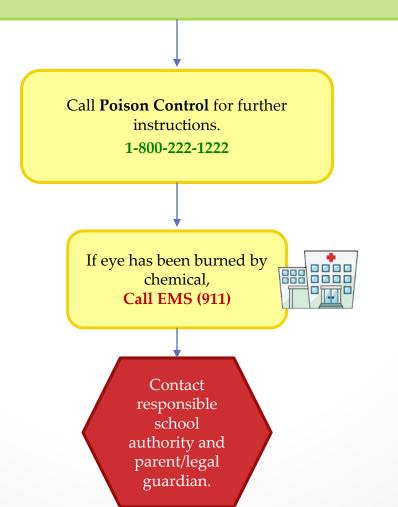
*If necessary, lay student down and tip head toward affected side.

*Gently pour lukewarm tap water over the open eye to flush out the particle.

> If particle does not flush out of eye or if eye pain continues, contact responsible school authority and parent/legal guardian. Urge Medical Care.

Eyes (Chemical in Eye)

- *Wear gloves and, if possible, goggles (eye protection).
- *Immediately rinse the eye with large amounts of clean water for 20-30 minutes. Use an eyewash station if available.
- *Tip the head so the affected eye is below the unaffected eye and water washes from eye to side of face.



Many things can cause fainting:

- *Injuries
- *Illness
- *Blood loss/shock
- *Heat exhaustion
- *Diabetic reaction
- *Severe allergic reaction
- *Standing still too long
- *Sudden movement (standing up quickly)

If you know the cause of the fainting, see the appropriate guideline.

Fainting

If you observe any of the following signs of fainting,

have the student lie down to prevent injury from falling:

- *Extreme weakness or fatigue.
- *Dizziness or light-headedness.
- *Extreme sleepiness.
- *Pale, sweaty skin.
- *Nausea.

does not regain consciousness immediately, see "Unconsciousness".

Yes or unsure

*Is fainting due to injury?

*Was student injured

*Was student injured when he/she fainted?

Most students who faint will recover

quickly when lying down. If student

No

- *Keep student in flat position.
- *Elevate feet.
- *Loosen clothing around neck and waist.

Treat as possible neck injury. See "Neck and Back Injuries".

Do not move the student.

*Keep airway clear and monitor breathing.

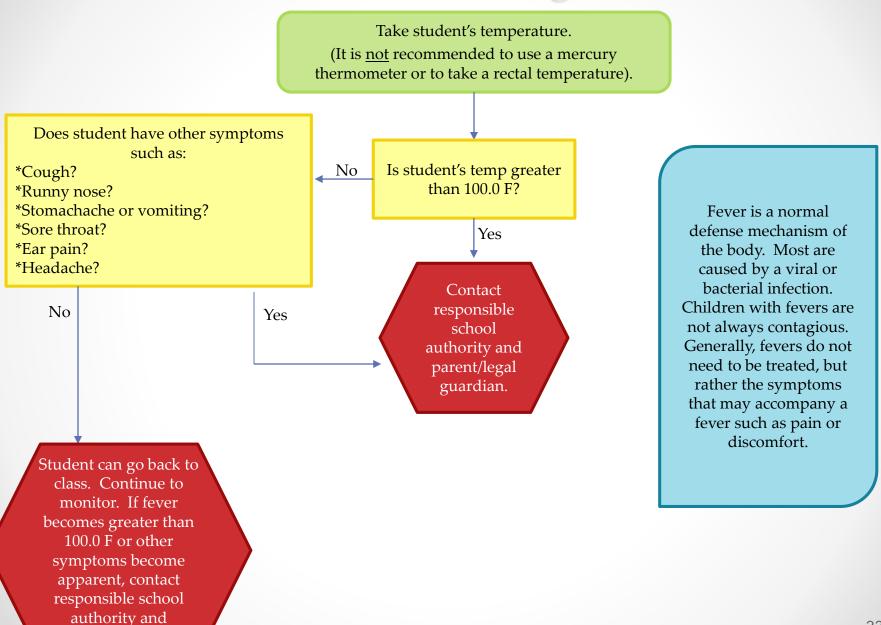
- *Keep student warm, but not hot.
- *Control bleeding if needed.
- *Give nothing by mouth.
- *If student is not breathing normally or not responding, see "CPR".

Contact responsible school authority and parent/legal guardian.

If student feels better and there is no danger of neck injury, he/she may be moved to a quiet, private area.

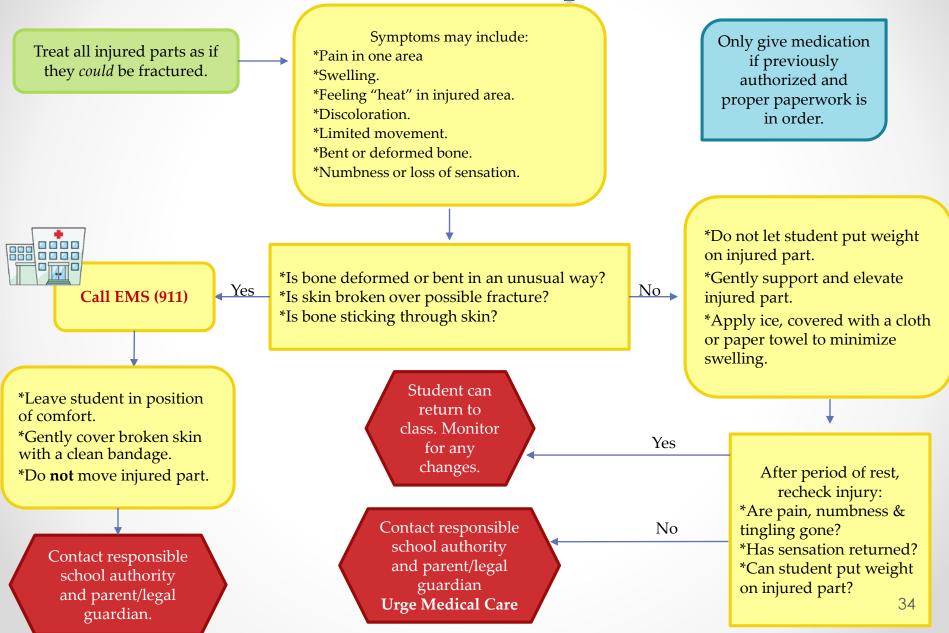
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Fever; Not Feeling Well



parent/legal guardian.

