SARSControl Delphi study draft interview questions

Deliverable 8.4- SARSControl project
“Interview questions ready for comments”
18 August 2006

Lulu Hjarnø¹, Ahmed M. Syed¹, Arja R. Aro¹, Ralf Reintjes², Ralf Krumpkamp²

¹SDU (University Of Southern Denmark)
²HAW (Hamburg University of Applied Science)
Draft questionnaire for Delphi round 1:
(For comments by WP leaders of the SARSControl project)

This draft questionnaire was developed for the first round of the Delphi study by WP 8 as part of the SARSControl project. The work of WP 8 builds on the work of the other WPs of the project and we kindly ask you to comment on the draft questions. Please feel free to add relevant questions you might have from the work done in your respective work packages so far.

Instructions:
1. Please review and answer the questions as your country’s national expert.
2. Please make comments on any issue you wish. Feel free to suggest clarifications, argue in favour of or against issues, ask questions.
3. Please rate the level of agreement of issues according to the rating scale enclosed.
4. Please answer the questionnaire based on your county’s latest pandemic plan

Appendix 1: Description of WHO’s pandemic phases

Please state if your country has an operational national preparedness plan specifically for SARS.

<table>
<thead>
<tr>
<th>Yes</th>
<th>NO</th>
</tr>
</thead>
</table>

Please state if your country has an operational national preparedness plan for pandemic influenza.

<table>
<thead>
<tr>
<th>Yes</th>
<th>NO</th>
</tr>
</thead>
</table>

Please state if your current influenza plan has replaced your SARS preparedness plan

<table>
<thead>
<tr>
<th>Yes</th>
<th>NO</th>
</tr>
</thead>
</table>

Animal and human surveillance:
Please state to what extent you agree with the following statements

<table>
<thead>
<tr>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4 5 6 7 8 9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Veterinary and health authorities/services need to cooperate and coordinate in order to detect new outbreaks of diseases in animals with active searches in humans (surveillance).

2. There is a need for a joint operational outbreak procedures between health and veterinary authorities in case of a pandemic outbreak.

Comments:
___________________________________________________________________________________
___________________________________________________________________________________
___________________________________________________________________________________

Cooperation within the EU/EC and direct neighbouring countries
Please state to what extent you agree with the following statement?

<table>
<thead>
<tr>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4 5 6 7 8 9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Countries should to be aware of the pandemic plans of direct neighbouring countries, in order to collaborate in case of an outbreak (e.g. travel restrictions, clinical care).

Comments:
___________________________________________________________________________________
___________________________________________________________________________________
___________________________________________________________________________________

Roles and responsibilities of the central and regional levels:
Some preparedness plans have been produced by the central government without sufficient involvement of the regional and local levels, and verity exists in the prevalence of separate regional preparedness plans, which might affect the operational efficacy of the national plans.
Please state to what extent you agree with the following statements

4. There is a need for regional levels to be involved in formulating the national pandemic plans
5. There is a need for separate regional plans in my country
6. There is a need to monitor the development and completion of local and regional plans
7. The distribution of roles and responsibilities between the national level and the local/regional levels are clearly defined in my country’s pandemic plan
8. National institutions have to assist the regional/local levels and health care facilities to be prepared for pandemic infections

Comments:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Testing of national pandemic plans:
Please state to what extent you agree with the following statements

9. It is necessary to test national pandemic plans in order to put them into practice
10. It is necessary to test national pandemic plans in order to predict their effectiveness in case of an outbreak

Please indicate the time interval relevant for testing the plans?

11. Every ½ 1 2 3 4 5 year

Comments:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Laboratory testing capacities
Please state to what extent you agree with the following statements

12. Countries should measure their anticipated needs in terms of laboratory supplies and staffing, in order to enable prioritisation for testing during the different phases of a pandemic
13. The above statement has been addressed in my country’s pandemic plan

Comments:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Surveillance indicators:
There is a need to include clear guidance for surveillance and monitoring of key indicators (e.g. Stock of relevant equipment, HCWs, staff to maintain community services) in the different pandemic phases in order to enable the healthcare system to cope during a pandemic period.

