Nearly 1 in 50 Americans have experienced a life-threatening (severe) allergic reaction

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Let's make sure you're prepared

The review or approval of this document (or of the related materials) by any state agency or department is not indicative of the state's endorsement or recommendation of any particular product or company.



Welcome to the Mylan On Location™ featuring EpiPen® (epinephrine injection, USP) Auto-Injector Training Course

You have been chosen for the very important task of helping someone who is experiencing a life-threatening (severe) allergic reaction. This special training is meant to empower you to feel confident in your ability to administer the medication needed during this type of emergency.

Your employer has chosen to possess medication for emergency life-threatening allergic reactions. Training you to recognize the signs and symptoms and respond appropriately gives both you and your employer peace of mind in case a severe allergic reaction occurs at your establishment.



EpiPen® (epinephrine injection, USP) 0.3 mg and EpiPen Jr® (epinephrine injection, USP) 0.15 mg Auto-Injectors are for the emergency treatment of life-threatening allergic reactions (anaphylaxis) caused by allergens, exercise, or unknown triggers; and for people who are at increased risk for these reactions. EpiPen® and EpiPen Jr® are intended for immediate administration as emergency supportive therapy only. Seek immediate emergency medical help right away.

Important Safety Information

Use EpiPen® or EpiPen Jr® Auto-Injectors right away when you have an allergic emergency (anaphylaxis). **Get emergency medical help right away.**



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Rarely, patients who have used EpiPen® or EpiPen Jr® may develop an infection at the injection site within a few days. Some of these infections can be serious. Call your healthcare professional right away if you have any of the following at an injection site: redness that does not go away, swelling, tenderness, or the area feels warm to the touch.

Tell your healthcare professional about all of your medical conditions, especially if you have asthma, a history of depression, thyroid problems, Parkinson's disease, diabetes, high blood pressure or heart problems, have any other medical conditions, are pregnant or plan to become pregnant, or are breastfeeding or plan to breastfeed. Be sure to also tell your healthcare professional all the medicines you take, especially medicines for asthma. If you have certain medical conditions, or take certain medicines, your condition may get worse or you may have longer lasting side effects when you use EpiPen® or EpiPen Jr®.

Common side effects include fast, irregular or "pounding" heartbeat, sweating, nausea or vomiting, breathing problems, paleness, dizziness, weakness, shakiness, headache, feelings of over excitement, nervousness or anxiety. These side effects usually go away quickly if you lie down and rest. **Tell your healthcare professional if you have any side effect that bothers you or that does not go away.**

Please see the full Prescribing Information and Patient Information.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 1-800-FDA-1088.

For additional information, please contact us at 800-395-3376.



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Factors to consider

Some patients may be at greater risk for developing adverse reactions after epinephrine administration. Despite these concerns, there are no medical conditions that do not allow the use of EpiPen® in a life-threatening anaphylactic emergency.

Therefore, patients with these conditions, and/or any other person who might be in a position to administer EpiPen® or EpiPen Jr® to a patient experiencing anaphylaxis, should be carefully instructed in regard to the circumstances under which epinephrine should be used.

Important Safety Information (continued)

Common side effects include fast, irregular or "pounding" heartbeat, sweating, nausea or vomiting, breathing problems, paleness, dizziness, weakness, shakiness, headache, feelings of over excitement, nervousness or anxiety. These side effects usually go away quickly if you lie down and rest. **Tell your healthcare professional if you have any side effect that bothers you or that does not go away.**

Through this course, you'll:

- Understand what anaphylaxis is and its causes
- Recognize the signs and symptoms to be prepared for an emergency
- Be able to properly administer EpiPen® and EpiPen Jr® (epinephrine injection, USP) Auto-Injectors

Important Safety Information

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Life - threatening allergic reactions



Section 2

Anaphylaxis (an-a-fi-lax-is):

A potentially life-threatening (severe) allergic reaction



- Signs and symptoms may vary from one event to the next
- May occur quickly (within 5 minutes) or progress over hours
- Can be life-threatening

Anaphylaxis can happen anywhere



There has been an increase in the number of people at risk for severe allergic reactions

Anaphylaxis frequently occurs outside the home:





Restaurants









Causes of anaphylaxis:

Certain foods



Peanuts

Tree nuts (walnuts, pecans, cashews)
Shellfish (shrimp, lobster)

