Diabetes Medical Management Plan (DMMP)

This plan should be completed by the student's personal diabetes health care team, including the parents/guardians. It should be reviewed with relevant school staff and copies should be kept in a place that can be accessed easily by the school nurse, trained diabetes personnel, and other authorized personnel.

Date of plan: _____ This plan is valid for the current school year: _____–_____

Student information

Student's name: _____ Date of birth: _____

Date of diabetes diagnosis: _____ ☐ Type 1 ☐ Type 2 ☐ Other: _____

School: _____ School phone number: _____

Grade: _____ Homeroom teacher: _____

School nurse: _____ Phone: _____

Contact information

Parent/guardian 1: _____

Address: _____

Telephone: Home: _____ Work: _____ Cell: _____

Email address: _____

Parent/guardian 2: _____

Address: _____

Telephone: Home: _____ Work: _____ Cell: _____

Email address: _____

Student's physician/health care provider: _____

Address: _____

Telephone: _____ Emergency number: _____

Email address: _____

Other emergency contacts:

Name: _____ Relationship: _____

Telephone: Home: _____ Work: _____ Cell: _____

NDEP National Diabetes Education Program
A program of the National Institutes of Health and the Centers for Disease Control and Prevention

Checking blood glucose

Brand/model of blood glucose meter: _____

Target range of blood glucose:

Before meals: ☐ 90–130 mg/dL ☐ Other: _____

Check blood glucose level:

☐ Before breakfast ☐ After breakfast ☐ ____ Hours after breakfast ☐ 2 hours after a correction dose

☐ Before lunch ☐ After lunch ☐ ____ Hours after lunch ☐ Before dismissal

☐ Mid-morning ☐ Before PE ☐ After PE ☐ Other: _____

☐ As needed for signs/symptoms of low or high blood glucose ☐ As needed for signs/symptoms of illness

Preferred site of testing: ☐ Side of fingertip ☐ Other: _____

Note: The side of the fingertip should always be used to check blood glucose level if hypoglycemia is suspected.

Student's self-care blood glucose checking skills:

☐ Independently checks own blood glucose

☐ May check blood glucose with supervision

☐ Requires a school nurse or trained diabetes personnel to check blood glucose

☐ Uses a smartphone or other monitoring technology to track blood glucose values

Continuous glucose monitor (CGM): ☐ Yes ☐ No Brand/model: _____

Alarms set for: Severe Low: _____ Low: _____ High: _____

Predictive alarm: Low: _____ High: _____ Rate of change: Low: _____ High: _____

Threshold suspend setting: _____

Additional information for student with CGM

- Confirm CGM results with a blood glucose meter check before taking action on the sensor blood glucose level. If the student has signs or symptoms of hypoglycemia, check fingertip blood glucose level regardless of the CGM.
- Insulin injections should be given at least three inches away from the CGM insertion site.
- Do not disconnect from the CGM for sports activities.
- If the adhesive is peeling, reinforce it with approved medical tape.
- If the CGM becomes dislodged, return everything to the parents/guardians. Do not throw any part away.
- Refer to the manufacturer's instructions on how to use the student's device.

Student's Self-care CGM Skills	Independent?	
The student troubleshoots alarms and malfunctions.	☐ Yes	☐ No
The student knows what to do and is able to deal with a HIGH alarm.	☐ Yes	☐ No
The student knows what to do and is able to deal with a LOW alarm.	☐ Yes	☐ No
The student can calibrate the CGM.	☐ Yes	☐ No
The student knows what to do when the CGM indicates a rapid trending rise or fall in the blood glucose level.	☐ Yes	☐ No

The student should be escorted to the nurse if the CGM alarm goes off: ☐ Yes ☐ No

Other instructions for the school health team: _____

Hypoglycemia treatment

Student's usual symptoms of hypoglycemia (list below): _____

_____

_____

If exhibiting symptoms of hypoglycemia, OR if blood glucose level is less than _____ mg/dL, give a quick-acting glucose product equal to _____ grams of carbohydrate.

Recheck blood glucose in 15 minutes and repeat treatment if blood glucose level is less than _____ mg/dL.

