For YAMHILL CARLTON SCHOOLS



ACKNOWLEDGMENTS

Pennsylvania Emergency Medical Services for Children Emergency Guidelines for Schools 2018 Edition

Reviewed by

Pennsylvania Emergency Medical Services for Children Advisory Committee Pennsylvania Chapter – Emergency Nurses Association Pennsylvania Department of Health – Division of School Health Center for Safe Schools, Camp Hill, PA

Acknowledgements

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WHEN TO CALL 9-1-1 FOR EMERGENCY MEDICAL SERVICES

Call EMS if:

The child is unconscious, semi-conscious, or unusually confused.	
The child's airway is blocked.	
The child is not breathing.	
The child is having difficulty breathing, shortness of breath or is choking.	
The child has no pulse.	
The child has bleeding that won't stop.	
The child is coughing up or vomiting blood.	
The child has been poisoned.	
The child has a seizure for the first time or a seizure that lasts more than five minutes.	
The child has injuries to the neck or back.	
The child has sudden, severe pain anywhere in the body.	
The child's condition is life-threatening (for example, severe eye injuries, amputations or other injuries that may leave the child permanently disabled unless he/she receives immediate care).	
The child's condition could worsen or become life-threatening on the way to the hospital.	
Moving the child could cause further injury.	
The child needs the skills or equipment of paramedics or emergency medical technicians.	
Distance or traffic conditions would cause a delay in getting the child to the hospital.	

EMERGENCY PROCEDURES FOR INJURY OR ILLNESS

- 1. Remain calm and assess the situation. Be sure the situation is safe for you to approach. The following dangers will require caution: live electrical wires, gas leaks, building damage, fire or smoke, traffic, or violence.
- 2. A responsible adult should stay at the scene and give help.
- 3. Send word to the office requesting assistance.
- 4. Do **NOT** give medications unless there has been prior approval by the student's parent or legal guardian, doctor, or other licensed prescriber according to state law, and school board policy.
- Do NOT move a severely injured or ill student unless absolutely necessary for immediate safety. If moving is necessary, follow guidelines in NECK AND BACK PAIN section.
- 6. 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.
- 7. If the parent/legal guardian cannot be reached, notify an emergency contact or the parent/legal guardian substitute and call either the physician or the 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 Emergency Medical Services (EMS), if necessary.
- 8. A staff memeber should stay with the injured student.
- 9. Fill out a report for all injuries requiring above procedures as required by local school board 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, 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.

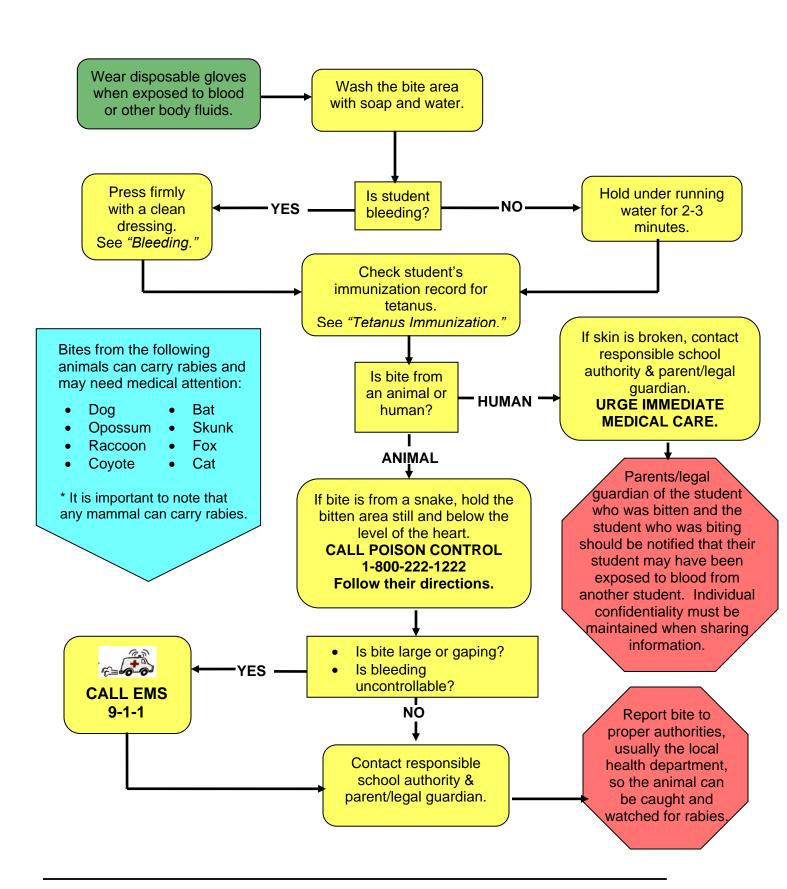
ALLERGIC REACTION

Students with life-threatening Children may experience a allergies should be known to delayed allergic reaction up appropriate school staff. An to 2 hours following food emergency care plan should be developed. Staff in a position ingestion, bee sting, etc. to administer approved medications should receive instruction, and PA Law does permit students to carry and Does the student have any symptoms of a severe allergic self-administer epinephrine reaction which may include: auto-injectors after determined to be competent by the Certified Hives all over body? Flushed face? • School Nurse. Blueness around mouth, eyes? NO. Dizziness? Difficulty breathing? Seizures? Drooling or difficulty swallowing? Confusion? Loss of consciousness? Weakness? Swelling or tingling of lips, tongue, throat Paleness? Symptoms of a mild allergic reaction include: **YES** Red, watery eyes. Itchy, sneezing, runny nose. Check student's airway. Hives or rash on one area. Monitor the student's breathing. If student stops breathing, start CPR. See "CPR" section. Adult(s) supervising student during normal activities should be aware Does student have an emergency of the student's exposure care plan available? and should watch for any delayed symptoms of a NO severe allergic reaction YES (see above) for up to 2 hours. Refer to student's plan. Follow school policies for Administer doctor-and students with severe parent/guardian-approved allergic reactions. medication as indicated. Continue CPR if needed. If student is so uncomfortable that he/she is unable to participate in school activities, contact **CALL EMS 9-1-1.** responsible school Contact responsible authority & parent or school authority & legal guardian. parent or legal guardian.

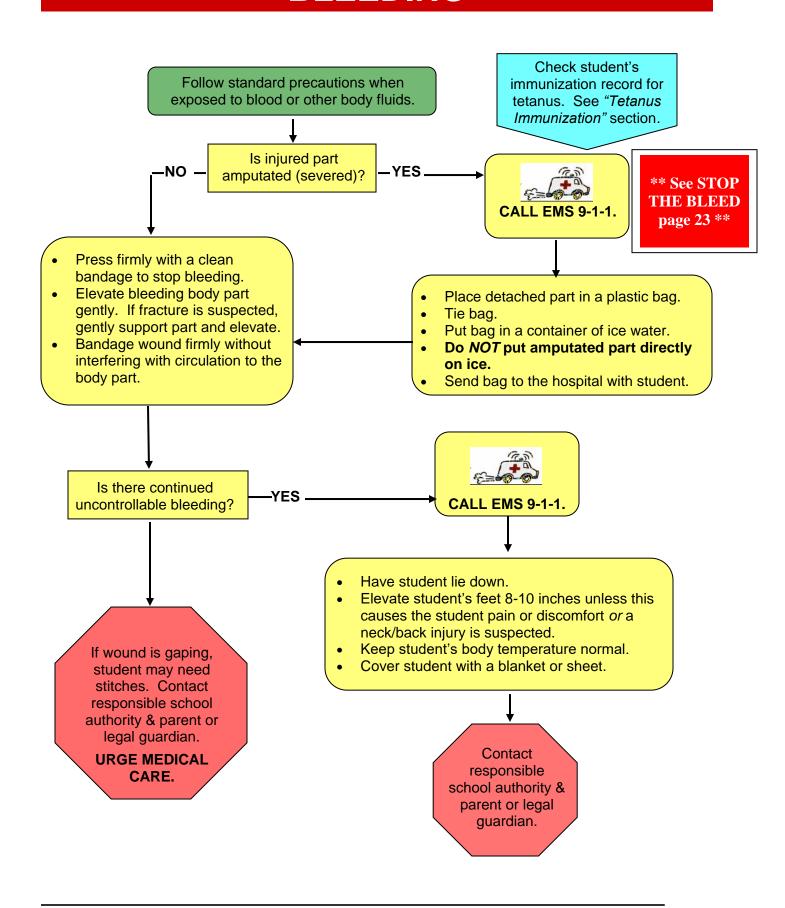
ASTHMA & DIFFICULTY BREATHING

A student with asthma/wheezing may have breathing Students with a history of difficulties which may include: breathing difficulties including asthma/wheezing · Uncontrollable coughing. should be known to · Wheezing – a high-pitched sound during breathing out. appropriate school staff. A Rapid breathing care plan which includes Flaring (widening) of nostrils an emergency action plan Feeling of tightness in the chest. should be developed. PA Not able to speak in full sentences. law allows students to Increased use of stomach and chest muscles during breathing. possess and use an asthma inhaler in the school if approved by the Certified School Nurse. Did breathing difficulty develop rapidly? Staff in a position to **YES** Are the lips, tongue or nail beds turning blue? administer approved medications should receive instruction. Refer to student's emergency care plan. **CALL EMS** 9-1-1 Does the student have their Has an inhaler already been used? own medication approved by **YES** If yes, when and how often? a licensed prescriber? **YES** NO NO Remain calm. Encourage the student to sit in a Administer comfortable position, breathe slowly and deeply in medication through the nose and our through the mouth. as directed. Are symptoms not improving or NO getting worse? Contact YES responsible school authority & parent/legal guardian. **CALL EMS 9-1-1**