Fish

Milk

Eggs

Wheat

Soy

Insect stings & bites



Bees Wasps Fire ants

Medication



This may include:
Penicillin
Aspirin
Ibuprofen
Cancer medication
Allergen immunotherapy

Latex



Such as:
Gloves
Condoms
Balloons
Infant pacifiers
Bottle nipples
Bandages
Rubber sports equipment

Exercise



Jogging Yard work Aerobics

People who know they have severe allergies should be prepared

An anaphylaxis action plan includes:



Avoid the common triggers of anaphylaxis



Know the alternative names of food triggers or foods containing triggers



When dining out check the menu on the restaurant's website or call ahead



Talk to the wait staff or chef



Consider carrying an allergy card



Bring epinephrine auto-injectors everywhere you go

In case of a life-threatening allergic reaction:



Inject epinephrine into the middle of the outer thigh



Call 911/emergency responders



Have a list of emergency contacts with you

But not everyone knows they have severe allergies.

Signs and symptoms of anaphylaxis

Mouth
Itching
Swelling of lips and/or tongue
Lungs
Shortness of breath
Coughing
Wheezing
Skin

Itching

HivesRedness

Swelling

4 Throat
• Itching
• Tightness/closure
• Coughing
5 Heart
• Weak pulse
• Dizziness
• Passing out
6 Stomach
• Vomiting
• Nausea

Diarrhea

Cramps

How to recognize anaphylaxis



Look for symptoms in 2 or more body systems. Here are examples of some of the body systems and symptoms you may see:

Skin and mucous membranes

- Hives
- Swelling of lips, tongue or small fleshy lobe that hangs from the roof of the mouth

Respiratory

Shortness of breath, wheezing or coughing

Digestive system (stomach, intestines)

- Cramps
- Vomiting

Epinephrine

- The ONLY primary medication for anaphylaxis
- When administered into the outer thigh muscle, it takes approximately 5 minutes to work

Epinephrine works on various body systems by:



Relaxing the airways to reduce breathing difficulties



Preventing and relieving low blood pressure and shock



Increasing the rate and force of cardiac contractions



Reducing skin irritation, such as hives and redness

If epinephrine treatment is delayed:

- Symptoms may progress quickly
- Risk of life-threatening events is increased
- There's an increased risk of a second reaction within 1-72 hours

Summary Review

Anaphylaxis

- A potentially life-threatening allergic reaction
- Is unpredictable
- Signs and symptoms may vary from one event to the next
- May occur quickly (within 5 minutes)

How to recognize anaphylaxis

Look for symptoms in 2 or more body systems

Causes of anaphylaxis

- Certain foods
- Insect stings & bites
- Medication
- Latex
- Exercise

Summary Review (continued)

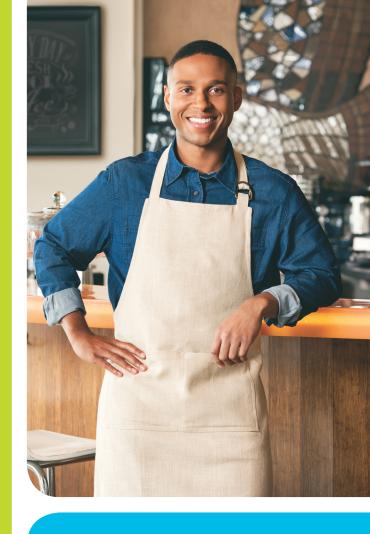
Signs and symptoms

- Swelling of lips and/or tongue
- Throat tightness
- Shortness of breath
- Weak pulse
- Dizziness
- Passing out
- Nausea/vomiting
- Itchiness near mouth

Epinephrine

- The ONLY primary medication for anaphylaxis
- Give it at the first sign or symptom
- If not administered quickly, symptoms may progress quickly
- A second anaphylactic reaction can happen 1-72 hours after the first

How to be prepared for an emergency



Section 3

In case of anaphylaxis:

- R ecognize signs and symptoms
- E nable the auto-injector (remove from case and prepare for use)
- A dminister epinephrine
- all 911/emergency responders immediate medical help or care is essential because a second (or delayed) reaction could occur in 1-72 hours
- reat again after 5 minutes, if symptoms persist
 - More than two sequential doses of epinephrine should be administered only under direct medical supervision

