

CONSENT

INTRODUCTION

The following Training Module is part of your continuing education as a Chicago Police Department Officer and support staff. It is also part of a research study being conducted by ***. The purpose of the study is to better understand the knowledge and attitudes of non-medical personnel regarding Cardio-Pulmonary Resuscitation (CPR) and to assess whether or not the accompanying educational video is effective in teaching about new methods of CPR.

CONTENTS

The Training Module consists of: one 10 minute survey, followed by one 10 minute Training Video, then another 10 minute survey. Total time to complete the Training Module should be about 30 minutes.

CONFIDENTIALITY

This study is confidential. You will not be asked for your name. We do ask for you to enter your birth date followed by your initials. This will become your survey identifier so pre and post surveys can be accurately compared. The results of the survey will be kept by ***. The overall results of the study may be published but you will never be identified. There are no physical risks associated with participating in this study. You could potentially become uncomfortable answering the questions. There are no financial benefits to you from your participation. You will gain important knowledge about CPR by watching the video. We also hope that your participation in this study will improve our ability to teach about resuscitation and ultimately, save more lives.

QUESTIONS / COMMENTS

Any questions you have about this study may be directed to the principal investigator ***.

Thank you for participating. We greatly value your opinion as an Officer in the Chicago Police Department, and we thank you for your service to the City of Chicago.

Demographic Information

***1. Please enter your birthday, followed by your initials in the following format: mmddyyFML. For example, if your birthday is June 8, 1960 and your name is John Q Smith, your number would be: 060860JQS. Please use leading zeros (i.e., June 8 should be "0608" not "68").**

Please don't use dashes or slashes. Please enter it exactly the same way on the post-test.

***2. What is your age (in years)?**

***3. What is your gender?**

- Female
 Male

***4. What is your highest education level?**

- Some college education
- Associates degree
- Bachelors degree
- Masters degree
- Doctorate (MD, PhD, JD, DO, etc.)

Other (please specify)

***5. How many years have you served as a CPD officer?**

***6. Have you ever been formally certified in Cardiopulmonary Resuscitation (CPR) with a training course (e.g. from the American Heart Association)?**

- No
- Yes, and I'm currently certified
- Yes, but my certification ended < 1 year ago
- Yes, but my certification ended 1 to < 2 years ago
- Yes, but my certification ended 2 to < 5 years ago
- Yes, but my certification ended 5 to < 10 years ago
- Yes, but my certification ended 10 to < 15 years ago
- Yes, but my certification ended 15 or more years ago

***7. Have you ever (either on-duty or off-duty) performed MOUTH-TO-MOUTH VENTILATION on a real person who has collapsed?**

- No
- Yes, 1 time
- Yes, 2-3 times
- Yes, 4-10 times
- Yes, 11-15 times
- Yes, 16-20 times
- Yes, > 20 times

***8. Have you ever (either on-duty or off-duty) performed CHEST COMPRESSIONS on a real person who has collapsed?**

- No
- Yes, 1 time
- Yes, 2-3 times
- Yes, 4-10 times
- Yes, 11-15 times
- Yes, 16-20 times
- Yes, > 20 times

***9. Have you ever (either on-duty or off-duty) used an Automated External Defibrillator (AED) on a real person who has collapsed?**

- No
- Yes, 1 time
- Yes, 2-3 times
- Yes, 4-10 times
- Yes, 11-15 times
- Yes, 16-20 times
- Yes, > 20 times

SURVEY B

***1. Consider the following scenario: You encounter an adult who has collapsed and is unresponsive. You are alone. How likely are you to perform MOUTH-TO-MOUTH VENTILATION if the collapsed person is a:**

	Very Likely	Likely	Neutral	Unlikely	Very Unlikely
Family member / Friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Co-worker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stranger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person of the opposite gender	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person with blood, vomit, or rash around their mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

***2. Now consider the same scenario. You encounter an adult who has collapsed and is unresponsive. You are alone. How likely are you to perform CHEST COMPRESSIONS if the collapsed person is a:**

	Very Likely	Likely	Neutral	Unlikely	Very Unlikely
Family member / Friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Co-worker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stranger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person of the opposite gender	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person with blood, vomit, or rash around their mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

***3. Now consider the same scenario. You encounter an adult who has collapsed and is unresponsive. You are alone. How likely are you to look for and use an AUTOMATED EXTERNAL DEFIBRILLATOR (AED) if the collapsed person is a:**

	Very Likely	Likely	Neutral	Unlikely	Very Unlikely
Family member / Friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Co-worker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stranger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person of the opposite gender	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Person with blood, vomit, or rash around their mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comment (optional)

***4. Consider the following scenario:**

An adult suddenly collapses and has no heart beat. Assume that NO CPR is done.

How much does chance of survival DECREASE for every minute that passes?

- 1% decrease per minute
- 2% decrease per minute
- 5% decrease per minute
- 10% decrease per minute
- 25% decrease per minute
- 50% decrease per minute
- 75% decrease per minute
- 100% decrease in one minute

***5. Consider the following scenario:**

An adult suddenly collapses and has no heart beat. A concerned bystander gives:

TRADITIONAL CPR (Mouth-to-mouth ventilations PLUS Chest compressions).

How much does TRADITIONAL CPR change chances of survival compared to no CPR?