Fractures, Dislocations, Sprains & Strains



Frostbite can result in the same type of tissue damage as a burn. It is a serious condition and requires medical attention.

Exposure to extreme cold environments, even for a short period of time, can result in hypothermia and frostbite; particularly on fingers, toes, nose and ears.

Frostbite

Frostbitten skin may:

- *Look discolored.
- *Feel cold to the touch.
- *Feel numb to the student.

Deeply frostbitten skin may:

- *Look white or waxy.
- *Feel firm or hard (frozen).

*Take student to a warm place.

- *Remove cold or wet clothing and give student warm, dry clothes.
- *Protect cold part from further injury.
- *Do <u>not</u> rub or massage the cold part or apply heat such as a water bottle, heating pad or hot running water.
- *Cover part loosely with nonstick, sterile dressings or dry blanket.

Does extremity/part:

- *Look discolored-grayish, white or waxy?
- *Feel firm/hard (frozen)?
- *Have a loss of sensation?

Keep student and affected part warm.

No

Contact responsible school authority and parent/legal guardian.
Urge Medical Care.

Contact responsible school authority and parent/legal guardian.

Call EMS (911)

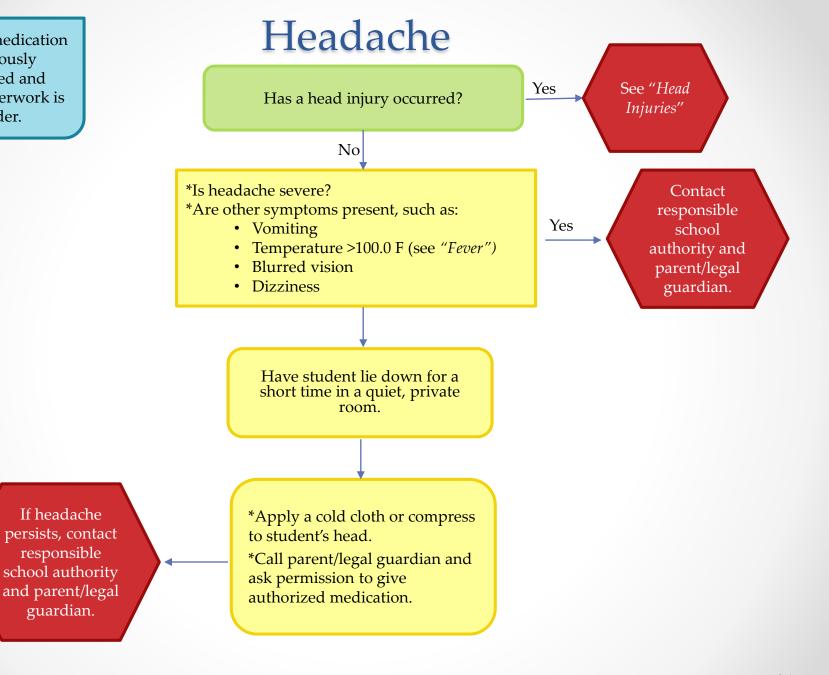
Yes

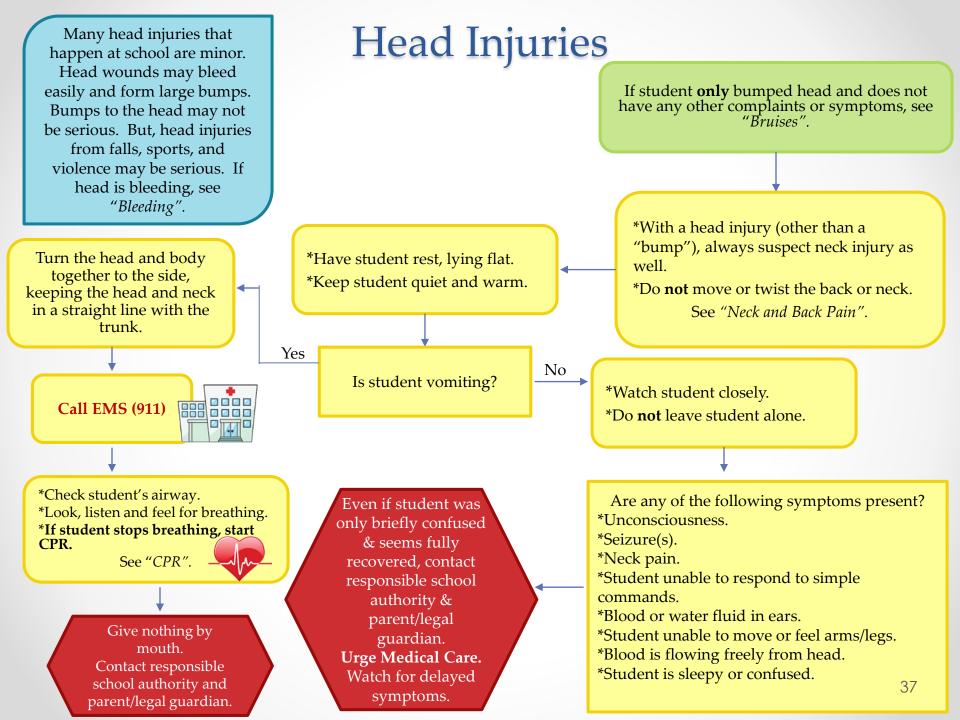
Only give medication if previously authorized and proper paperwork is in order.