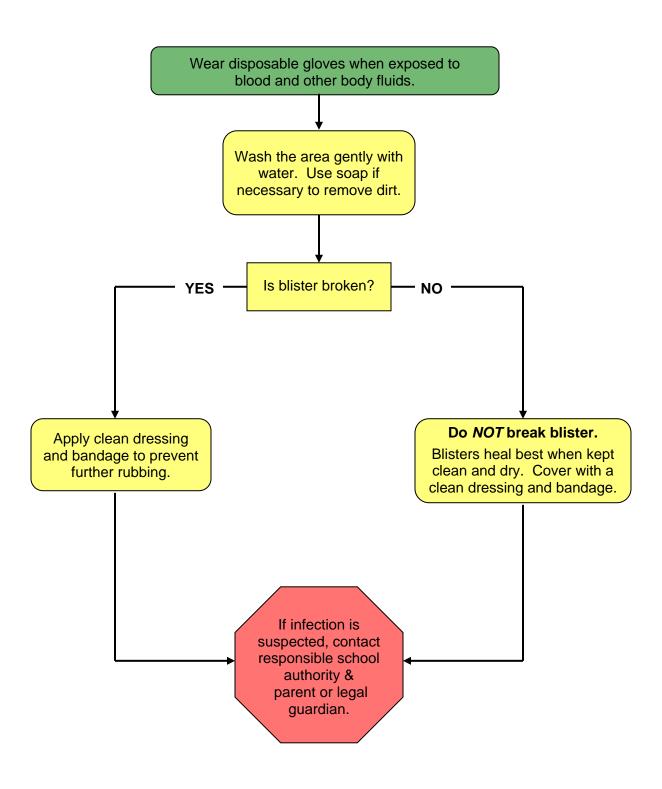
BITES (HUMAN & ANIMAL)



BLEEDING



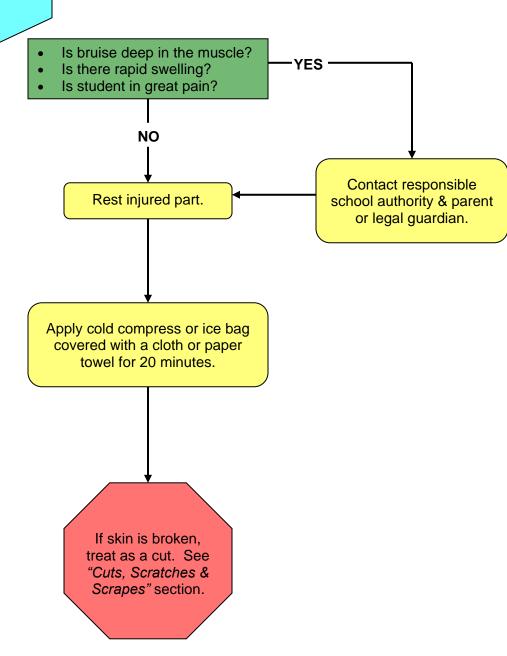
BLISTERS (FROM FRICTION)



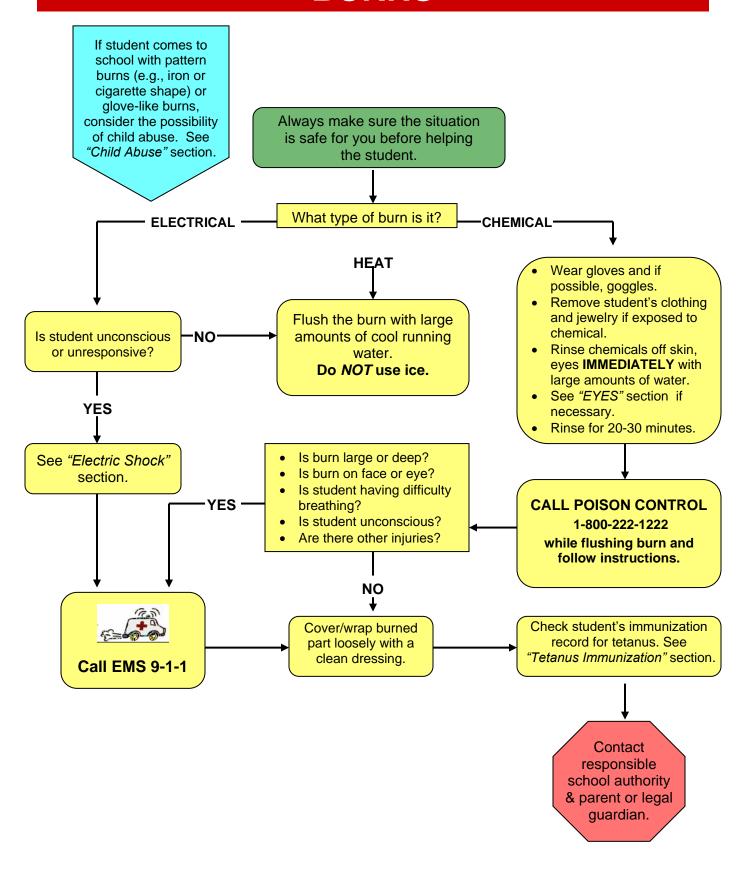
BRUISES

If student comes to school with unexplained unusual or frequent bruising, consider the possibility of child abuse.

See "Child Abuse" section.



BURNS



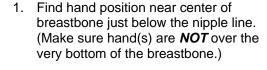
CARDIOPULMONARY RESUSCITATION (CPR) FOR CHILDREN AGE 1 THRU ADULTHOOD

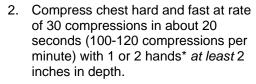
CPR is to be used when a student is unresponsive or when breathing or heart beat stops.

- 1. Tap or gently shake the shoulder. Shout, "Are you OK?" If child is unresponsive, shout for help and send someone to call EMS and get your school's AED if available.
- 2. Turn the child onto his/her back as a unit by supporting the head and neck. If head or neck injury is suspected, DO NOT BEND OR TURN NECK.
- 3. Evaluate for signs of circulation, which include breathing, moving, or coughing.
- 4. If no signs of circulation exist, begin CPR, beginning with chest compressions at a rate of 100 compressions-per-minute. Remember to allow the chest to return to its normal position in between each compression. Push hard, fast, and deep.





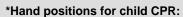




Use equal compression and relaxation times. Limit interruptions in chest compressions.

- 3. If you feel comfortable or are trained to provide ventilation, provide two (2) ventilations with each ventilation lasting 1 second and watch for the chest to rise with each breath.
- 4. REPEAT CYCLES OF 30 **COMPRESSIONS TO 2 BREATHS AT** A RATE OF 100 COMPRESSIONS PER MINUTE UNTIL PATIENT STARTS BREATHING EFFECTIVELY ON THEIR OWN OR HELP ARRIVES.





- 1 hand: Use heel of 1 hand
- 2 hands: Use heel of 1 hand with second on top of first.



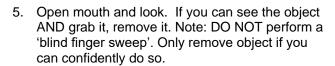
CHOKING (Conscious Victims)

Call EMS 9-1-1 after starting rescue efforts.

INFANTS UNDER 1 YEAR

Begin the following if the infant is choking and is unable to breathe. However, if the infant is coughing or crying, do **NOT** do any of the following, but call EMS, try to calm the child and watch for worsening of symptoms. If cough becomes ineffective (loss of sound), begin step 1 below.

- Position the infant, with head slightly lower than chest, face down on your arm and support the head (support jaw; do NOT compress throat).
- Give up to 5 back slaps with the heel of hand between infant's shoulder blades.
- If object is not coughed up, position infant face up on your forearm with head slightly lower than rest of body.
- 4. With 2 or 3 fingers, give up to 5 chest thrusts near center of breastbone, just below the nipple line.