Additional treatment: _____

_____

If the student is unable to eat or drink, is unconscious or unresponsive, or is having seizure activity or convulsions (jerking movement):

- Position the student on his or her side to prevent choking.
- Give glucagon: ☐ 1 mg ☐ ½ mg ☐ Other (dose) _____
  - Route: ☐ Subcutaneous (SC) ☐ Intramuscular (IM)
  - Site for glucagon injection: ☐ Buttocks ☐ Arm ☐ Thigh ☐ Other: _____
- Call 911 (Emergency Medical Services) and the student's parents/guardians.
- Contact the student's health care provider.

Hyperglycemia treatment

Student's usual symptoms of hyperglycemia (list below): _____

_____

_____

- Check ☐ Urine ☐ Blood for ketones every ____ hours when blood glucose levels are above _____ mg/dL.
- For blood glucose greater than _____ mg/dL AND at least ____ hours since last insulin dose, give correction dose of insulin (see correction dose orders).
- Notify parents/guardians if blood glucose is over _____ mg/dL.
- For insulin pump users: see **Additional Information for Student with Insulin Pump**.
- Allow unrestricted access to the bathroom.
- Give extra water and/or non-sugar-containing drinks (not fruit juices): _____ ounces per hour.

Additional treatment for ketones: _____

- Follow physical activity and sports orders. (See **Physical Activity and Sports**)

If the student has symptoms of a hyperglycemia emergency, call 911 (Emergency Medical Services) and contact the student's parents/guardians and health care provider. Symptoms of a hyperglycemia emergency include: dry mouth, extreme thirst, nausea and vomiting, severe abdominal pain, heavy breathing or shortness of breath, chest pain, increasing sleepiness or lethargy, or depressed level of consciousness.

Insulin therapy

Insulin delivery device: ☐ Syringe ☐ Insulin pen ☐ Insulin pump

Type of insulin therapy at school: ☐ Adjustable (basal-bolus) insulin ☐ Fixed insulin therapy ☐ No insulin

Insulin therapy (continued)

Adjustable (Basal-bolus) Insulin Therapy

- **Carbohydrate Coverage/Correction Dose:** Name of insulin: _____
- **Carbohydrate Coverage:**

  Insulin-to-carbohydrate ratio:

  Breakfast: 1 unit of insulin per _____ grams of carbohydrate

  Lunch: 1 unit of insulin per _____ grams of carbohydrate

  Snack: 1 unit of insulin per _____ grams of carbohydrate

Carbohydrate Dose Calculation Example
$\frac{\textit{Total Grams of Carbohydrate to Be Eaten}}{\textit{Insulin-to-Carbohydrate Ratio}} = \_\_\_\_\ \textit{Units of Insulin}$

Correction dose: Blood glucose correction factor (insulin sensitivity factor) = _____ Target blood glucose = _____ mg/dL

Correction Dose Calculation Example
$\frac{\textit{Current Blood Glucose – Target Blood Glucose}}{\textit{Correction Factor}} = \_\_\_\_\ \textit{Units of Insulin}$

Correction dose scale (use instead of calculation above to determine insulin correction dose):

Blood glucose _____ to _____ mg/dL, give _____ units Blood glucose _____ to _____ mg/dL, give _____ units

Blood glucose _____ to _____ mg/dL, give _____ units Blood glucose _____ to _____ mg/dL, give _____ units

See the worksheet examples in **Advanced Insulin Management: Using Insulin-to-Carb Ratios and Correction Factors** for instructions on how to compute the insulin dose using a student's insulin-to-carb ratio and insulin correction factor.

When to give insulin:

Breakfast

- ☐ Carbohydrate coverage only
- ☐ Carbohydrate coverage plus correction dose when blood glucose is greater than _____ mg/dL and ____ hours since last insulin dose.
- ☐ Other: _____

Lunch

- ☐ Carbohydrate coverage only
- ☐ Carbohydrate coverage plus correction dose when blood glucose is greater than _____ mg/dL and ____ hours since last insulin dose.
- ☐ Other: _____

Snack

- ☐ No coverage for snack
- ☐ Carbohydrate coverage only
- ☐ Carbohydrate coverage plus correction dose when blood glucose is greater than _____ mg/dL and ____ hours since last insulin dose.
- ☐ Correction dose only: For blood glucose greater than _____ mg/dL AND at least ____ hours since last insulin dose.
- ☐ Other: _____

Insulin therapy (continued)

Fixed Insulin Therapy Name of insulin: _____

☐ _____ Units of insulin given pre-breakfast daily

☐ _____ Units of insulin given pre-lunch daily

☐ _____ Units of insulin given pre-snack daily

☐ Other: _____

Parents/Guardians Authorization to Adjust Insulin Dose

☐ Yes ☐ No Parents/guardians authorization should be obtained before administering a correction dose.