Signs and symptoms of anaphylaxis

Mouth Itching Swelling of lips and/or tongue Lungs Shortness of breath Coughing Wheezing Skin Itching Hives Redness Swelling

4 Throat• Itching• Tightness/closure

6 Heart

Weak pulse

Coughing

- Dizziness
- Passing out
- 6 Stomach
 - Vomiting
 - Nausea
 - Diarrhea
 - Cramps

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Anaphylaxis can progress quickly



Give epinephrine at the first sign of symptoms

In case of anaphylaxis:

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Call 911 or designate someone to call



A second reaction could occur without additional exposure to the allergen



Have the affected person:

- Lie on his or her back, and elevate their legs
 -OR-
- Assume a comfortable position, if vomiting or having trouble breathing



Stay with the person and monitor symptoms until help arrives

• Persistent symptoms may require a second dose of epinephrine

In case of anaphylaxis:

- R ecognize signs and symptoms
- nable the auto-injector (remove from case and prepare for use)
- A dminister epinephrine
- C all 911/emergency responders immediate medical help or care is essential because a second (or delayed) reaction could occur in 1-72 hours
- reat again after 5 minutes, if symptoms persist

 More than two sequential doses of epinephrine should be administered only under direct medical supervision

In case of anaphylaxis:



Monitor symptoms and provide info to first responder

- > If there is no improvement in 5 minutes or symptoms worsen, give a second dose of epinephrine
- > Take note of the estimated time of injection(s), signs and symptoms observed and initial physical state and location of the affected person
- > Upon the arrival of emergency medical services or first responders, advise them of the person's signs and symptoms before the auto-injector was given and any changes in the person's condition

More than two sequential doses of epinephrine should be administered only under direct medical supervision

> Provide used and unused epinephrine auto-injectors to first responders

EpiPen® (epinephrine injection, USP) Auto-Injectors



The #1 prescribed epinephrine auto-injector for 25+ years*



EpiPen® Auto-Injectors come in 2 strengths:



EpiPen Jr 2-Pak® (epinephrine injection, USP) 0.15 mg Auto-Injectors For children 33 lbs - 66 lbs

EpiPen 2-Pak® (epinephrine injection, USP) 0.3 mg Auto-Injectors For those weighing 66 lbs or more

*Based on IMS data from 1987- April 2015.

Important Safety Information

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How to administer EpiPen® (epinephrine injection, USP) Auto-Injectors





3 simple steps:

How to use the EpiPen® (epinephrine injection, USP) Auto-Injector



PREPARE

- Remove the EpiPen® or EpiPen Jr® from the clear carrier tube
- Flip open the yellow cap of your EpiPen® or the green cap of your EpiPen Jr® carrier tube
- Tip and slide the auto-injector out of the carrier tube
- Grasp the auto-injector in your fist with the orange tip (needle end) pointing downward
- With your other hand, remove the blue safety release by pulling straight up without bending or twisting it



Note:

- The needle comes out of the orange tip
- To avoid an accidental injection, never put your thumb, fingers or hand over the orange tip. If an accidental injection happens, get medical help right away

Important Safety Information (continued)

Only a healthcare professional should give additional doses of epinephrine if you need more than two injections for a single anaphylactic episode. EpiPen® or EpiPen Jr® should only be injected into the middle of your outer thigh (upper leg), through clothing if necessary.



3 simple steps:

How to use the EpiPen® (epinephrine injection, USP) Auto-Injector



ADMINISTER

Administer the EpiPen® or EpiPen Jr® Auto-Injector

If you are administering EpiPen® or EpiPen Jr® to a young child, hold the leg firmly in place while administering an injection

- Blue to the sky, orange to the thigh
- Place the orange tip against the middle of the outer thigh (upper leg) at a right angle (perpendicular) to the thigh
- Swing and push the auto-injector firmly until it "clicks". The click signals that the injection has started
- Hold firmly in place for 3 seconds (count slowly 1,2,3). The injection is now complete
- Remove the auto-injector from the thigh. The orange tip will extend to cover the needle. If the needle is still visible, do not attempt to reuse it.
- Massage the injection area for 10 seconds





Important Safety Information (continued)

Do not inject into your veins, buttocks, fingers, toes, hands or feet. Hold the leg of young children firmly in place before and during injection to prevent injuries. In case of accidental injection, please seek immediate medical treatment.