- 6. REPEAT STEPS 1-5
 UNTIL OBJECT IS COUGHED UP OR INFANT
 STARTS TO BREATHE OR BECOMES
 UNCONSCIOUS.
- 7. If infant becomes unconscious, call EMS (if not already called).

IF INFANT BECOMES UNCONSCIOUS, BEGIN THE STEPS OF INFANT CPR.

CHILDREN OVER 1 YEAR OF AGE & ADULTS

Begin the following if the victim is choking and unable to breathe. Ask the victim: "Are you choking?" If the victim nods yes or can't respond, help is needed. However, if the victim is coughing, crying or speaking, do *NOT* do any of the following, but call EMS, try to calm him/her and watch for worsening of symptoms. If cough becomes ineffective (loss of sound) and victim cannot speak, begin step 1 below.



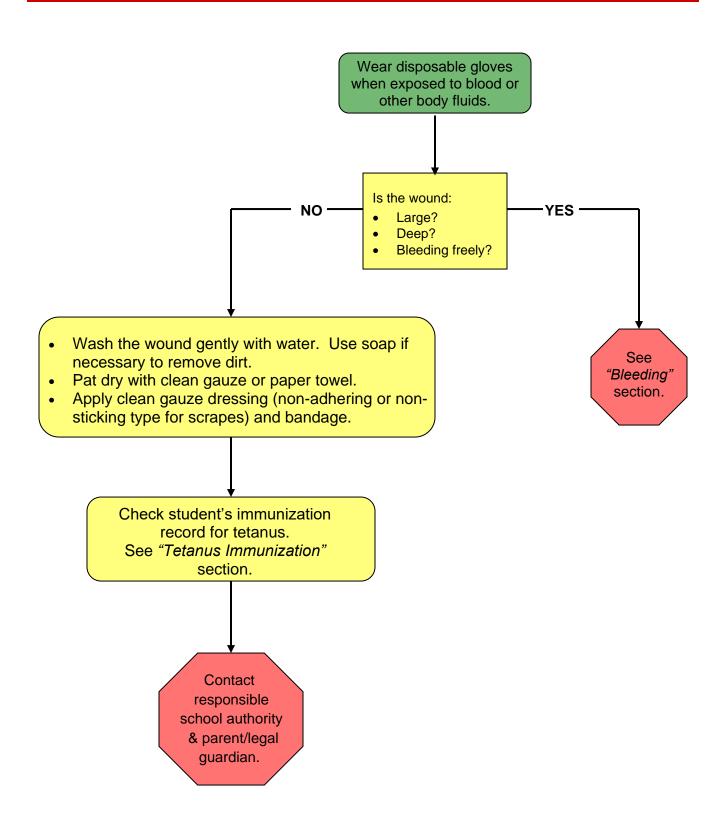
- 1. Stand behind an adult, or stand or kneel behind child with arms encircling patient.
- Place thumbside of fist against middle of abdomen just above the navel. (Do *NOT* place your hand over the very bottom of the breastbone. Grasp fist with other hand).
- 3. Give up to 5 quick inward and upward abdominal thrusts.
- REPEAT STEPS 1-2 UNTIL OBJECT IS COUGHED UP AND THE CHILD STARTS TO BREATHE OR CHILD BECOMES UNCONSCIOUS.

IF CHILD OR ADULT BECOMES UNCONSCIOUS, PLACE ON BACK AND BEGIN THE STEPS OF CPR.

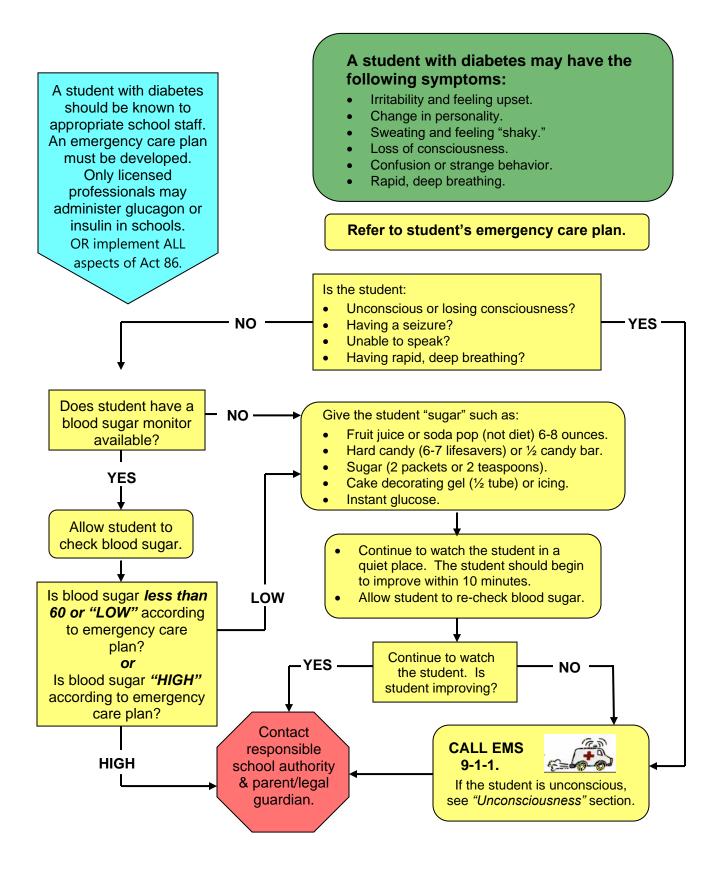
FOR OBESE OR PREGNANT PERSONS:

Stand behind person and place your arms under the armpits to encircle the chest. Press with quick backward thrusts.

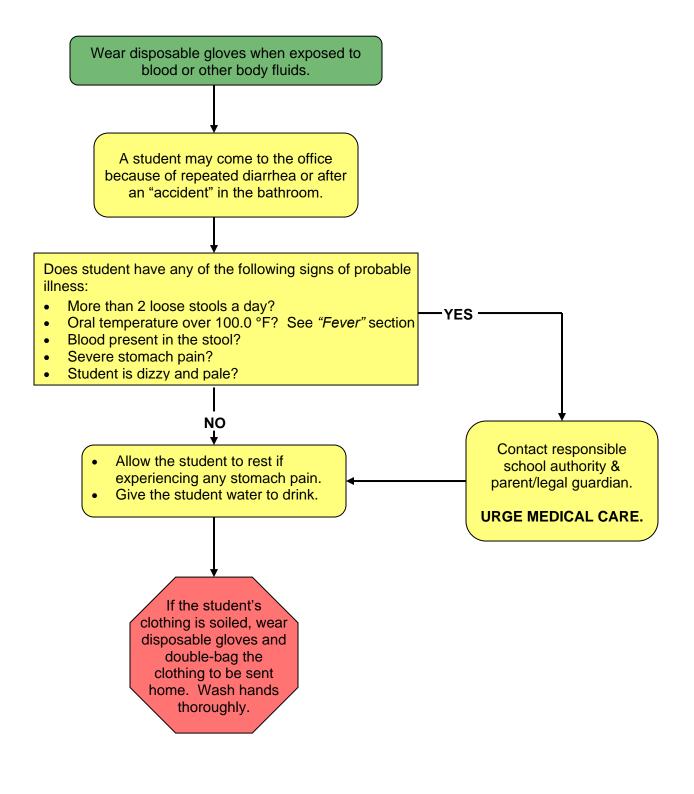
CUTS (SMALL), SCRATCHES, & SCRAPES (INCLUDING ROPE & FLOOR BURNS)