If headache

responsible

guardian.





Heat Stroke/Heat Exhaustion

Strenuous activity in the heat may cause heatrelated illness. Symptoms may include:

- *Red, hot, dry skin.
- *Weakness and fatigue.
- *Cool, clammy hands.
- *Vomiting.

No

*Loss of consciousness.

Heat emergencies are caused by spending too much time in the heat. Heat emergencies can be lifethreatening situations and should be taken seriously.

*Remove student from the heat to a cooler place.

*Have student lie down.

*Does student have hot, dry, red

skin?

*Is student vomiting?

*Is student confused?

No

Give clear fluids such as water, 7-Up or Gatorade frequently in small amounts if student is fully awake and alert.

> Contact responsible school authority and parent/legal guardian.

Is student unconscious or

Yes

losing consciousness?

Yes

Call EMS (911) Contact responsible school authority and parent/legal guardian.

*Ouickly remove student from heat to a cooler place.

*Put student on his/her side to protect airway.

*Look, listen and feel for breath

*If student stops breathing, start CPR. See "CPR".

*Cool rapidly by completely wetting clothing with room temperature water.

*Do **not** use ice water or anything other than water.

Hypothermia happens after exposure to cold when the body is no longer capable of warming itself.

Young children are particularly susceptible to hypothermia. It can be a life-threatening condition if left untreated.

Hypothermia

Hypothermia can occur after a student has been outside in the color or in cold water.

Symptoms include:

- *Confusion *Shivering
- *Weakness *Sleepiness
- *Blurry vision *Slurred speech
- *Impaired judgement

No

*White or grayish skin color

*Take student to a warm place.

*Remove cold or wet clothing and wrap student in a warm, dry blanket.

Continue to warm student with blankets. If student is fully awake and alert, offer warm (not hot) fluids, but no food. Does student have:

*Loss of consciousness?
*Slowed breathing?

*Confused or slurred speech?

*White, grayish or blue skin?

Yes Call EMS (911)



Contact responsible school authority and parent/legal guardian.

*Give nothing by mouth.

*Continue to warm with blankets.

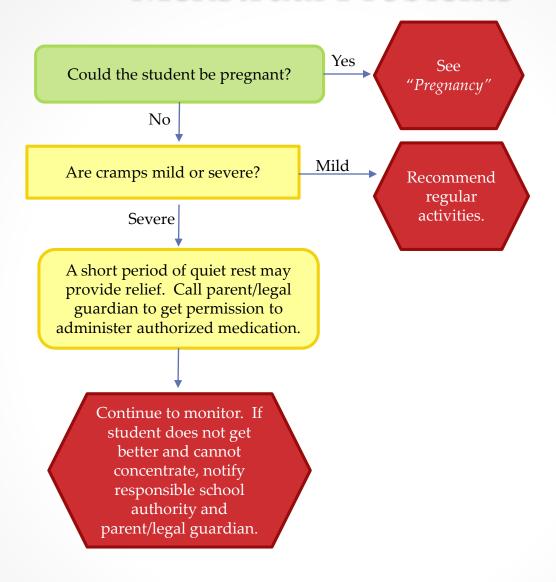
*If student is sleepy or losing consciousness, place on his/her side to protect airway.

*Look, listen and feel for breathing.

*If student stops breathing, start CPR
See "CPR".

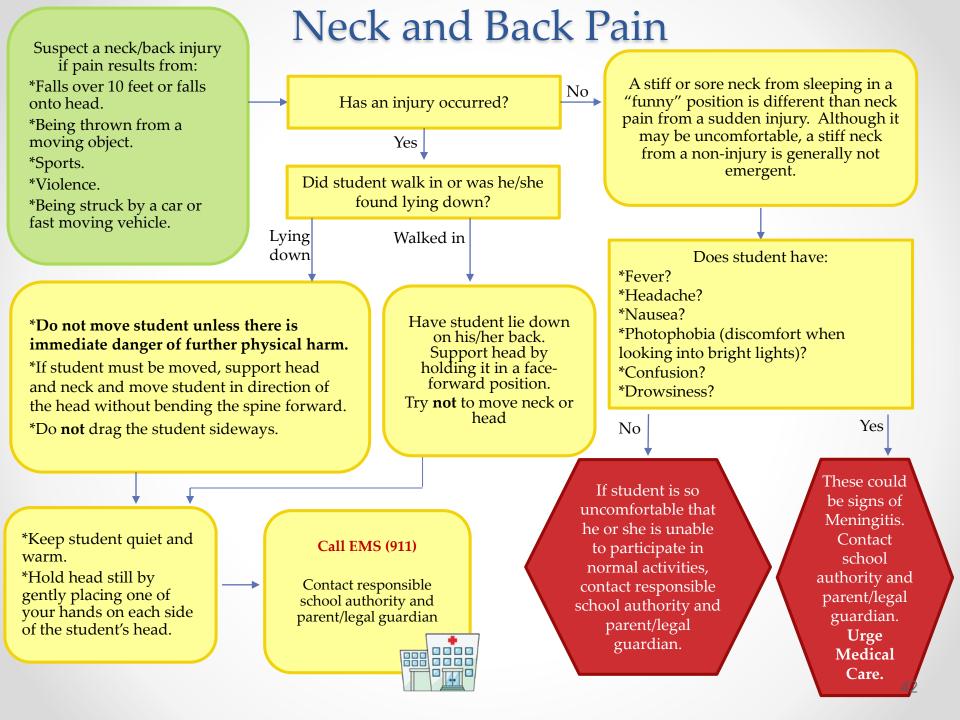


Menstrual Problems



Only give medication if previously authorized and proper paperwork is in order.