- Traditional CPR **WORSENS** chances of survival by **4x**
- Traditional CPR **WORSENS** chances of survival by **2x**
- Traditional CPR has **NO EFFECT** on chances of survival
- Traditional CPR **IMPROVES** chances of survival by **2x**
- Traditional CPR **IMPROVES** chances of survival by **4x**

***6. Consider the following scenario:**

An adult suddenly collapses and has no heart beat. A concerned bystander gives:

MOUTH-TO-MOUTH VENTILATION only (without Chest Compressions).

How much does MOUTH-TO-MOUTH VENTILATION by itself change chances of survival compared to no CPR?

- Mouth-to-mouth ventilation by itself **WORSENS** chances of survival by **4x**
- Mouth-to-mouth ventilation by itself **WORSENS** chances of survival by **2x**
- Mouth-to-mouth ventilation by itself has **NO EFFECT** on chances of survival
- Mouth-to-mouth ventilation by itself **IMPROVES** chances of survival by **2x**
- Mouth-to-mouth ventilation by itself **IMPROVES** chances of survival by **4x**

***7. Consider the following scenario:**

An adult suddenly collapses and has no heart beat. A concerned bystander gives:

CHEST COMPRESSIONS only (without Mouth-to-Mouth Ventilation).

How much do CHEST COMPRESSIONS by themselves change chances of survival compared to no CPR?

- Chest Compressions by themselves **WORSEN** chances of survival by **4x**
- Chest Compressions by themselves **WORSEN** chances of survival by **2x**
- Chest Compressions by themselves have **NO EFFECT** on chances of survival
- Chest Compressions by themselves **IMPROVE** chances of survival by **2x**
- Chest Compressions by themselves **IMPROVE** chances of survival by **4x**

***8. What specific effect does an Automated External Defibrillator (AED) have on the heart?**

- Enhances the valve function of the heart
- Shocks the heart to start beating normally
- Mechanically pushes blood in and out of the heart
- Warms the heart to improve pump function
- Directly decreases toxic substances in the heart

***9. In addition to its effect on the heart, what other direct action(s) does the Automated External Defibrillator (AED) perform?**

(Check ALL answers that you feel are true OR check "None of the above.")

- Enhances brain wave function
- Kills bacteria in the body
- Performs ventilations
- Performs chest compressions
- Provides electrolytes like sodium and potassium
- Rehydrates someone who has lost a lot of fluids
- Stimulates the liver to regenerate

- None of the above

***10. Please indicate whether the following interventions should be performed by:**

Trained Medical Professionals ONLY (e.g. doctors, nurses, paramedics, etc.)

OR

Trained Medical Professionals AND Certified People (with active CPR certification)

OR

Anyone

	Trained Professionals ONLY	Trained Professionals AND Certified People	Anyone
Chest compressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dialing 9-1-1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doing the Heimlich Maneuver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mouth-to-mouth ventilation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Operating an Automated External Defibrillator (AED)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

***11. What is the optimal RATE of chest compressions for an adult victim (i.e. how fast do you push)?**

- | | |
|---|---|
| <input type="radio"/> 200 compressions per minute | <input type="radio"/> 100 compressions per minute |
| <input type="radio"/> 150 compressions per minute | <input type="radio"/> 75 compressions per minute |
| <input type="radio"/> 125 compressions per minute | <input type="radio"/> 50 compressions per minute |

***12. What is the optimal DEPTH of chest compressions for an adult victim (i.e., how deep do you push the chest down)?**

- | | |
|--------------------------------|--------------------------------|
| <input type="radio"/> 5 inches | <input type="radio"/> 1 inch |
| <input type="radio"/> 4 inches | <input type="radio"/> 1/2 inch |
| <input type="radio"/> 2 inches | <input type="radio"/> 1/4 inch |

***13. Consider the following scenario: You are called to the scene where an adult has collapsed and is unresponsive.**

Indicate the importance of each of the following actions:

	Essential	Important	Somewhat Important	Not Important
Calling for ambulance dispatch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doing mouth-to-mouth ventilation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establishing scene safety	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding and operating an Automated External Defibrillator (AED)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Starting chest compressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

***14. Consider the following scenario: You are called to the scene where an adult has collapsed and is unresponsive. You are alone.**

Indicate the proper order in which to perform the following actions:

	Do First	Do Second	Do Third	Do Fourth	Do Last (if time)
Chest Compressions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mouth-to-Mouth Ventilation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure scene safety	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Initiate ambulance dispatch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Locate and use an Automated External Defibrillator (AED)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

***15. Consider the following scenario: You are with your partner. You are called to the scene where an adult has collapsed and is unresponsive.**

Which of the following is the BEST course of action?

- You start chest compressions while your partner looks for an AED. If your partner can't find an AED, he/she alternates with you in doing chest compressions.
- You start mouth-to-mouth ventilation while your partner looks for an AED. If your partner can't find an AED, he/she alternates with you in doing mouth-to-mouth ventilation.
- You start mouth-to-mouth ventilation while your partner waits until you get tired to take over.
- You start mouth-to-mouth ventilation for 1 minute, then your partner does chest compressions for 1 minute, and you continue repeating this cycle.
- You start chest compressions for 1 minute, then your partner does mouth-to-mouth ventilation for 1 minute, and you continue repeating this cycle.

PLEASE READ INSTRUCTIONS BELOW BEFORE CONTINUING

Now that you have finished 15 questions, please watch the training video now.

When you have finished watching the video, please go on to the next survey (it will start with Question 1). **You may use what you learned in the video to help you answer the questions in this next survey.**

Please note some of the questions and the answer choices are the same as the first survey and some are not. Read the questions and answers carefully before responding.