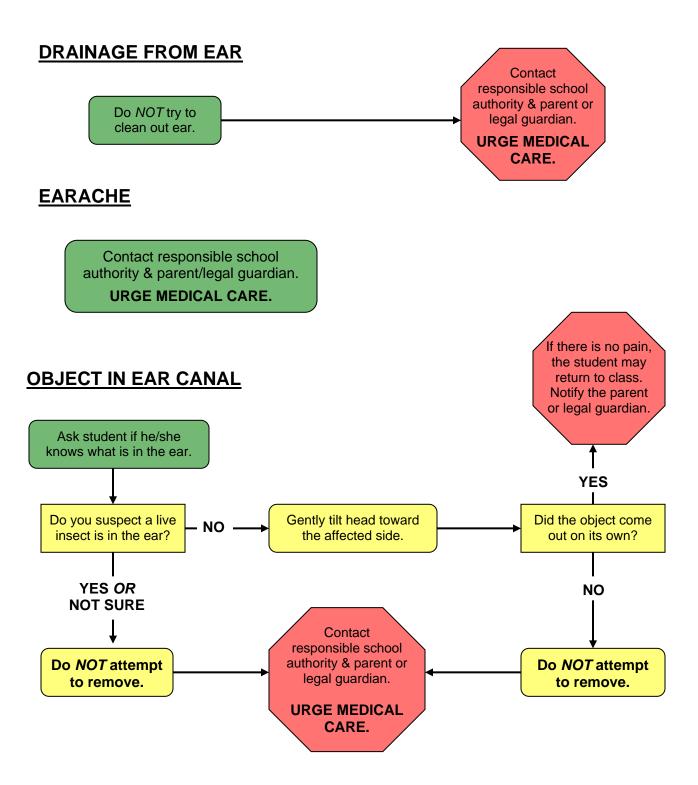
DIABETES



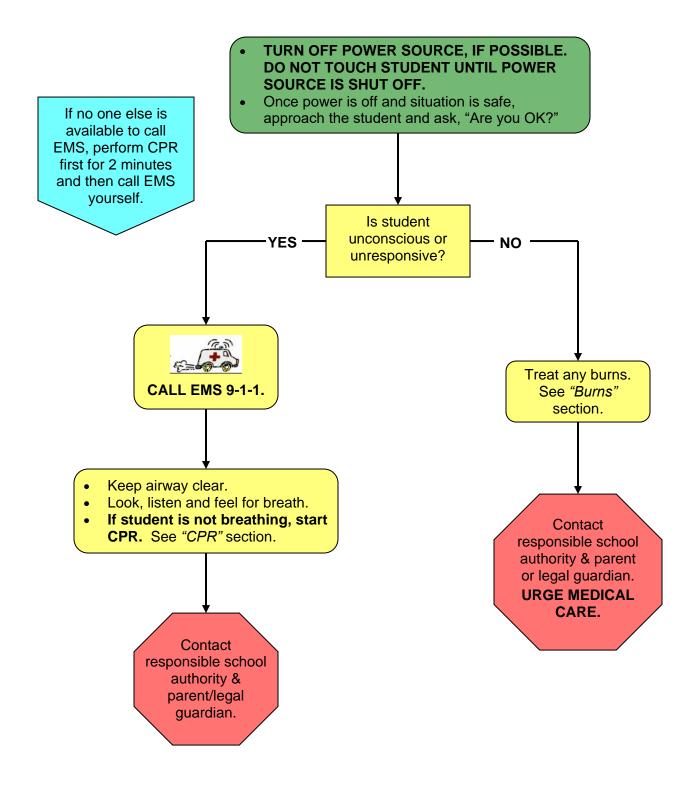
DIARRHEA



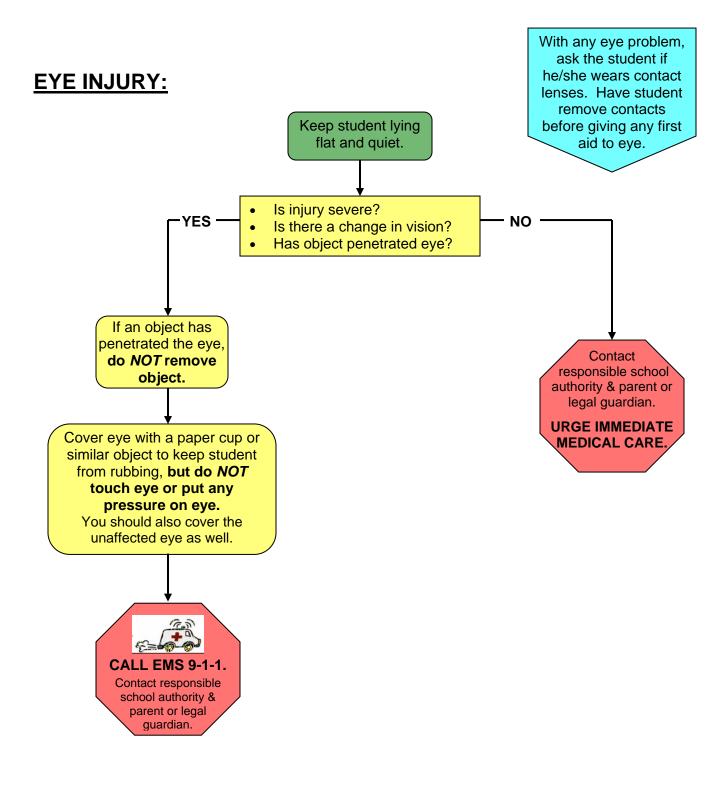
EAR PROBLEMS



ELECTRIC SHOCK

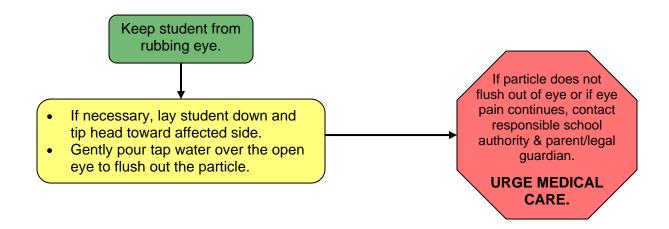


EYE PROBLEMS

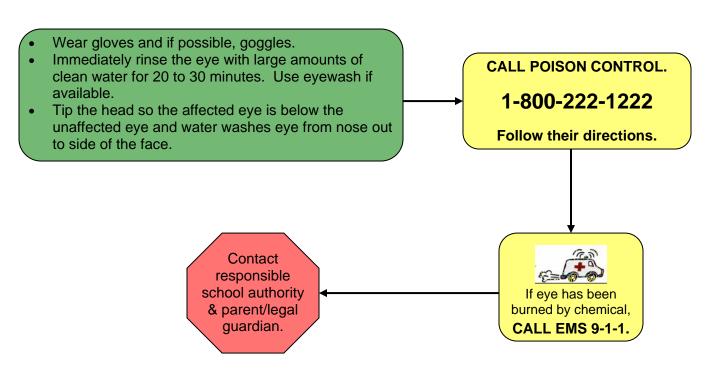


EYE PROBLEMS

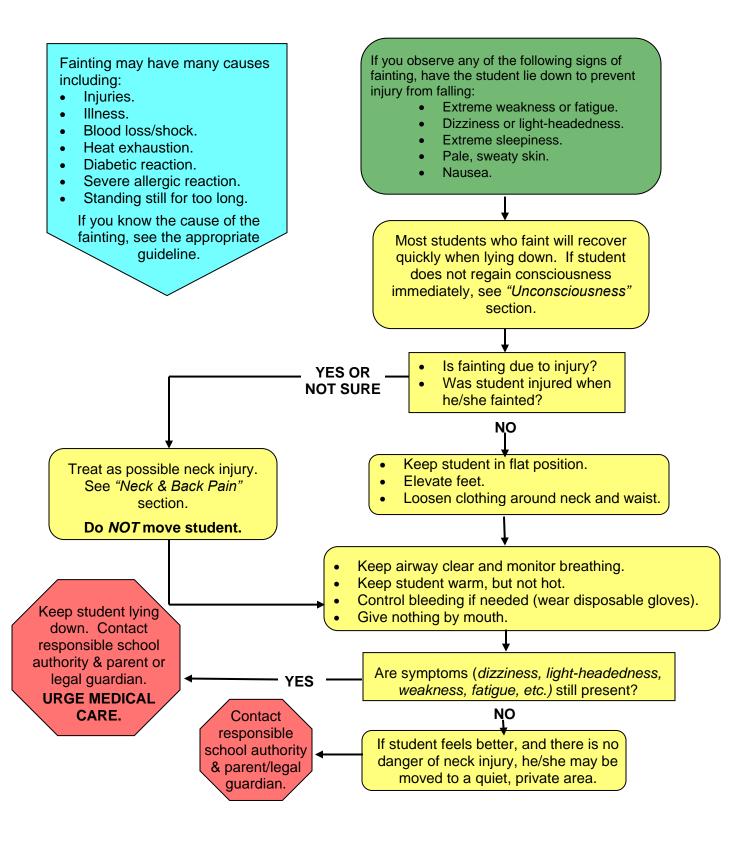
PARTICLE IN EYE



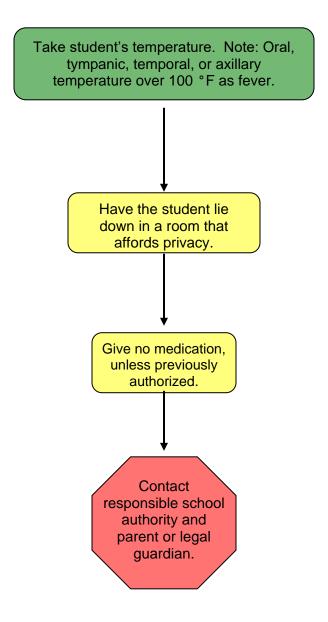
CHEMICALS IN EYE



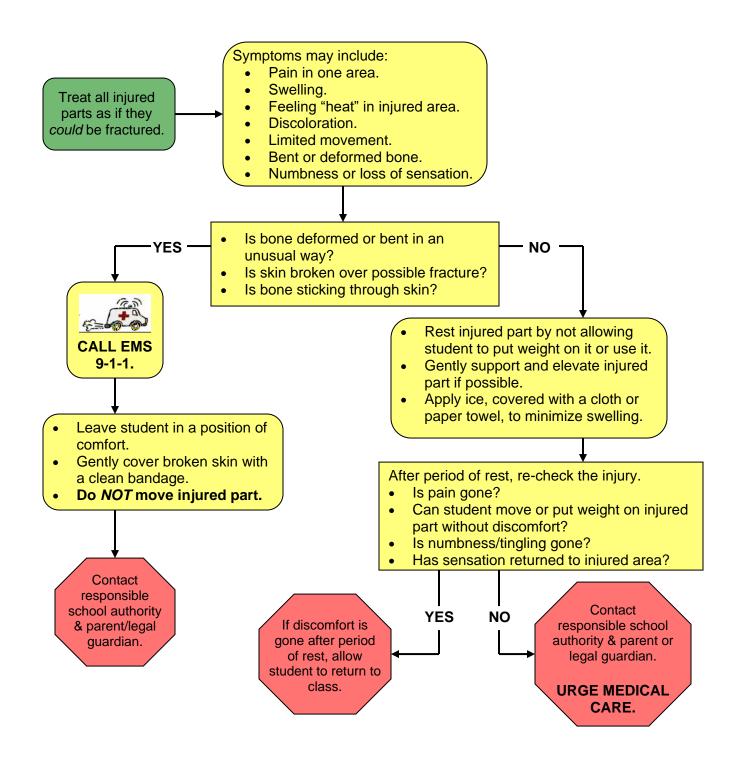
FAINTING



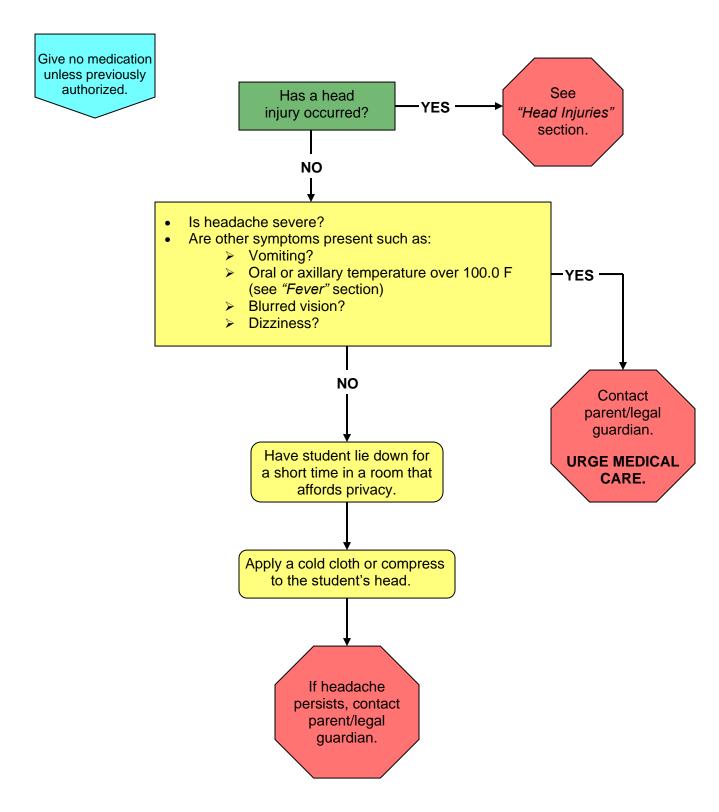
FEVER



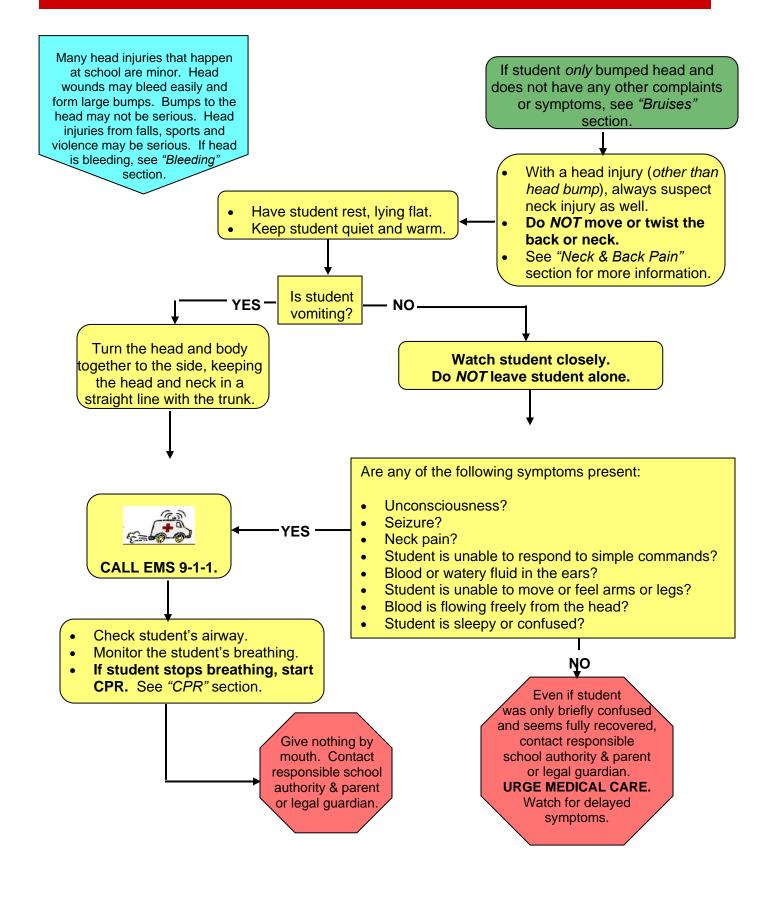
FRACTURES, DISLOCATIONS, SPRAINS, OR STRAINS



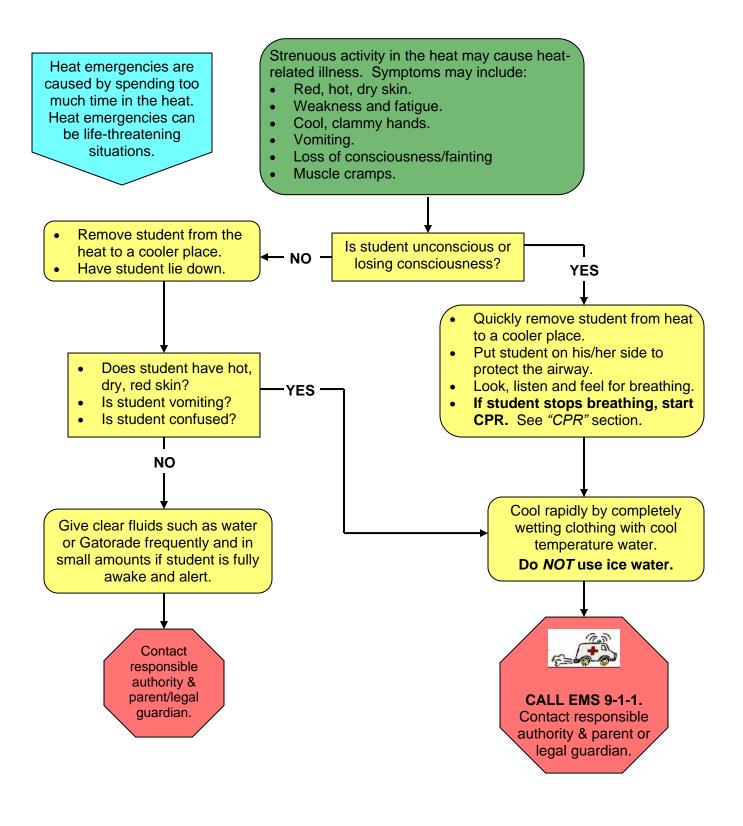
HEADACHE



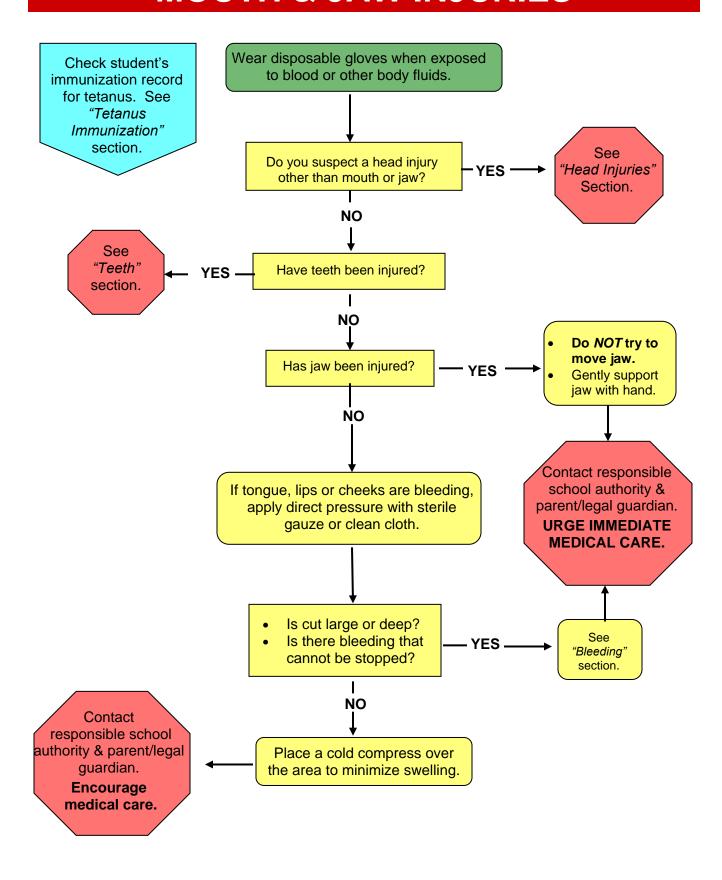
HEAD INJURIES



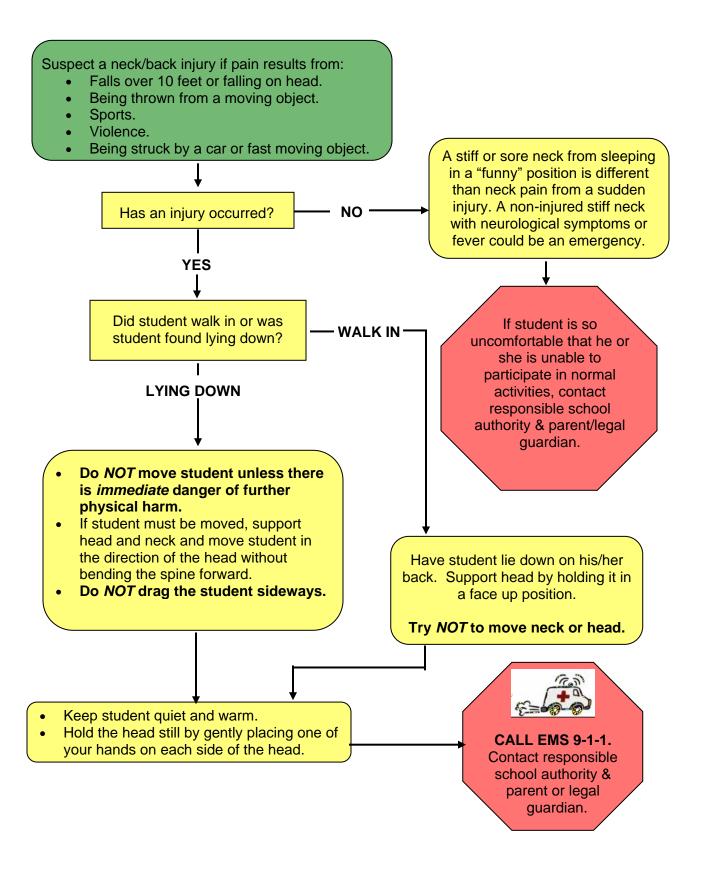
HEAT EMERGENCIES



MOUTH & JAW INJURIES



NECK & BACK PAIN



NOSE PROBLEMS

EPISTAXIS (NOSEBLEED)

