

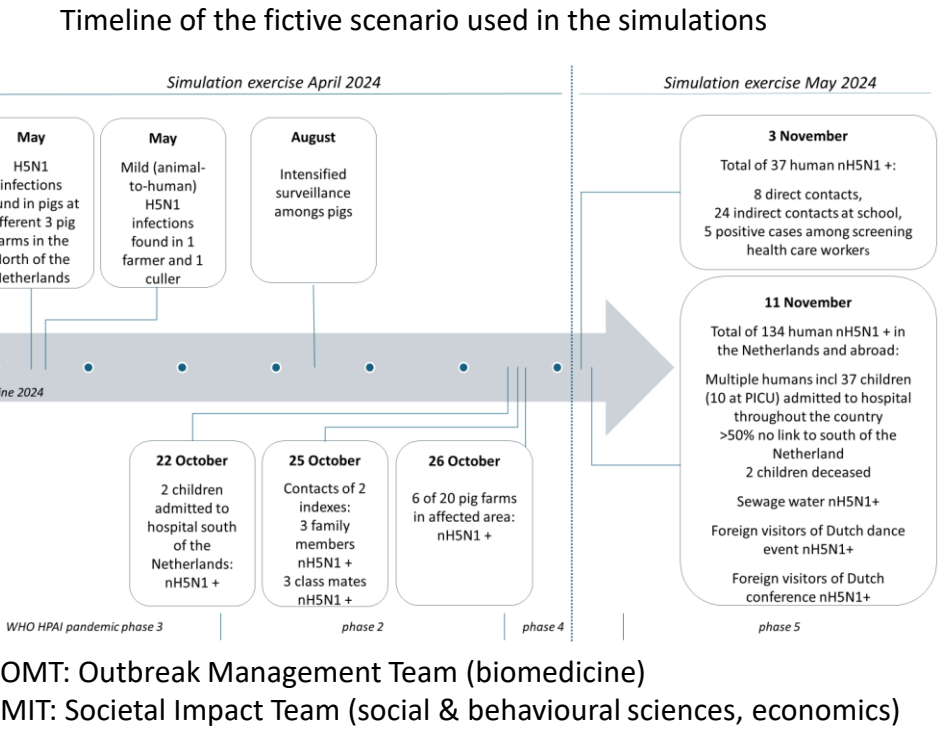
Introduction & Methods

Introduction

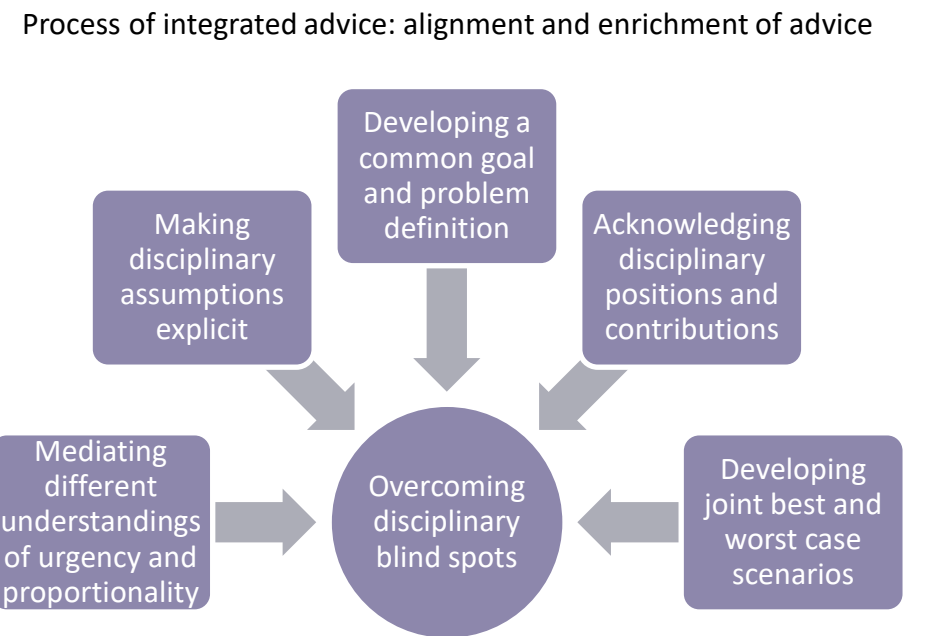
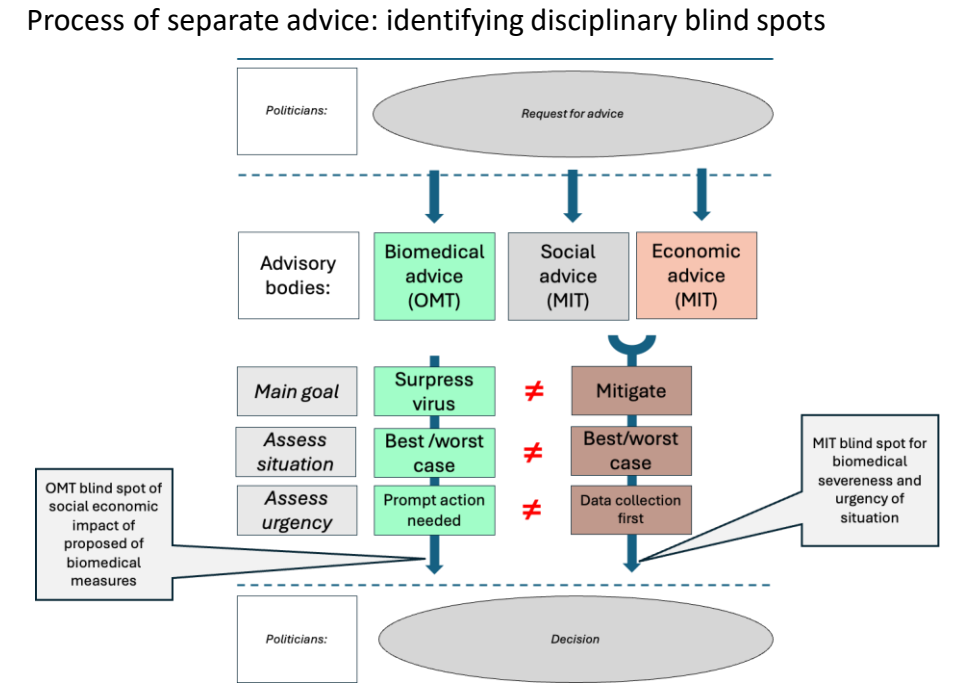
- Ongoing high pathogenic avian influenza (HPAI) outbreaks in animals pose a global public health threat
- Pandemic preparedness include optimisation of governmental advisory approaches
- To explore integrated scientific advice development, we conducted HPAI outbreak simulation exercises

Methods

- Literature review
- Expert interviews
- Two simulation exercises with 20-23 Dutch experts from biomedicine, social and behavioural sciences and economics
- April 17: Large-scale outbreak of Avian Influenza in the Netherlands among poultry and pig farms
- May 24: large-scale outbreak of Avian Influenza in the Netherlands with human-to-human transmission (mainly those <30yrs affected)
- Thematic analysis



Results



Separate advice

Example of point of conflict in separate advice:
Local lockdown of all children and their families at the schools with children who had tested positive

- OMT: aim for containment of the virus
- MIT: concerned with severe social impact of school closures as learned during COVID

Need for information exchange

Interdisciplinary advice

Added value of interdisciplinary advice:

- To overcome disciplinary blind spots
- To counter to selective use of scientific evidence
- To support a unified focus and better prepare for coordinated action
- To minimize the unintended consequences of measures through enriched mitigation policies

Conclusions

- Interdisciplinary discussions are crucial for pandemic advice to uncover blind spots in disciplinary recommendations.
- Preparedness and alignment of guidelines across expert fields will support a unified focus and coordinated action during outbreaks.
- Integrated advice helps to design mitigating or supporting measures to minimize the unintended consequences of measures.

Future Research & Actions

- International comparison and collaboration for empirical research on integrated advice
- Further methodological and operational development of Evidence-to-Decision framework
- Research and simulations with diverse stakeholders
- Situating integrated advice in work from MIT (Societal Impact Team)