Mouth and Jaw Injuries Check student's immunization record for tetanus. See Wear disposable gloves when exposed "Tetanus Immunization". to blood or other body fluids. See "Head Do you suspect a head injury other Yes than mouth or jaw? Injuries". No Yes See "Teeth". Have teeth been injured? No Do **not** try to move jaw. Yes Has jaw been injured? Gently support jaw with hand. No If tongue, lips or cheeks are Contact Place a cold compress over the bleeding, apply direct pressure responsible school area to minimize swelling. with sterile gauze or clean cloth. authority and parent/legal guardian. Urge Medical Contact *Is cut large or deep? Care. No responsible school *Is there bleeding that can't be authority and stopped? parent/legal guardian. Yes **Urge Medical** See "Bleeding". Care.



Nose (Bloody or Broken)

Nose Bleed

Wear disposable gloves when exposed to blood or other body fluids.

Place student sitting comfortably with head slightly forward or lying on side with head raised on pillow. See "Head Injuries" if you suspect a head injury other than a nose-bleed or broken nose.

Encourage mouth breathing and discourage nose blowing, repeated wiping, or rubbing.

If blood is flowing feely from the nose, provide constant uninterrupted pressure by pressing the nostrils firmly together for about 15 minutes.

If blood is still flowing freely after applying pressure, contact responsible school authority and parent/legal guardian.

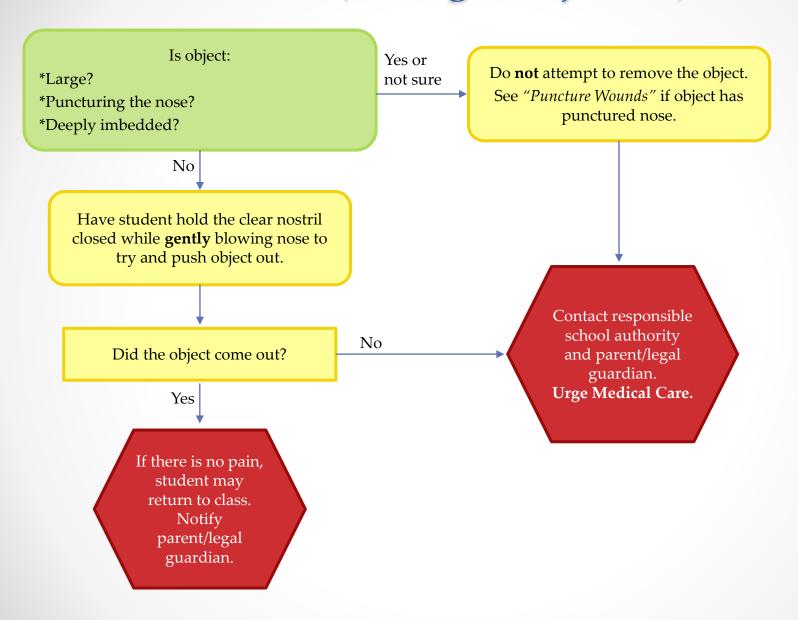
Broken Nose

*Care for nose as in "Nose Bleed".

*Contact responsible school authority and parent/legal guardian.

*Urge Medical Care.

Nose (Foreign Object In)



Poisoning and Overdose

Poisons can be swallowed, inhaled, absorbed through the skin or eyes, or injected. Call Poison Control when you suspect poisoning from:

- *Medication *Insect bites/stings
- *Snake bites *Plants
- *Chemicals/Cleaners
- *Drugs/Alcohol *Food
- *Inhalants *Unsure

Do **not** induce vomiting or give anything unless instructed by Poison Control.

*If student becomes unconscious, place on his/her side. Check airway. Look, listen and feel for breathing.



*If student stops breathing, start CPR. See "CPR".

Call EMS (911)



Contact responsible school authority and parent/legal guardian

If possible, send sample of vomited material and ingested material with it's container to hospital with student.

Possible warning signs of poisoning include:

- *Pills, berries or unknown substance in student's mouth.
- *Burns around mouth or on skin.
- *Strange odor on breath.
- *Sweating.
- *Upset stomach or vomiting.
- *Dizziness or fainting.
- *Seizures or convulsions.

*Wear disposable gloves.

*Check student's mouth.

*Remove any remaining substance(s) from mouth.

If possible, find out:

- *Age and weight of student.
- *What the student swallowed.
- *What type of "poison" it was.
- *How much and when it was taken.

Call Poison Control.

1.800.222.1222

Follow their directions.

Pregnancy

Morning Sickness:

Treat as vomiting. See "Vomiting". If severe, contact responsible school authority and parent/legal guardian.

Pregnant students should be known to appropriate school staff. Any student who is old enough to be pregnant, might be pregnant.

Pregnancy may be complicated by any of these listed conditions:

Vaginal Bleeding:

Contact responsible school authority and parent/legal guardian. **Urge medical care.** If student experiences spotting or vaginal bleeding **along with** cramping and abdominal pain (particularly on one side), it could be an ectopic pregnancy or other serious complication.

Call EMS (911)



Seizure

This may be a serious complication of pregnancy.

Call EMS (911)

Amniotic Fluid Leakage:

This is **not** normal and may indicate the beginning of labor.
Contact responsible school authority and parent/legal guardian.

Urge medical care.