See "Head Injuries" section if you suspect a head injury other than a nosebleed or broken nose.

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.

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

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

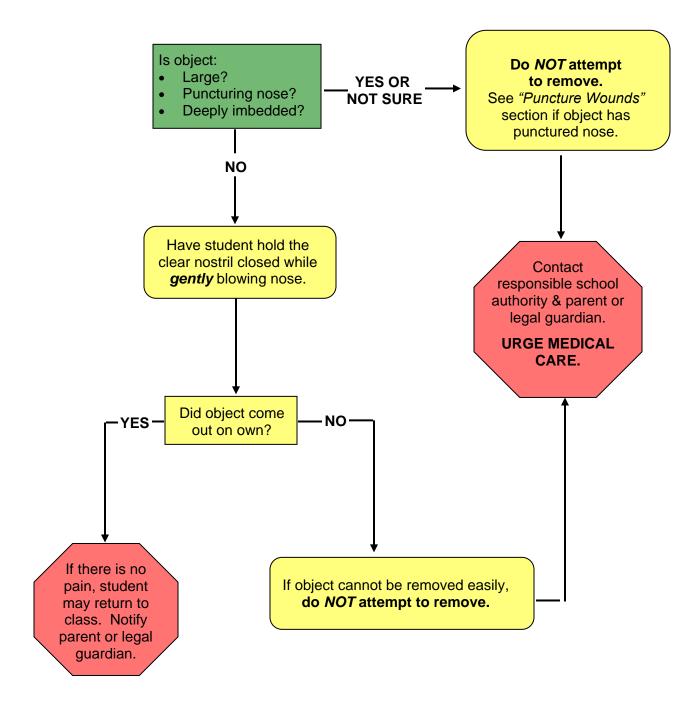
If blood is still flowing freely after applying pressure and ice, contact school authority & parent/legal guardian. Consider calling EMS.

BROKEN NOSE

- Care for nose as in "Nosebleed" above.
- Contact responsible school authority & parent/legal guardian.
- URGE MEDICAL CARE.

NOSE PROBLEMS

OBJECT IN NOSE



POISONING & OVERDOSE

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

- Medicines.
- Insect bites and stings.
- Snake bites.
- Plants.
- Chemicals/cleaners.
- Drugs/alcohol.
- Food poisoning.
- Inhalants.

Or if you are not sure.