3 simple steps:

How to use the EpiPen® (epinephrine injection, USP) Auto-Injector



GET EMERGENCY MEDICAL HELP NOW

Further medical attention may be needed. A second EpiPen® or EpiPen Jr® Auto-Injector may be needed if symptoms continue or recur.

The affected person should:

- Take the used auto-injector with them when he or she goes to see a healthcare professional
- Tell the healthcare professional he or she received an injection of epinephrine. Show the healthcare professional where he or she received the injection
- Give the used EpiPen® or EpiPen Jr® Auto-Injector to the healthcare professional for inspection and proper disposal

Important Safety Information (continued)

Rarely, patients who have used EpiPen® or EpiPen Jr® may develop an infection at the injection site within a few days. Some of these infections can be serious. Call your healthcare professional right away if you have any of the following at an injection site: redness that does not go away, swelling, tenderness, or the area feels warm to the touch. If you have certain medical conditions, or take certain medicines, your condition may get worse or you may have longer lasting side effects when you use EpiPen® or EpiPen Jr®

Important information for administration

- The EpiPen® Auto-Injector has a yellow-colored label
- The EpiPen Jr® Auto-Injector has a green-colored label
- The EpiPen® Trainer has a grey color, and contains no medicine and no needle
- The auto-injector is designed to work through clothing
- The blue safety release on the EpiPen® and EpiPen Jr® Auto-Injectors helps to prevent accidental injection of the device. Keep the blue safety release on until you need to use it

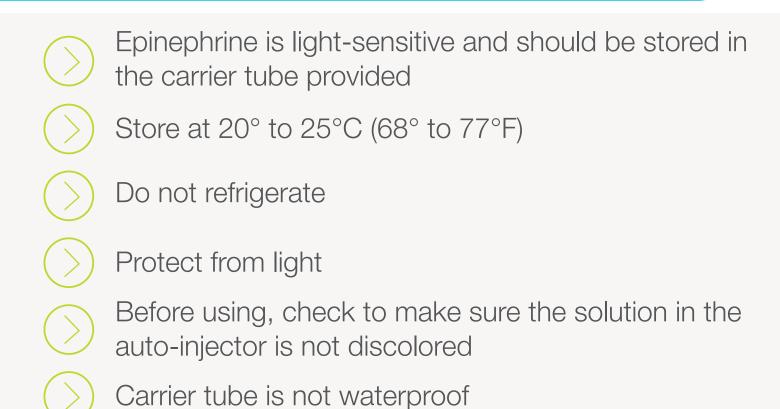
- Only inject into outer thigh. Never inject into any other part of the body
- Never put your thumb, fingers or hand over the orange tip. The needle comes out of the orange tip
- If an accidental injection happens, get medical help right away
- Do not place patient information or any other foreign objects in carrier with the Auto-Injector, as this may prevent you from removing the Auto-Injector for use

Important Safety Information (continued)

Tell your healthcare professional about all of your medical conditions, especially if you have asthma, a history of depression, thyroid problems, Parkinson's disease, diabetes, high blood pressure or heart problems, have any other medical conditions, are pregnant or plan to become pregnant, or are breastfeeding or plan to breastfeed.



How to store EpiPen®



Important Safety Information (continued)

Be sure to also tell your healthcare professional all the medicines you take, especially medicines for asthma. If you have certain medical conditions, or take certain medicines, your condition may get worse or you may have longer lasting side effects when you use EpiPen® or EpiPen Jr®.



Summary Review

In case of anaphylaxis, it's important to:

- Recognize signs and symptoms
- Enable the auto-injector (remove from case and prepare for use)
- Administer epinephrine
- Call 911/emergency responders immediate medical help or care is essential because a second (or delayed) reaction could occur in 1-72 hours
- Treat again after 5 minutes, if symptoms persist
 - More than two sequential doses of epinephrine should be administered only under direct medical supervision

Using an EpiPen® Auto-Injector

- Prepare
- Administer
- Get emergency medical help

Storing an EpiPen® Auto-Injector

- Store EpiPen® Auto-Injectors in the carrier tube provided
- Check to make sure the solution in the auto-injector is not discolored

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For additional information, please contact us at 800-395-3376.



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