Cramping:

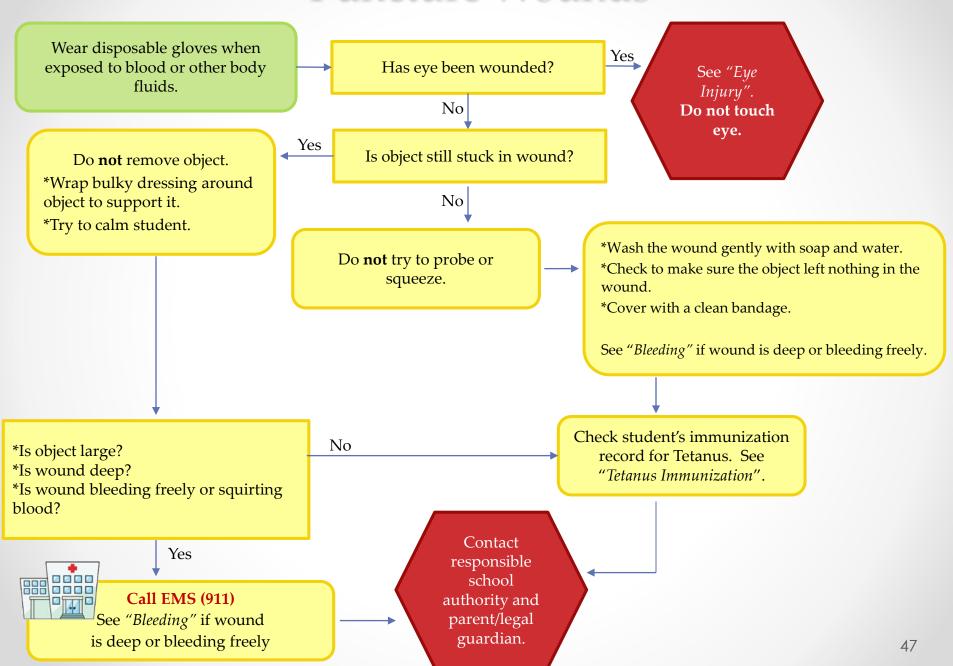
During the first three months of pregnancy, if student has cramping or abdominal pain (particularly on one side), spotting or bleeding, this may be an ectopic pregnancy.

Call EMS (911)

If cramps are mild to severe

during the remainder of the pregnancy, this may be the beginning of labor. **Urge medical care.** Contact responsible school authority and parent/legal guardian.

Puncture Wounds



Rashes may have many causes including heat, infection, illness, reaction to medications, allergic reactions, insect bites,

Visit

dry skin or skin irritations.

http://media.chop.edu/data/files/pdfs/rash-poster.pdf

for additional information on some common skin rashes.

Rashes

Yes

Some rashes may be contagious. Wear disposable gloves to protect yourself when in contact with any rash.

Rashes include things such as:

- *Hives.
- *Red spots (large/small, flat/raised).
- *Purple spots.
- *Small blisters.

Call EMS (911)
Contact responsible school authority and parent/legal guardian.

See "Allergic Reaction" and "Communicable Disease" for more information.

Other symptoms may indicate whether the student needs medical care. Does the student have?

- *Loss of consciousness?
- *Difficulty breathing or swallowing?
- *Purple spots?

If any of the following symptoms are present, contact responsible school authority and parent/legal guardian and **urge medical care**.

No

- *Oral temperature >100.0 F (See "Fever").
- *Headache *Diarrhea *Sore throat *Vomiting
- *Rash is bright red and sore to the touch.
- *Student is so uncomfortable that he/she is unable to participate in regular school activities.

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Seizures

Seizures may be any of the following:

- *Episodes of staring with loss of eye contact.
- *Staring involving twitching of the arm and leg muscles.
- *Generalized jerking movements of the arms and legs.
- *Unusual behavior for that person.

Refer to student's emergency care plan. Note time so that you can track how long the seizure is happening.

*If student seems off balance, place him/her on the floor (on a soft surface) for observation and safety. Do <u>not</u> use a pillow.

- *Keep airway clear by placing student on his/her side.
- *Do <u>not</u> restrain movements.
- *Move surrounding objects to avoid injury.
- *Do <u>not</u> place anything in the student's teeth or mouth.

Seizures are often followed by sleep. The student may also be confused. This may last from 15-60 minutes or longer. After the sleeping period, the student should be encouraged to participate in all normal class activities.

A student with a history of seizures should be known to appropriate school staff. An emergency care plan should be developed and in place for students with epilepsy. This care plan should include a description of onset, type, duration, and after effects of the student's seizures.

Observe details of the seizure to relay to parent/legal guardian and health care provider.

- *Duration (how long seizure lasts).
- *Kind/type of movement or behavior.
- *Body parts involved.
- *Loss of consciousness.

*Is student having a seizure lasting longer than 5 minutes?

*Is student having multiple seizures one after another?

*Is this the student's first ever seizure?

*Is student having any breathing difficulties? If student stops breathing, start CPR.

See "CPR".

Yes

Call EMS (911)

No

Contact responsible school authority and parent/legal guardian.

Shock

If injury is suspected, see "Neck and Back Pain" and treat as a possible neck injury.

Do not move student unless he/she is in danger.

- *Any serious injury or illness may lead to shock, which is the lack of blood and oxygen to the body tissues.
- *Shock is life-threatening.
- *Stay calm and get immediate assistance.
- *Check for medical alert bracelet or student's emergency care plan if available.

See the appropriate guideline to treat the most severe symptoms first.

Not breathing: see "CPR".

Unconscious: see "Unconsciousness".

Bleeding profusely: see "Bleeding".

Signs of shock include:

- *Pale, cool, moist skin.
- *Mottled, ashen, blue skin.
- *Altered consciousness or confusion.
- *Nausea, dizziness, or thirst.
- *Severe coughing, high pitched whistling sound.
- *Blueness in the face.
- *Fever >100.0 F in combination with lethargy, loss of consciousness, extreme sleepiness, abnormal activity.
- *Unresponsiveness.
- *Difficulty breathing or swallowing.
- *Rapid breathing.
- *Rapid, weak pulse.
- *Restlessness/irritability.