- Do NOT induce vomiting or give anything UNLESS instructed to by Poison Control. With some poisons, vomiting can cause greater damage.
- Do NOT follow the antidote label on the container; it may be incorrect.

- If student becomes unconscious, place on his/her side. Check airway.
- Monitor the student's breathing.
- If student stops breathing, start CPR. See "CPR" section.

Contact responsible school authority & parent or legal guardian.

CALL EMS 9-1-1. 5

Possible warning signs of poisoning include:

- Pills, berries or unknown substances 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.

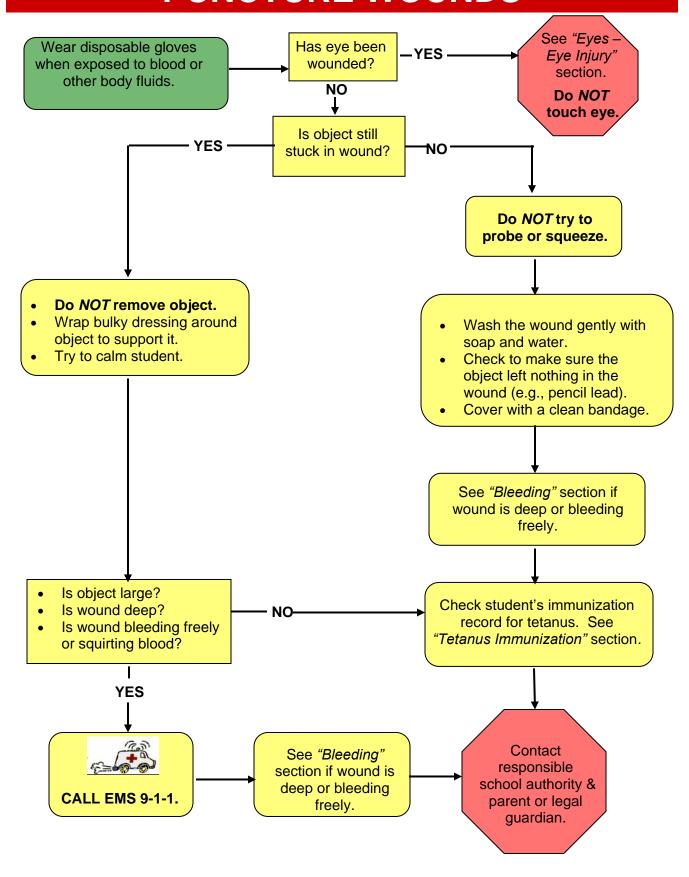
If possible, find out:

- 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.

Send sample of the vomited material and ingested material with its container (if available) to the hospital with the student.