☐ Yes ☐ No Parents/guardians are authorized to increase or decrease correction dose scale within the following range: +/– _____ units of insulin.

☐ Yes ☐ No Parents/guardians are authorized to increase or decrease insulin-to-carbohydrate ratio within the following range: _____ units per prescribed grams of carbohydrate, +/– _____ grams of carbohydrate.

☐ Yes ☐ No Parents/guardians are authorized to increase or decrease fixed insulin dose within the following range: +/– _____ units of insulin.

Student's self-care insulin administration skills:

☐ Independently calculates and gives own injections.

☐ May calculate/give own injections with supervision.

☐ Requires school nurse or trained diabetes personnel to calculate dose and student can give own injection with supervision.

☐ Requires school nurse or trained diabetes personnel to calculate dose and give the injection.

Additional information for student with insulin pump

Brand/model of pump: _____ Type of insulin in pump: _____

Basal rates during school: Time: _____ Basal rate: _____ Time: _____ Basal rate: _____

Time: _____ Basal rate: _____ Time: _____ Basal rate: _____

Time: _____ Basal rate: _____

Other pump instructions: _____

_____

Type of infusion set: _____

Appropriate infusion site(s): _____

☐ For blood glucose greater than _____ mg/dL that has not decreased within ____ hours after correction, consider pump failure or infusion site failure. Notify parents/guardians.

☐ For infusion site failure: Insert new infusion set and/or replace reservoir, or give insulin by syringe or pen.

☐ For suspected pump failure: Suspend or remove pump and give insulin by syringe or pen.

Physical Activity

May disconnect from pump for sports activities:	☐ Yes, for ____ hours	☐ No
Set a temporary basal rate:	☐ Yes, ____ % temporary basal for ____ hours	☐ No
Suspend pump use:	☐ Yes, for ____ hours	☐ No

Additional information for student with insulin pump (continued)

Student's Self-care Pump Skills	Independent?	
Counts carbohydrates	☐ Yes	☐ No
Calculates correct amount of insulin for carbohydrates consumed	☐ Yes	☐ No
Administers correction bolus	☐ Yes	☐ No
Calculates and sets basal profiles	☐ Yes	☐ No
Calculates and sets temporary basal rate	☐ Yes	☐ No
Changes batteries	☐ Yes	☐ No
Disconnects pump	☐ Yes	☐ No
Reconnects pump to infusion set	☐ Yes	☐ No
Prepares reservoir, pod, and/or tubing	☐ Yes	☐ No
Inserts infusion set	☐ Yes	☐ No
Troubleshoots alarms and malfunctions	☐ Yes	☐ No

Other diabetes medications

Name: _____ Dose: _____ Route: _____ Times given: _____

Name: _____ Dose: _____ Route: _____ Times given: _____

Meal plan

Meal/Snack	Time	Carbohydrate Content (grams)
Breakfast		____ to ____
Mid-morning snack		____ to ____
Lunch		____ to ____
Mid-afternoon snack		____ to ____

Other times to give snacks and content/amount: _____

_____

Instructions for when food is provided to the class (e.g., as part of a class party or food sampling event): _____

_____

Special event/party food permitted: ☐ Parents'/Guardians' discretion ☐ Student discretion

Student's self-care nutrition skills:

☐ Independently counts carbohydrates

☐ May count carbohydrates with supervision

☐ Requires school nurse/trained diabetes personnel to count carbohydrates

Physical activity and sports

A quick-acting source of glucose such as ☐ glucose tabs and/or ☐ sugar-containing juice must be available at the site of physical education activities and sports.

Student should eat ☐ 15 grams ☐ 30 grams of carbohydrate ☐ other: _____

☐ before ☐ every 30 minutes during ☐ every 60 minutes during ☐ after vigorous physical activity ☐ other: _____

If most recent blood glucose is less than _____ mg/dL, student can participate in physical activity when blood glucose is corrected and above _____ mg/dL.

Avoid physical activity when blood glucose is greater than _____ mg/dL or if urine/blood ketones are moderate to large.

(See **Administer Insulin** for additional information for students on insulin pumps.)

Disaster plan

To prepare for an unplanned disaster or emergency (72 hours), obtain emergency supply kit from parents/guardians.