Call EMS (911)

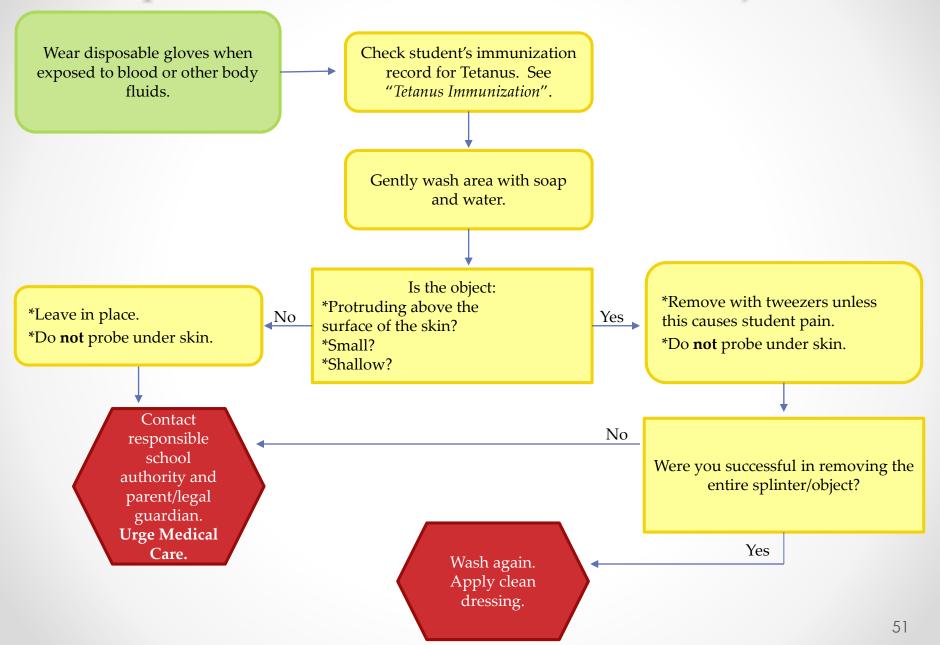
Contact responsible school authority and parent/legal guardian.



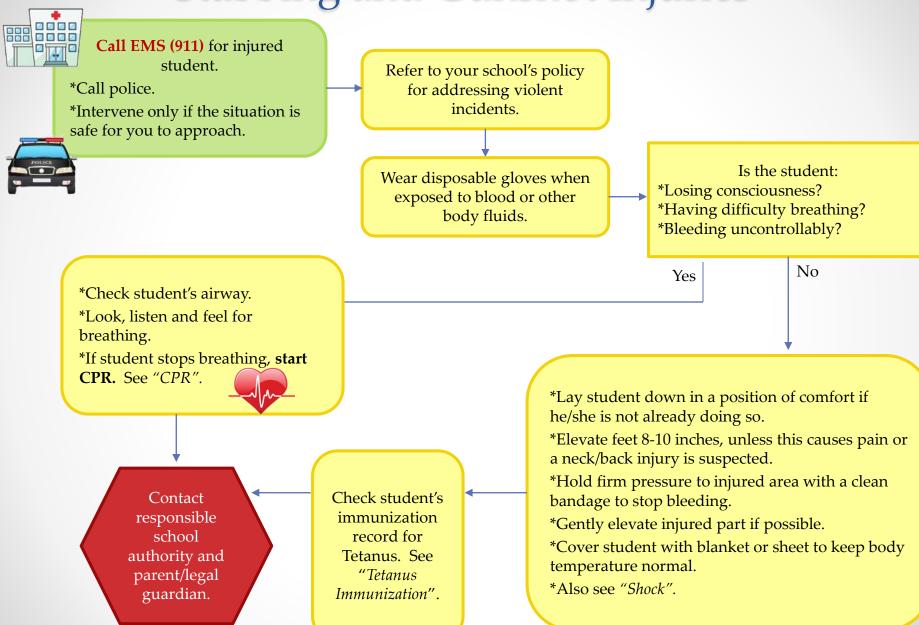
While waiting for ambulance:

- *Keep student in position of comfort.
- *Elevate feet 8-10 inches if no neck/back injury suspected.
- *Loosen clothing around neck and waist.
- *Cover with blanket or sheet.
- *Give nothing by mouth.
- *If vomiting occurs, roll student onto left side.

Splinters or Other Embedded Objects



Stabbing and Gunshot Injuries



Does student have:

- *Difficulty breathing?
- *A rapidly expanding area of swelling, especially of the lip, mouth, or tongue?
- *A history of allergy to stings?

Yes

Refer to student's emergency care plan.

Also see "Allergic Reaction".

A student with a history of allergy to stings should be known to all school staff. An emergency care plan should be developed.

No

A student may have a delayed allergic reaction up to 2 hours after the sting. Adult(s) supervising student during normal activities should be aware of the sting and should watch for any delayed reaction.

*Remove stinger if present. To do this, use a credit card (or something similar) to scrape area. Do NOT SQUEEZE or use a tweezers.

*Wash area with soap and water.

*Apply a cold compress.

Also see "Allergic Reaction".

If available, administer doctor or parent approved medications.

Call EMS (911)



*Check student's airway.