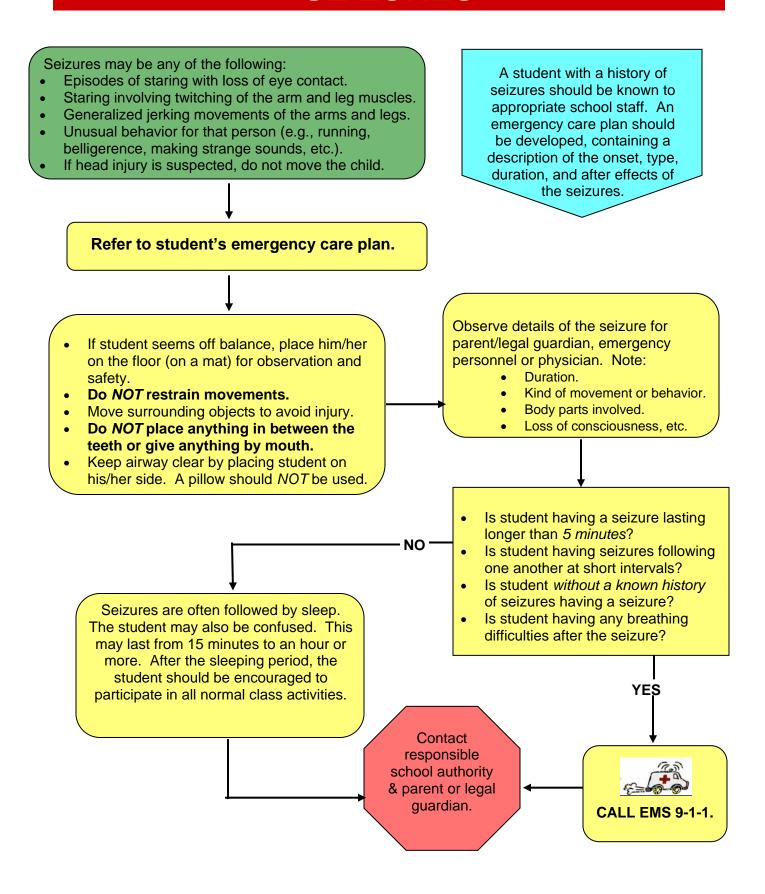
PUNCTURE WOUNDS



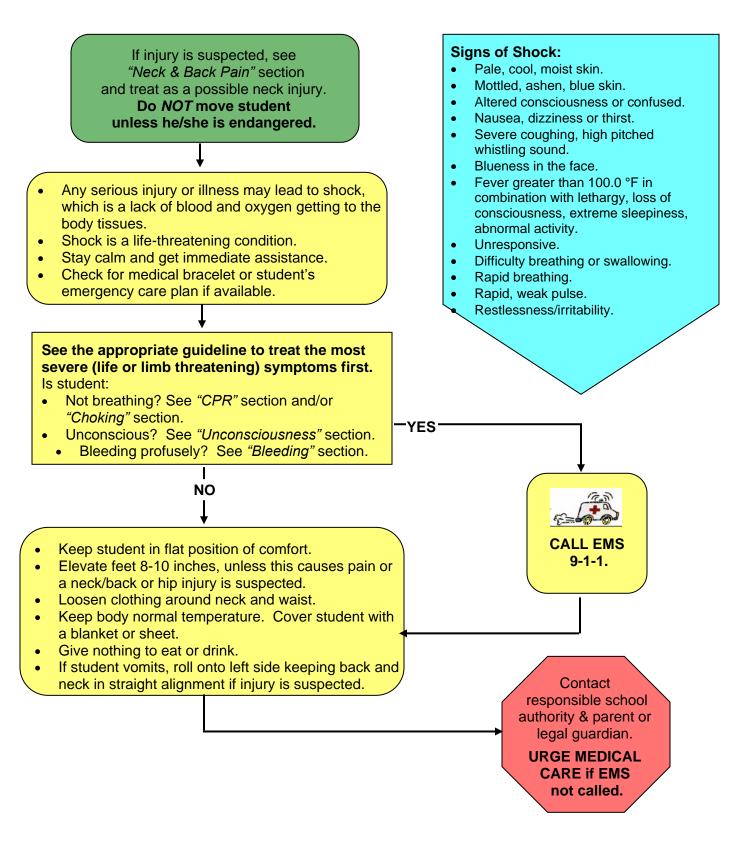
RASHES

Rashes may have many Some rashes may be contagious. causes including heat, Wear disposable gloves to infection, illness, reaction protect self when in contact with to medications, allergic any rash. reactions, insect bites, dry skin or skin irritations. Rashes include such things as: Hives. Red spots (large or small, flat or raised). Purple spots. Small blisters. Other symptoms may indicate whether the student needs medical care. **CALL EMS 9-1-1.** Does student have: YES-Contact responsible Loss of consciousness? school authority & Difficulty breathing or swallowing? parent/legal guardian. Purple spots? NO If any of the following symptoms are present, contact responsible school authority & parent or legal guardian and URGE MEDICAL CARE: Oral temperature over 100.0 °F (See "Fever" See "Allergic section). Reaction" section Headache. and "Communicable Diarrhea. Disease" section for Sore throat. more information. Vomiting. Rash is bright red and sore to the touch. Rash (hives) all over body. Student is so uncomfortable (e.g., itchy, sore, feels ill) that he/she is not able to participate in school activities.

