**Emergency Kit**

**Treatment of Vaccine Anaphylaxis**

Use this kit in the event of a COVID-19 or other vaccine-related serious adverse event or anaphylactic reaction. Keep fully stocked at all times with at least the minimum quantities.

**CONTENTS**

* Adrenalin® (epinephrine) single-dose vials (1:1000 = 1mg/ml) or epinephrine adult autoinjectors – minimum 3 injectable units. ***If no epinephrine & back-ordered, suspend COVID-19 vaccine administration until supplies become available.***
* Oral diphenhydramine (dye-free liquid for faster absorption) – minimum one full 4- oz bottle plus dosing cups

* Injectable diphenhydramine 50mg/ml single-dose vials – minimum 6 vials
* Supplies include oral dose measuring cups, safety needles (25G 1” or 1.5”), syringes for IM or SQ injection, alcohol swabs
* Blood pressure cuff, stethoscope and a timing device or pulse oximeter for pulse (or digital BP cuff that measures BP and pulse)

**TREATMENT INSTRUCTIONS**

1. If anaphylactic symptoms (generalized itching, redness, hives); swelling of lips, face or throat; bronchospasm/wheezing; hypotension; cardiovascular collapse; or loss of consciousness: Call 911 and inject epinephrine.
2. Administer epinephrine auto-injector 0.3ml (adult) IM x 1 dose in anterolateral thigh. If auto-injector not available, administer Adrenalin (epinephrine) injection, 0.3ml IM in anterolateral thigh or deltoid muscle. (0.3ml = 0.3mg)
3. Then administer diphenhydramine 50mg orally or by IM injection
   1. Oral solution: 50mg = 20 ml dose IM injection: 50mg = 1ml dose
   2. Do not give PO meds if patient is not fully alert or if patient has respiratory symptoms such as wheezing.
4. If no response to epinephrine after 5 minutes, repeat epinephrine 0.3ml IM.
5. If no response to second dose after 5 minutes, repeat epinephrine 0.3ml IM dose a third time if you are still waiting for EMS to arrive.
6. Until EMS arrives, do the following:
   1. Keep patient in supine position unless he/she is having difficulty breathing. If difficulty breathing, elevate head if BP is adequate to prevent loss of consciousness.
   2. Until EMS arrives, monitor patient closely.
   3. Perform CPR and maintain airway, if necessary.
   4. Monitor BP and pulse every 5 minutes. If blood pressure is low, elevate legs.