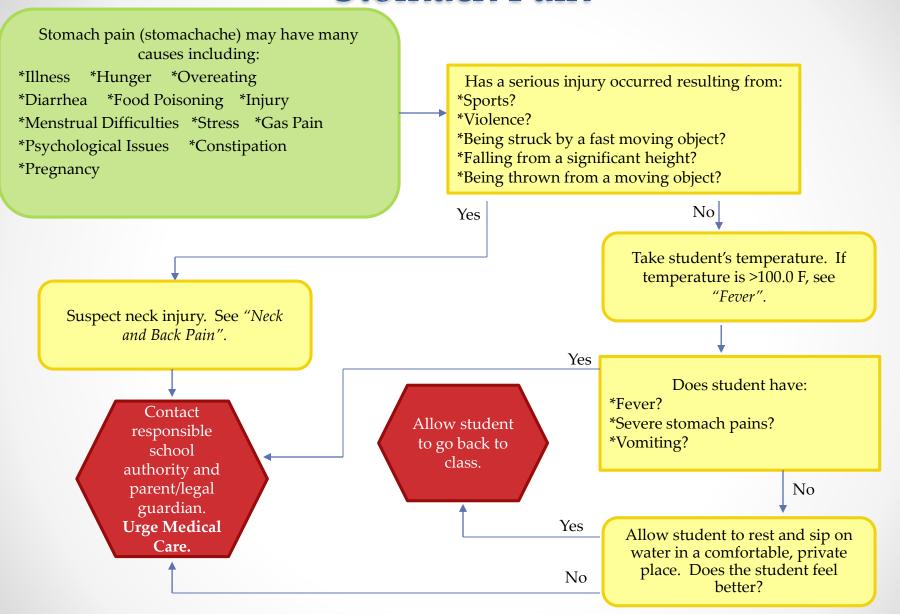
*Look, listen, and feel for breathing.

*If student stops breathing, start

CPR. See "CPR".

Contact responsible school authority and parent/legal guardian.

Stomach Pain



Teeth Injuries

Prior to a dental emergency, it is recommended that you open these documents and print a copy for your emergency binder.

Orthodontic Emergencies:

See this website/document for further instructions:

https://www.atsu.edu/asdoh/programs/orthodontics/pdfs/orthodontic_emergencies.pdf

Broken, Displaced, or Knocked-out Tooth:

See this website/document for further instructions:

http://harrington-ortho.com/pdfs/Dental%20Injury%20Flyer.pdf

Bleeding Gums and Toothache:

Generally no first aid measure in the school will be of any significant value.

Contact
responsible
school
authority and
parent/legal
guardian.
Urge Dental
Care.

For tongue, cheek, lip, jaw, or other mouth injury not involving the teeth, see "Mouth and Jaw Injuries".

Tetanus Immunization

Protection against tetanus should be considered with any wound, even a minor one. After any wound, check the student's immunization record for tetanus and notify parent/legal guardian of immunization status.

A **minor wound** would need a tetanus booster only if it has been more than 10 years since the last tetanus shot, if the immunization history is unknown, or if the student is 5 years old or younger.

Other wounds, such as those contaminated by dirt, feces, saliva, puncture wounds, amputations, crush wounds, burns, and frostbite need a tetanus booster if it has been more than 5 years since the last tetanus shot.

For further information or clarification, the parent/legal guardian should consult their child's primary health care provider.

More information on immunizations can be found at:

http://www.ndhealth.gov/Immunize/default.htm https://www.cdc.gov/vaccines/index.html

Tick Bites

Students have an increased chance of having a tick after being in wooded areas or tall grass/brush. However, ticks can live in other places also. Ticks can carry disease and/or cause infection. Ticks should be removed immediately when discovered on a student's skin.

Wear gloves when exposed to blood and other body fluids.

Wash area where tick is attached to the skin prior to removal.

- *Wash area where tick was removed with soap and water.
- *Wash your hands.
- *Apply a bandage to area if needed.

*Using tweezers, grasp the tick as close to the skin surface as possible.

*Do **not** twist or jerk the tick as the mouth parts may break off. It is important to remove the entire tick.

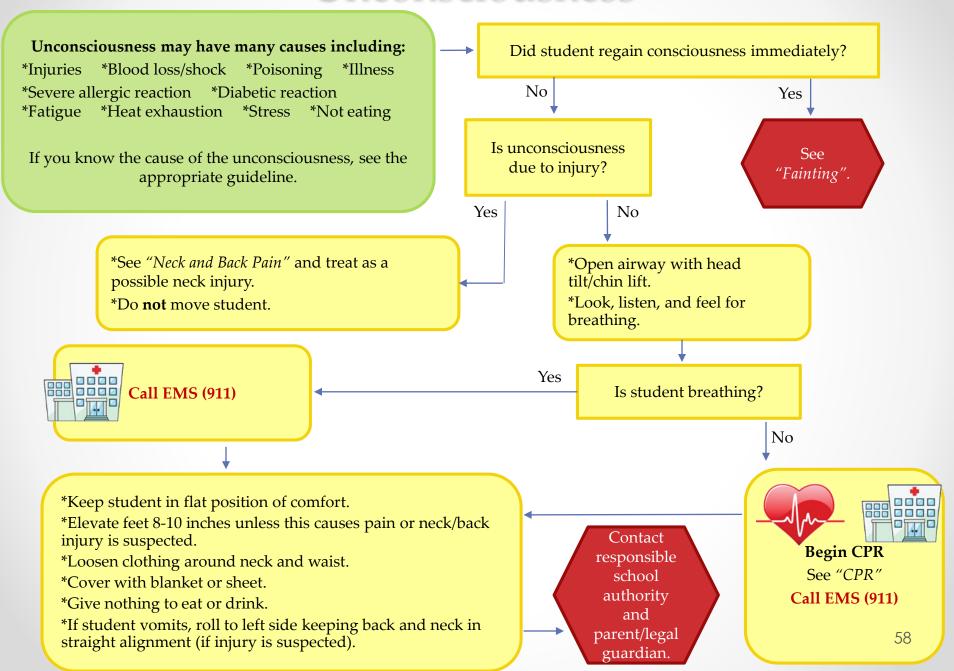
*Try not to squeeze, crush, or puncture the body of tick as you remove it.

Ticks can be disposed of safely by:

- *Submersing in alcohol.
- *Placing in a sealed bag/container.
- *Wrapping tightly with tape.
- *Flushing down the toilet.

Contact responsible school authority and parent/legal guardian.

Unconsciousness



If a number of students or staff become ill with the same symptoms, suspect food poisoning.

Call Poison Control.

1.800.222.1222

Follow their directions.

Notify local health department.