☐ Continue to follow orders contained in this DMMP.

☐ Additional insulin orders as follows (e.g., dinner and nighttime): _____

_____

_____

☐ Other: _____

Signatures

This Diabetes Medical Management Plan has been approved by:

_____

Student's Physician/Health Care Provider Date

I, (parent/guardian) _____, give permission to the school nurse or another qualified health care professional or trained diabetes personnel of (school) _____ to perform and carry out the diabetes care tasks as outlined in (student) _____ Diabetes Medical Management Plan. I also consent to the release of the information contained in this Diabetes Medical Management Plan to all school staff members and other adults who have responsibility for my child and who may need to know this information to maintain my child's health and safety. I also give permission to the school nurse or another qualified health care professional to contact my child's physician/health care provider.

Acknowledged and received by:

_____

Student's Parent/Guardian Date

_____

Student's Parent/Guardian Date

_____

School Nurse/Other Qualified Health Care Personnel Date

ASTHMA ACTION PLAN

Asthma and Allergy Foundation of America
aafa.org

Name:	Date:
Doctor:	Medical Record #:
Doctor's Phone #: Day	Night/Weekend
Emergency Contact:	
Doctor's Signature:	

The colors of a traffic light will help you use your asthma medicines.

GREEN means Go Zone!
Use preventive medicine.

YELLOW means Caution Zone!
Add quick-relief medicine.

RED means Danger Zone!
Get help from a doctor.

Personal Best Peak Flow: _____

GO

You have *all* of these:
- Breathing is good
- No cough or wheeze
- Sleep through the night
- Can work & play

Peak flow:
from _____
to _____

Use these daily controller medicines:

MEDICINE	HOW MUCH	HOW OFTEN/WHEN
For asthma with exercise, take:		

CAUTION

You have *any* of these:
- First signs of a cold
- Exposure to known trigger
- Cough
- Mild wheeze
- Tight chest
- Coughing at night

Peak flow:
from _____
to _____

Continue with green zone medicine and add:

MEDICINE	HOW MUCH	HOW OFTEN/ WHEN
CALL YOUR ASTHMA CARE PROVIDER.		

DANGER

Your asthma is getting worse fast:
- Medicine is not helping
- Breathing is hard & fast
- Nose opens wide
- Trouble speaking
- Ribs show (in children)

Peak flow:
reading below _____

Take these medicines and call your doctor now.

MEDICINE	HOW MUCH	HOW OFTEN/WHEN

GET HELP FROM A DOCTOR NOW! Your doctor will want to see you right away. It's important!
If you cannot contact your doctor, go directly to the emergency room. DO NOT WAIT.
Make an appointment with your asthma care provider within two days of an ER visit or hospitalization.

EPILEPSY FOUNDATION

Seizure Action Plan

Effective Date

This student is being treated for a seizure disorder. The information below should assist you if a seizure occurs during school hours.

Student's Name | Date of Birth

Parent/Guardian | Phone | Cell

Other Emergency Contact | Phone | Cell

Treating Physician | Phone

Significant Medical History

Seizure Information

Seizure Type	Length	Frequency	Description

Seizure triggers or warning signs:

Student's response after a seizure:

Basic First Aid: Care & Comfort

Please describe basic first aid procedures:

Does student need to leave the classroom after a seizure? ❒ Yes ❒ No

If YES, describe process for returning student to classroom:

Emergency Response

A "seizure emergency" for this student is defined as:

Seizure Emergency Protocol
(Check all that apply and clarify below)

- ❒ Contact school nurse at _____
- ❒ Call 911 for transport to _____
- ❒ Notify parent or emergency contact
- ❒ Administer emergency medications as indicated below
- ❒ Notify doctor
- ❒ Other _____

Basic Seizure First Aid

- Stay calm & track time
- Keep child safe
- Do not restrain
- Do not put anything in mouth
- Stay with child until fully conscious
- Record seizure in log

For tonic-clonic seizure:

- Protect head
- Keep airway open/watch breathing
- Turn child on side

A seizure is generally considered an emergency when:

- Convulsive (tonic-clonic) seizure lasts longer than 5 minutes
- Student has repeated seizures without regaining consciousness
- Student is injured or has diabetes
- Student has a first-time seizure
- Student has breathing difficulties
- Student has a seizure in water

Treatment Protocol During School Hours (include daily and emergency medications)

Emerg. Med. ✓	Medication	Dosage & Time of Day Given	Common Side Effects & Special Instructions

Does student have a **Vagus Nerve Stimulator?** ❒ Yes ❒ No If YES, describe magnet use:

Special Considerations and Precautions (regarding school activities, sports, trips, etc.)

