**Appendix for online publication**

**A1: Search strategy**

**A2: Survey questions**

**A3: Interview questions**

**A1: Search strategy**

PubMed was systematically searched between 17 February 2021 and 9 April 2021 for articles about the effects of the COVID-19 pandemic on out-of-hospital resuscitations. This literature search was done with the following MeSH terms: “COVID-19”, “SARS-CoV-2”, “Resuscitation”, “Cardiopulmonary Resuscitation” and “Out-of-Hospital Cardiac Arrest”.

The following search strategy was used:

(("COVID-19" [MeSH] OR "SARS-CoV 2" [MeSH] OR "COVID-19" OR "SARS-CoV 2") AND ( "Resuscitation" [MeSH] OR "Cardiopulmonary Resuscitation" [MeSH] OR "resuscitation" OR "cardiopulmonary resuscitation") AND ("Out-of-Hospital Cardiac Arrest" [MeSH] OR "out-of-hospital cardiac arrest"))

Non-English studies and studies about in-hospital resuscitations were excluded. Systematic reviews and meta-analyses were also excluded, because these kinds of articles use data from articles that are already identified with the search strategy.

Two researchers (RC, JZ) independently scanned titles, abstracts, and full texts of the studies. In case of disagreement, a discussion followed until full consensus was reached.

**A2: Survey questions**

**General questions**

1) What is your sex?

a. Male

b. Female

c. I do not want to say

2) What is your age?

Open question

**Questions about earlier resuscitations**

3) Did you previously resuscitate someone before the corona pandemic?

a. Yes

b. No, but I did previously contribute in another way to a resuscitation

c. No, and I did not previously contribute in another way to a resuscitation

4) Before the resuscitation for which you have been approached, did you resuscitate someone during the corona pandemic?

a. Yes

b. No, but I did previously contribute in another way to a resuscitation

c. No, and I did not previously contribute in another way to a resuscitation

**Questions about the impact of the corona pandemic**

5) To which extent do you agree or disagree with the following statement: I considered not performing resuscitation because of the corona pandemic.

a. Strongly disagree

b. Disagree

c. Neither disagree nor agree

d. Agree

e. Strongly agree

6) Can you explain your previous answer?

Open question

**Questions about COVID-19**

7) Did people close to you have COVID-19 before the resuscitation?

a. Yes

b. No

c. I do not want to say anything about this

8) Did you have COVID-19 before the resuscitation?

a. Yes

b. No

c. I do not want to say anything about this

9) If so, on a scale of 1 to 10, how bad did you experience the corona symptoms? 1 is ‘I experienced no symptoms’ and 10 is ‘I experienced the symptoms as extremely bad’.

a. 1

b. 2

c. 3

d. 4

e. 5

f. 6

g. 7

h. 8

i. 9

j. 10

**Questions about contracting and spreading the coronavirus**

10) Were you concerned about contracting the coronavirus during the resuscitation?

a. No, absolutely not

b. No, not really

c. Neutral

d. Yes, a bit

e. Yes, absolutely

11) Were you concerned about spreading coronavirus that you could have contracted during the resuscitation, to family members or other loved ones?

a. No, absolutely not

b. No, not really

c. Neutral

d. Yes, a bit

e. Yes, absolutely

**Questions about the surroundings**

12) To which extent do you agree or disagree with the following statement: People in the surroundings of the drowning victim have influenced my decision to resuscitate.

a. Strongly disagree

b. Disagree

c. Neither disagree nor agree

d. Agree

e. Strongly agree

13) Can you explain your previous answer?

Open question

**Questions about successful resuscitating**

14) Did you know before the resuscitation how big the chance is to successfully resuscitate a drowning victim in XXX? Enter the percentage in the box on the right if you answer ‘yes’.

a. No, I did not know

b. Yes, … (open question)

**Questions about resuscitation guidelines**

15) To which extent do you agree or disagree with the following statement: I was aware of the adapted resuscitation guidelines of XXX of the summer of 2020?

a. Strongly disagree

b. Disagree

c. Neither disagree nor agree

d. Agree

e. Strongly agree

16) To which extent do you agree or disagree with the following statement: These adapted resuscitation guidelines were clear to me.

a. Strongly disagree

b. Disagree

c. Neither disagree nor agree

d. Agree

e. Strongly agree

f. I did not know that there were adapted resuscitation guidelines

**Questions about resuscitation techniques**

17) Which resuscitation techniques did you perform during the resuscitation?

a. Assessing vital signs

b. Calling the police

c. Enable bystanders

d. Performing mouth-to-mouth resuscitation

e. Applying the Sellick manoeuvre

f. Giving chest compressions

g. Using the AED

**Questions about the corona pandemic**

18) Would you have acted differently at the resuscitation if there had not been a corona pandemic?

a. Yes

b. No

19) Can you explain your previous answer?

Open question

**Questions about mouth-to-mouth resuscitation**

20) Did you know before the resuscitation how big the chance is to contract the coronavirus if you perform mouth-to-mouth resuscitation? Enter the percentage in the box on the right if you answer ‘yes’.

a. No, I did not know

b. Yes, … (open question)

**Questions about emotions**

21) What emotion(s) did you experience after the resuscitation?

Open question

22) Can you explain your previous answer?

Open question

**Questions about a similar situation**

23) If you ended up in a similar situation in the future, would you or would you not resuscitate?

Open question

24) Can you explain your previous answer?

Open question

25) If you ended up in a similar situation in the future, would you or would you not act differently at the resuscitation?

Open question

26) Can you explain your previous answer?

Open question

**Questions about contracting COVID-19**

27) Did you get corona after the resuscitation?

a. Yes

b. No

c. I do not want to say anything about this

28) If you answered the previous question with ‘yes’, is this because of the resuscitation?

a. Yes, I am sure

b. Yes, I think so

c. I do not know

d. No, I do not think so

e. No, I am sure not

f. Not applicable

**Final questions**

29) Is there anything you would like to add?

Open question

**A3: Interview questions**

**Questions about the relationship with the drowning victim**

1) How did you experience the first physical contact with the drowning victim?

(Alternative phrasing: How did it feel for you to touch the drowning victim for the first time?)

2) Did you or did you not use tools, such as a resuscitation mask, to make contact with the drowning victim?

(Alternative phrasing: To what extent did you use tools, such as a resuscitation mask, to touch the drowning victim for the first time?)

3) How did you experience the physical contact with the drowning victim during the rest of the resuscitation?

(Alternative phrasing: How did it feel for you to touch the drowning victim during the rest of the resuscitation?)

**Questions about the relationship with other first-aiders (colleagues)**

4) How did you feel about staying close to other first-aiders whilst you were working on the same resuscitation?

(Alternative phrasing: How did you experience the collaboration with other first-aiders while you were standing close to each other during the resuscitation?)

**Questions about the relationship with bystanders**

5) To what extent did nearby bystanders influence the way in which you performed the resuscitation?

(Alternative phrasing: To what extent were your actions influenced by nearby bystanders?)

**Questions about reflecting upon the interaction with others**

6) Looking back on the resuscitation, what would you have done differently in your interaction with the drowning victim, other first-aiders, and bystanders?

(Alternative phrasing: If you were back at the resuscitation, how would you have dealt differently with the drowning victim, other first-aiders, and bystanders?)

**Closing questions**

7) Is there something else that you would like to say?

(Alternative phrasing: Would you like to add something to your story?)