- *Have student lie down on his/her side in a room that affords privacy to rest.
- *Apply a cool, damp cloth to student's face or forehead.
- *Have a bucket or garbage can available.
- *Give no food or medications. You may offer ice chips or small sips of clear fluids such as 7-Up or Gatorade (**not** red), if student is thirsty.

Vomiting

Vomiting may have many causes including:
*Illness *Bulimia *Anxiety *Pregnancy
*Injury/Head Injury *Heat Exhaustion
*Overexertion *Food Poisoning

Wear disposable gloves when exposed to blood and other body fluids.

Take student's temperature. Note oral temperature >100.0 F as fever. See "Fever".

Does student have:

- *Repeated vomiting?
- *Fever?
- *Severe stomach pains?
- *Dizziness?
- *Paleness?

Yes

Contact
responsible
school
authority and
parent/legal
guardian. Urge
Medical Care.

No

Contact responsible school authority and parent/legal guardian.

Forms

Each school district should determine which forms to use. Some of the following links were developed by a school district or local public health unit that delivers school health services. These forms may be adapted to fit your school's needs. In addition, other samples and templates can be found by searching the internet. The provided forms may not be inclusive of your school's needs. If you cannot find a form suitable to your needs, please search for an alternative or contact one of the authors of this manual.

We would like to thank the cited organizations for access to their forms.

Authorization for Administration of Specialized Healthcare Procedures (Fargo Public Schools)

http://tinyurl.com/SpecializedHealthProcedures

Emergency Care Plan for Severe Allergy (Fargo Public Schools)

https://www.west-

fargo.k12.nd.us/district/medicalforms/EmergencyCarePlanSevereAllergy.pdf

Anaphylaxis Action Plan and Authorization for Epi-Pen (Bismarck Public Schools) http://www.bismarck.k12.nd.us/uploads/resources/11944/bps-epi-action-plan-42.pdf

Anaphylaxis Emergency Care Plan (North Dakota Department of Health) https://apps.nd.gov/itd/recmgmt/rm/stFrm/eforms/Doc/sfn00193.pdf

Asthma Action Plan (North Dakota)

https://apps.nd.gov/itd/recmgmt/rm/stFrm/eforms/Doc/sfn59187.pdf

Asthma Action Plan and Authorization for Reliever Medication (Bismarck Public Schools)

http://www.bismarck.k12.nd.us/uploads/resources/1168/bps-asthma-action-plan-42b.pdf

Asthma Emergency Care Plan (Fargo Public Schools)

http://tinyurl.com/EmerPlanAsthma

Asthma Management Plan (American Lung Association)

http://www.lung.org/assets/documents/asthma/AsthmaActionPlan-JUL2008-high-res.pdf

CPR – Pediatric (Under 8 Years) – One Responder (American Heart Association)
https://eccguidelines.heart.org/wp-content/uploads/2015/10/BLS-Pediatric-Cardiac-Arrest-Single-Rescuer-Algorithm.png

CPR – Pediatric (Under 8 Years) – Two or More Responders (American Heart Association)

https://eccguidelines.heart.org/wp-content/uploads/2015/10/BLS-Pediatric-Cardiac-Arrest-2-or-More-Rescuers-Algorithm.png

CPR - Adult (8 and Older) (American Heart Association)

https://eccguidelines.heart.org/wp-content/uploads/2015/09/BLS-Adult-Cardiac-Arrest-Algorithm---2015-Update.png

Confidentiality and Public School Health Records (New Hampshire Department of Health)

http://education.nh.gov/instruction/school_health/fag_records.htm

Diabetes Emergency Care Plan (Fargo Public Schools)

https://www.west-

fargo.k12.nd.us/district/medicalforms/EmergencyCarePlanDiabetes.pdf

Documentation of Procedure Administration (Fargo Public Schools)

http://tinyurl.com/Documentation-ProcedureAdmin

Emergency Plan, General (West Fargo Public Schools)

https://www.west-fargo.k12.nd.us/district/medicalforms/EmergencyCarePlan.pdf

Epi-Pen Emergency Form/Procedure (Bismarck Public Schools)

https://www.bismarckschools.org/uploads/resources/12416/epipen-form.pdf

Individualized Healthcare Plan/Health Management Plan (Custer Health)

http://tinyurl.com/Indiv-HealthManagementPlan

Medication Record Administration (Fargo Public Schools)

http://tinyurl.com/MedRecordAdmin

Medication Administration PowerPoint (for training unlicensed school staff) http://www.ndhealth.gov/school-nursing/medicationadministration.htm

Prescription and OTC Authorization for Medication Administration (Fargo Public Schools)

http://tinyurl.com/Prescription-OTCAuthorization

Request and Authorization for Self-Administration of Medication (Fargo Public Schools)

http://tinyurl.com/Self-Administration-Medication

Seizure Emergency Care Plan (West Fargo Public Schools)

https://www.west-

fargo.k12.nd.us/district/medicalforms/EmergencyCarePlanSeizures.pdf

Seizure Management Plan (Bismarck Public Schools)

http://www.bismarck.k12.nd.us/uploads/resources/31161/bps-seizure-plan-16-17.pdf

Specialized Procedure Physician Request (East Whittier City School District – CA) http://www.ewcsd.org/district%20forms/P/Physician_s_Authorization_Request.pdf

Specialized Procedure Training Verification (Fulton County Schools – GA) http://tinyurl.com/SpecProcedureTraining

Staff Training Record Sample

http://www.sample-templates123.com/wp-content/uploads/2016/03/Example-Employee-Training-Record-Template.jpg

Student Health History Form (sample)

http://www.ndhealth.gov/school-nursing/publications.htm

Student Health History Form (Cincinnati Public Schools)

http://www.cps-k12.org/sites/www.cps-k12.org/files/pdfs/HealthHistory-15-16.pdf