**RRT Advanced Training Package**

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**A1.3b One Health case study: strange disease kills in Alpha country**

**Participant guide**

**Learning objectives:**

* Identify the skills needed to investigate a public health event at the human animal interface
* Describe intersectoral mechanisms/agreements/plans that should be in place for the management of a public health event at the human animal interface
* Propose ways to enhance multisectoral collaboration for management of public health events at the human animal interface.

**Instructions:**

* Participants will work in groups.
* Reading the scenario
* Discussing and answering questions in group
* Presenting findings in plenary
* Wrap-up by facilitator

**The scenario**

The son of a livestock herdsman in the Mu Province of country Alpha has been hospitalized at a local hospital after a 2-day history of fever and bleeding manifestations.

One week later the hospital recorded an unusual increase to 12 patients that have shown similar symptoms and aetiology of disease. Nine of them died including the first case.

Unofficial reports indicate that the “strange disease” may be linked to the death of livestock in the same province, that is known to be a major livestock trading hub for herders in the region and neighbouring countries. Heavy rainfalls make the situation particularly worse for the rural population of which 60% relies on raising livestock and subsistence farming.

As a Rapid Response Team, you are asked to investigate the situation.

**Questions**

1. What skills are needed to investigate the situation? Which sectors may have staff with the desired skills?

***Imagine now, this event takes place in your country:***

2. How are the different sectors collaborating?

* 1. at the institutional level?
  2. on the field?

3. Are there any collaboration mechanisms or agreements already in place, or needed?

4. Who is responsible for what in the response team? What are the challenges?

5. How could the collaboration of team members from different sectors be improved?

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