Describe any special considerations or precautions:

Physician Signature _____ **Date** _____

Parent/Guardian Signature _____ **Date** _____

DPC772

FARE Food Allergy Research & Education

FOOD ALLERGY & ANAPHYLAXIS EMERGENCY CARE PLAN

Name: _____ D.O.B.: _____

Allergy to: _____

Weight: _____ lbs. Asthma: ☐ **Yes (higher risk for a severe reaction)** ☐ **No**

NOTE: Do not depend on antihistamines or inhalers (bronchodilators) to treat a severe reaction. USE EPINEPHRINE.

Extremely reactive to the following allergens: _____

THEREFORE:

☐ If checked, give epinephrine immediately if the allergen was LIKELY eaten, for ANY symptoms.

☐ If checked, give epinephrine immediately if the allergen was DEFINITELY eaten, even if no symptoms are apparent.

FOR **ANY** OF THE FOLLOWING:

SEVERE SYMPTOMS

LUNG
Shortness of breath, wheezing, repetitive cough

HEART
Pale or bluish skin, faintness, weak pulse, dizziness

THROAT
Tight or hoarse throat, trouble breathing or swallowing

MOUTH
Significant swelling of the tongue or lips

SKIN
Many hives over body, widespread redness

GUT
Repetitive vomiting, severe diarrhea

OTHER
Feeling something bad is about to happen, anxiety, confusion

OR A COMBINATION of symptoms from different body areas.

1. **INJECT EPINEPHRINE IMMEDIATELY.**
2. **Call 911.** Tell emergency dispatcher the person is having anaphylaxis and may need epinephrine when emergency responders arrive.

- Consider giving additional medications following epinephrine:
  - » Antihistamine
  - » Inhaler (bronchodilator) if wheezing
- Lay the person flat, raise legs and keep warm. If breathing is difficult or they are vomiting, let them sit up or lie on their side.
- If symptoms do not improve, or symptoms return, more doses of epinephrine can be given about 5 minutes or more after the last dose.
- Alert emergency contacts.
- Transport patient to ER, even if symptoms resolve. Patient should remain in ER for at least 4 hours because symptoms may return.

MILD SYMPTOMS

NOSE
Itchy or runny nose, sneezing

MOUTH
Itchy mouth

SKIN
A few hives, mild itch

GUT
Mild nausea or discomfort

FOR **MILD SYMPTOMS** FROM **MORE THAN ONE** SYSTEM AREA, GIVE EPINEPHRINE.

FOR **MILD SYMPTOMS** FROM **A SINGLE SYSTEM** AREA, FOLLOW THE DIRECTIONS BELOW:

1. Antihistamines may be given, if ordered by a healthcare provider.
2. Stay with the person; alert emergency contacts.
3. Watch closely for changes. If symptoms worsen, give epinephrine.

MEDICATIONS/DOSES

Epinephrine Brand or Generic: _____

Epinephrine Dose: ☐ 0.1 mg IM ☐ 0.15 mg IM ☐ 0.3 mg IM

Antihistamine Brand or Generic: _____

Antihistamine Dose: _____

Other (e.g., inhaler-bronchodilator if wheezing): _____

_____

PATIENT OR PARENT/GUARDIAN AUTHORIZATION SIGNATURE DATE PHYSICIAN/HCP AUTHORIZATION SIGNATURE DATE

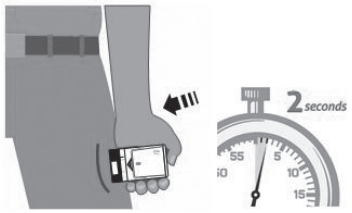
FORM PROVIDED COURTESY OF FOOD ALLERGY RESEARCH & EDUCATION (FARE) (FOODALLERGY.ORG) 5/2018

FOOD ALLERGY & ANAPHYLAXIS EMERGENCY CARE PLAN

FARE
Food Allergy Research & Education

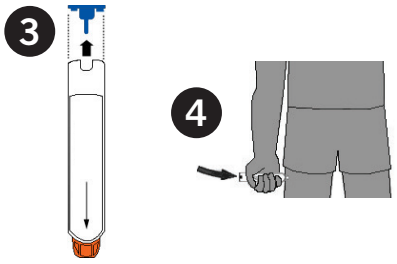
HOW TO USE AUVI-Q® (EPINEPRHINE INJECTION, USP), KALEO

1. Remove Auvi-Q from the outer case.
2. Pull off red safety guard.
3. Place black end of Auvi-Q against the middle of the outer thigh.
4. Press firmly until you hear a click and hiss sound, and hold in place for 2 seconds.
5. Call 911 and get emergency medical help right away.



