

Dear friends,

In order to have a deeper understanding of public knowledge and attitudes toward cardiopulmonary resuscitation (CPR), as well as willingness to perform CPR under different scenarios, we hereby conduct this research and hope to get your support and cooperation. Your answers are only for the statistical analysis of the researcher. There is no correct or incorrect answer to each question, and the questions do not involve personal privacy, nor any impact on your work and life. We promise to keep all information confidential. Therefore, you are supposed to answer carefully and truthfully in accordance with the instructions, or make such judgment as you think appropriate. The truthfulness of your answers is very important to the accuracy of our research. Thank you for your cooperation! **(If you don't want to fill in the form, just quit.)**

Demographic characteristics

1. Gender:

Male Female

2. Age(years):

<18 18-25 26-35 36-45 56-55 ≥56

3. Education level

Primary school Junior high school High school

Associate's degree Bachelor's degree Master's degree or above

4. Occupation:

Medical-related Non-medical-related

5. Health condition:

Very poor Poor General Good

6. Do you have any family member with life-threatening diseases?

Yes No

7. Have you ever encountered someone in need of cardiopulmonary resuscitation (CPR) performance out of hospital?

Yes No

Part.1 Knowledge and attitudes toward CPR.

Instruction: Please choose the answer you think is most suitable according to the degree of the following description and your actual situation.

1. Do you understand what is cardiopulmonary resuscitation (CPR)?

Yes No

2. Would you like to learn CPR knowledge?

Yes No Do not know/Haven't thought about it

3. Reasons for learning CPR (multiple-choice):

A family history of cardiac arrest

Avoiding unnecessary death

Helping others

Other

4. Would you like to disseminate CPR knowledge?

Yes No Don't know/Haven't thought about it

5. What is your opinion on developing CPR training courses in university?

It should be compulsory for all students

It should be optional for all students

It should be compulsory for medical-related students

Do not support CPR training courses in university

6. How important do you think chest compression is for cardiac arrest patients?

Uncertain Not important Not very important Very important

7. How important do you think mouth-to-mouth ventilation is for patients suffered cardiac arrest?

Uncertain Not important Not very important Very important

8. Have you ever received any training in CPR?

Yes No

9. The reasons that you have not received CPR training (multiple-choice):

- Not paying attention to or thinking about it
- Want but do not know where to learn
- No place for free training
- Too busy with work and study to learn
- Want to learn, but do not want to take examination after training

10. Your confidence in performing CPR in the event of an emergency out of hospital is (1 for "not confident at all", 10 for "very confident") :

pre-online CPR training: 1 2 3 4 5 6 7 8 9 10

post-online CPR training: 1 2 3 4 5 6 7 8 9 10

Part.2 Willingness to perform CPR in eight hypothetical scenarios

Instruction: In the following questionnaire, different scenarios are set respectively. Please check the answer you think is the most suitable according to the degree of the following description and your actual situation.

A complete male stranger, who is around 18-50 years old, has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR to him?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of chest compression
- Lack of confidence
- Unwilling to touch strangers

- Nervousness and fear
- Fear of harming the victim
- None of my business
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch strangers
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- The stranger being male
- Feel sick
- Other

A complete female stranger, who is around 18-50 years old, has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR to her?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to her?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of chest compression

Lack of confidence

Unwilling to touch strangers

Nervousness and fear

Fear of harming the victim

None of my business

Other

4. The reason you don't want to perform mouth-to-mouth ventilation

(Multiple-choice):

Fear of causing trouble (legal trouble)

Fear of disease transmission

Poor knowledge of mouth-to-mouth ventilation

Lack of confidence

Unwilling to touch strangers

Nervousness and fear

Fear of harming the victim

None of my business

Feel embarrassed

The stranger being female

Feel sick

Other

A complete old stranger (regardless of gender) has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR to him/her?

Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him/her?

Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

Fear of causing trouble (legal trouble)

Fear of disease transmission

- Poor knowledge of chest compression
- Lack of confidence
- Unwilling to touch strangers
- Nervousness and fear
- Fear of harming the victim
- None of my business
- The stranger being old
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch strangers
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- The stranger being old
- Feel sick
- Other

A close family member (parents/sisters/brothers) has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR to him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of disease transmission
- Poor knowledge of chest compression
- Lack of confidence
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation (Multiple-choice):

- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch others
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- Feel sick
- Other

A general relative has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR for him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of disease transmission
- Poor knowledge of chest compression

- Lack of confidence
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation

(Multiple-choice):

- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch others
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- Feel sick
- Other

A friend has suffered cardiac arrest and needs immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR for him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of chest compression
- Lack of confidence
- Unwilling to touch others

- Nervousness and fear
- Fear of harming the victim
- None of my business
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation

(Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch others
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- Feel sick
- Other

At the scene of the traffic accident, a person, badly injured and bleeding with wounds, is in need of immediate CPR. You are the first witness without any other helpers.

1. Will you perform chest compression-only CPR for him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

2. Will you perform standard CPR (including chest compression and mouth-to-mouth ventilation) to him/her?

- Absolutely yes Maybe yes Maybe no Absolutely no

3. The reason you don't want to perform CPR (Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of chest compression
- Lack of confidence

- Unwilling to touch strangers
- Nervousness and fear
- Fear of harming the victim
- None of my business
- The stranger being injured and bleeding
- Other

4. The reason you don't want to perform mouth-to-mouth ventilation

(Multiple-choice):

- Fear of causing trouble (legal trouble)
- Fear of disease transmission
- Poor knowledge of mouth-to-mouth ventilation
- Lack of confidence
- Unwilling to touch strangers
- Nervousness and fear
- Fear of harming the victim
- None of my business
- Feel embarrassed
- The stranger being injured and bleeding
- Feel sick
- Other