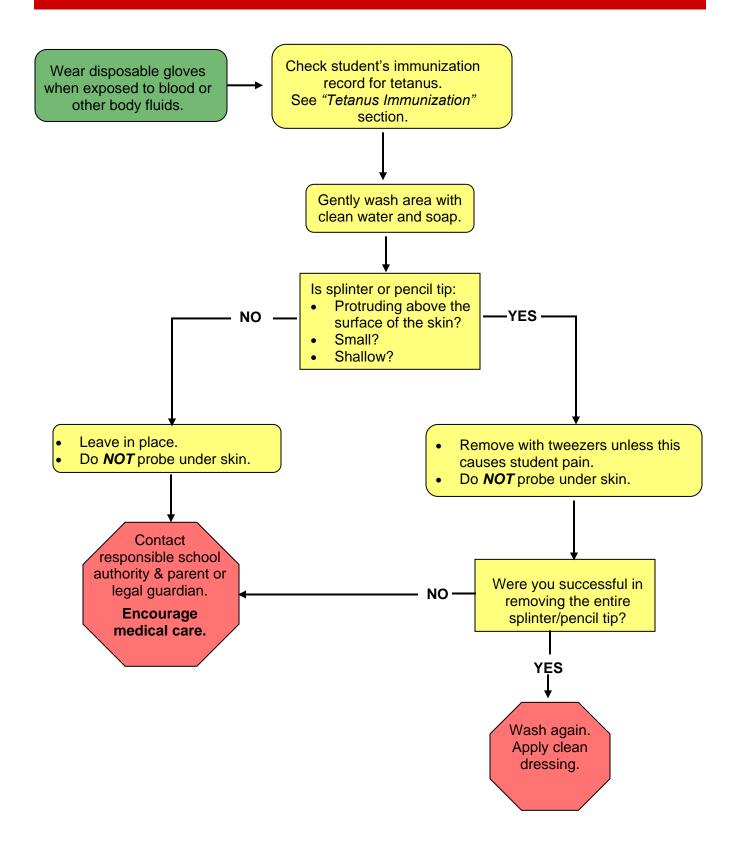
SEIZURES



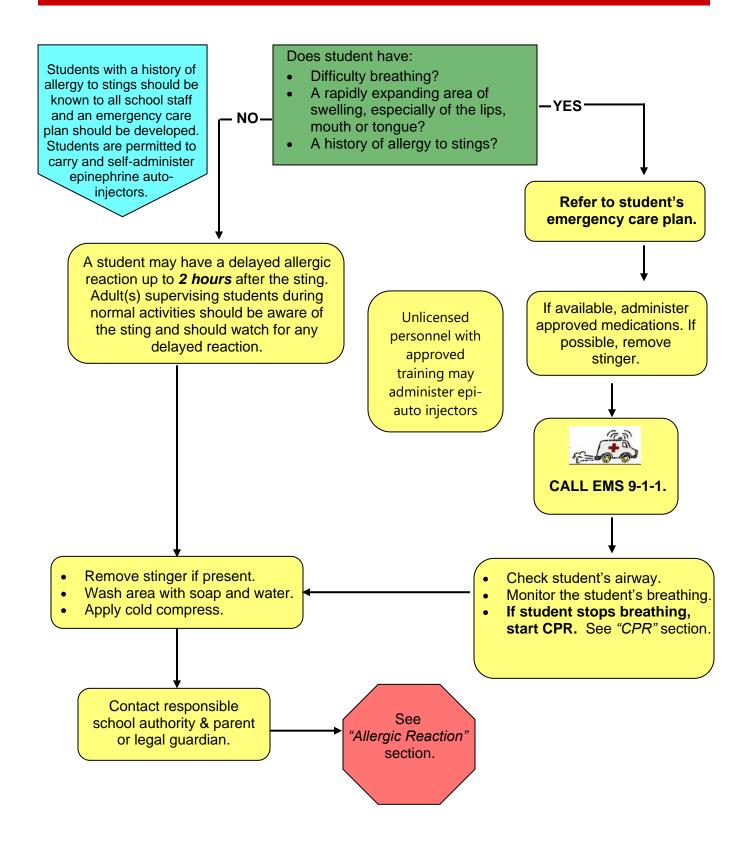
SHOCK



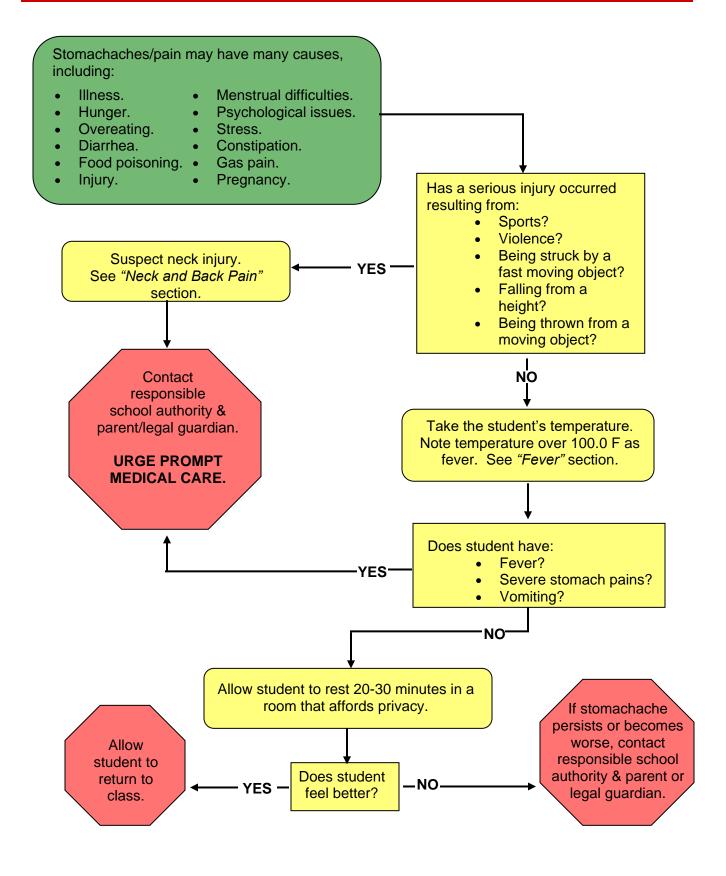
SPLINTERS OR IMBEDDED PENCIL TIP



STINGS



STOMACHACHES/PAIN



TEETH PROBLEMS



KNOCKED-OUT OR BROKEN PERMANENT TOOTH

SEEN BY A DENTIST AS SOON AS POSSIBLE.

If tooth is dirty, clean gently by rinsing with water. Find tooth. Do NOT handle Do NOT scrub the knocked-out tooth. tooth by the root. Do not replant primary (baby) teeth The following steps are listed in order of preference. back in socket. (No. 1 in list.) Within 15-20 minutes: 1. Place gently back in socket and have student hold in place with tissue or gauze, or 2. Place in HBSS (Save-A-Tooth Kit) if available. See "Recommended First Aid Equipment & Supplies For Schools", section, or 3. Place in glass of milk, or 4. Place in normal saline, or 5. Have student spit in cup and place tooth in it, or 6. Place in a glass of water. TOOTH MUST NOT DRY OUT. Contact responsible school authority & parent or legal guardian. **OBTAIN EMERGENCY** Apply a cold compress to face to DENTAL CARE. THE minimize swelling. STUDENT SHOULD BE

UNCONSCIOUSNESS

If student stops breathing, Unconsciousness may have many causes including: and no one else is available to call EMS, administer Injuries. Heat exhaustion. CPR for 2 minutes and then Blood loss/shock. Illness. call EMS yourself. Poisoning. Fatigue. Severe allergic reaction. Stress. Diabetic reaction. Not eating. If you know the cause of the unconsciousness, see the appropriate guideline. See Did student regain consciousness immediately? "Fainting" YES section. NO Is unconsciousness due to injury? NO See "Neck & Back Pain" section and treat as a possible neck injury. Open airway Do NOT move student. Check for signs of circulation. Begin CPR. See "CPR" **CALL EMS 9-1-1.** YES-Is circulation NO section. present? Keep student in flat position of comfort. Elevate feet 8-10 inches unless this causes pain or a neck/back or hip injury is suspected. **CALL EMS** Loosen clothing around neck and waist. 9-1-1. Keep body normal temperature. Cover student with a blanket or sheet. Contact Give nothing to eat or drink. responsible If student vomits, roll onto left side school authority keeping back and neck in straight & parent/legal alignment if injury is suspected. guardian. Examine student from head-to-toe and give first aid for conditions as needed.

VOMITING & SEVERE NAUSEA

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

CALL POISON CONTROL 1-800-222-1222.

and ask for instructions.
See "Poisoning" section and notify local health department.

Vomiting may have many causes including:

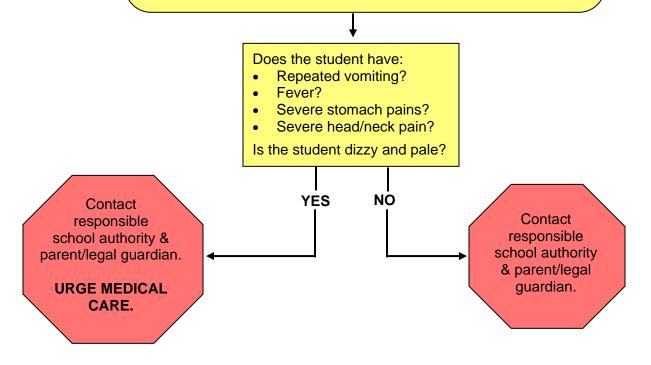
- Illness.
- Injury/head injury.
- Bulimia.
- Heat exhaustion.
- Anxiety.
- Overexertion.
- Pregnancy.
- Food Poisoning.

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

Take student's temperature.

Note oral or axillary temperature over 100.0 F as fever. See "Fever" section.

- Have student lie down on his/her side in a room that affords privacy and allow him/her to rest.
- Apply a cool, damp cloth to student's face or forehead.
- Have a bucket available.
- Give no food or medications, although you may offer student ice chips or small sips of clear fluids containing sugar (such as 7Up or Gatorade), if the student is thirsty.



BUILDING To-Go Bag

This bag should be portable and readily accessible for use in an emergency. Assign a member of the Emergency Response Team to keep the To-Go Bag updated (change batteries, update phone numbers, etc.). Items in this bag are for **emergency use only**.

<u>FORMS</u>			
——— Turn-off procedures for fire alarm, sprinklers, and all utilities.			
— Videotape of inside and outside of the building/grounds.			
——— Map of local streets with evacuation routes.			
——— Current yearbook with pictures.			
Staff roster including emergency contacts.			
——— Local telephone directory.			
— Lists of district personnel's contact info.			
——— Other:			
—— Other:			
<u>SUPPLIES</u>			
Flashlight.			
First aid kit with extra gloves.			
——— CPR disposable mask.			
——— Battery-powered radio.			
Two-way radios and/or cellular phones available.			
Whistle.			
Extra batteries for radio and flashlight.			
Peel-off stickers and markers for name tags.			
——— Paper and pen for note taking.			
Individual emergency medications/health equipment that would need to be removed from the building during an evacuation. (Please discuss and plan for these needs with your school nurse.)	n		
Other:			
——— Other:			
Denoted as a smaller for most fine to all according to the			
Person(s) responsible for routine toolbox updates:			
Person(s) responsible for bag delivery in emergency:			

CLASSROOM

To-Go Bag

This bag should be portable and readily accessible for use in an emergency. The classroom teacher is responsible to keep the To-Go Bag updated (change batteries, update phone numbers, etc.). Items in this bag are for **emergency use only.**

	<u>FORMS</u>					
Copies of all forms developed by your Emergency Response Team (chain of command, emergency plan, etc.). Map of building with location of phones and exits.						
				Map of local streets with evacuation routes. Master schedule of classroom teacher.		
Current yearbook with pictures. Local telephone directory. Lists of district personnel's contact info.						
			Other:			
			Other:			
	SUPPLIES					
Flashlight.						
First aid kit with extra gloves.	Person(s) responsible for routine toolbox updates					
CPR disposable mask.						
Battery-powered radio.						
Two-way radios and/or cellular	nhones available					
Whistle.	priories available.					
Extra batteries for radio and flashlight.						
	•					
Peel-off stickers and markers for name tags. Paper and pen for note taking.						
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Other:						