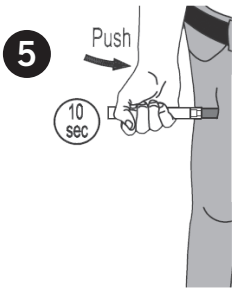
HOW TO USE EPIPEN® AND EPIPEN JR® (EPINEPHRINE) AUTO-INJECTOR AND EPINEPHRINE INJECTION (AUTHORIZED GENERIC OF EPIPEN®), USP AUTO-INJECTOR, MYLAN AUTO-INJECTOR, MYLAN

1. Remove the EpiPen® or EpiPen Jr® Auto-Injector from the clear carrier tube.
2. Grasp the auto-injector in your fist with the orange tip (needle end) pointing downward.
3. With your other hand, remove the blue safety release by pulling straight up.
4. Swing and push the auto-injector firmly into the middle of the outer thigh until it 'clicks'.
5. Hold firmly in place for 3 seconds (count slowly 1, 2, 3).
6. Remove and massage the injection area for 10 seconds.
7. Call 911 and get emergency medical help right away.



HOW TO USE IMPAX EPINEPHRINE INJECTION (AUTHORIZED GENERIC OF ADRENACLICK®), USP AUTO-INJECTOR, IMPAX LABORATORIES

1. Remove epinephrine auto-injector from its protective carrying case.
2. Pull off both blue end caps: you will now see a red tip.
3. Grasp the auto-injector in your fist with the red tip pointing downward.
4. Put the red tip against the middle of the outer thigh at a 90-degree angle, perpendicular to the thigh.
5. Press down hard and hold firmly against the thigh for approximately 10 seconds.
6. Remove and massage the area for 10 seconds.
7. Call 911 and get emergency medical help right away.



HOW TO USE TEVA'S GENERIC EPIPEN® (EPINEPHRINE INJECTION, USP) AUTO-INJECTOR, TEVA PHARMACEUTICAL INDUSTRIES

1. Quickly twist the yellow or green cap off of the auto-injector in the direction of the "twist arrow" to remove it.
2. Grasp the auto-injector in your fist with the orange tip (needle end) pointing downward.
3. With your other hand, pull off the blue safety release.
4. Place the orange tip against the middle of the outer thigh (upper leg) at a right angle (perpendicular) to the thigh.
5. Swing and push the auto-injector firmly into the middle of the outer thigh until it 'clicks'.
6. Hold firmly in place for 3 seconds (count slowly 1, 2, 3).
7. Remove and massage the injection area for 10 seconds.
8. Call 911 and get emergency medical help right away.

ADMINISTRATION AND SAFETY INFORMATION FOR ALL AUTO-INJECTORS:

1. Do not put your thumb, fingers or hand over the tip of the auto-injector or inject into any body part other than mid-outer thigh. In case of accidental injection, go immediately to the nearest emergency room.
2. If administering to a young child, hold their leg firmly in place before and during injection to prevent injuries.
3. Epinephrine can be injected through clothing if needed.
4. Call 911 immediately after injection.

OTHER DIRECTIONS/INFORMATION (may self-carry epinephrine, may self-administer epinephrine, etc.)**:**

Treat the person before calling emergency contacts. The first signs of a reaction can be mild, but symptoms can worsen quickly.

EMERGENCY CONTACTS — CALL 911

RESCUE SQUAD: _____

DOCTOR: _____ PHONE: _____

PARENT/GUARDIAN: _____ PHONE: _____

OTHER EMERGENCY CONTACTS

NAME/RELATIONSHIP: _____ PHONE: _____

NAME/RELATIONSHIP: _____ PHONE: _____

NAME/RELATIONSHIP: _____ PHONE: _____

FORM PROVIDED COURTESY OF FOOD ALLERGY RESEARCH & EDUCATION (FARE) (FOODALLERGY.ORG) 1/2019