Please list the 5 most important indicators relevant for your country.
1.________________________________________________________________________________________
2.________________________________________________________________________________________
3.________________________________________________________________________________________
4.________________________________________________________________________________________
5.________________________________________________________________________________________

Comments:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________
**Storage and distribution of antiviral drugs:**
Please state to what extent you agree with the following statements:

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>There is a need for stockpiling of antiviral drugs in the inter-pandemic period</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>There is a need for a priority list of (high risk) groups that should receive antiviral medicine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Countries should plan how to distribute and monitor the administration of medicine to (high risk) groups</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:_________________________________________________________________________________________________
___________________________________________________________________________________________________________
___________________________________________________________________________________________________________

Please state to what extent you agree with the following statements according to the different pandemic periods of the WHO (appendix 1)

In the **pandemic period** it’s necessary to offer:

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Antiviral treatment for all cases (suspected and probable)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Antiviral treatment for serious cases (e.g. hospitalised)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Antiviral prophylaxis of whole population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Antiviral prophylaxis for healthcare workers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Antiviral prophylaxis for healthcare workers and other high risk groups</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:_________________________________________________________________________________________________
___________________________________________________________________________________________________________
___________________________________________________________________________________________________________

In the **pandemic alert period** - with cases detected in neighbouring countries it’s necessary to offer:

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Antiviral prophylaxis of whole population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Antiviral prophylaxis for healthcare workers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Antiviral prophylaxis for healthcare workers and other high risk groups</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:_________________________________________________________________________________________________
___________________________________________________________________________________________________________
___________________________________________________________________________________________________________

**Vaccine strategies:**
Vaccination strategies are an essential part of preparedness planning for infectious pandemic diseases. Please state to what extent you agree with the following statements?

In a **pre-pandemic period** it’s necessary to offer:

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Vaccination with pre-pandemic vaccine* to the whole population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Vaccination of children only with pre-pandemic vaccine*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Vaccination of high-risk groups with pre-pandemic vaccine*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Presumably lower efficacy, as not optimised to pandemic strain

Comments:_________________________________________________________________________________________________
___________________________________________________________________________________________________________
___________________________________________________________________________________________________________
In a **pandemic period** it’s necessary to offer:

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Vaccination of the whole population after the first wave**</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>30</td>
<td>Vaccination of high risk groups (e.g. elderly and people with COPD) after first wave**</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>31</td>
<td>Vaccination of children only after the first wave **</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>** well matched vaccine to pandemic strain</td>
<td>Comments:</td>
<td>________________________________________________________________________</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>The demand for vaccine supply - as stated in your countries national pandemic plan – is met by a plan of production or procurement</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

**Triage policy**

Procedures for triage need to be in place early in the planning phase in order to limit ethical issues and inefficiencies in the response phase. Please state to what extend you agree with the following statement

<table>
<thead>
<tr>
<th></th>
<th>completely disagree</th>
<th>do not agree/nor disagree</th>
<th>completely agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>It is necessary to have a detailed triage plan (e.g. telephone hotlines, special care centers etc) in place in the planning phase (inter-pandemic period)</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

Comments:________________________________________________________________________

**Impact on health care system:**

34 During an epidemic the health care systems will be confronted with a number of challenges (such as shortage of human resources, infection control methods, scarcity of health care facilities). Please list the 3 most important challenges relevant for your country.

1. 
2. 
3. 
Other relevant challenges:

During an epidemic the health care facilities will be confronted with a number of challenges (such as shortage of health care personal, infection control facilities, scarcity of health care equipment etc.). Please list the 3 most important challenges relevant for your country.

1. 
2. 
3. 
Other relevant challenges:

Comments:________________________________________________________________________

**Triage** is a system used by medical or emergency personnel to ration limited medical resources when the number of injured needing care exceeds the resources available to perform care so as to treat the greatest number of patients possible.