

«Infections control in a global perspective» - Group work

Four sessions. Each session is 2.5 hours:

- 1 hour group discussion,
- 1.5 hours presentation of group work (5 mins oral presentation each group) and plenary discussion.

The students are divided into groups – each group concentrate on one given infection.

1. Gr 1 – Covid 19
2. Gr 2 – Measles
3. Gr 3 – HIV
4. Gr 4 – Cholera
5. Gr 5 – Malaria
6. Gr 6 – Antimicrobial resistance

Session one – Describing the problem:

- Give a short description of your diseases: A few words on the clinical picture, mode of transmission, mortality, and morbidity.
- Describe what kind of outbreaks this disease can cause and their global impact.
- Who are the most vulnerable groups affected by these outbreaks?

Session two – Field epidemiology - Surveillance:

- What kind of settings are most prone to outbreaks of your disease? What kind of crisis does an outbreak of this disease create? How does it affect the most vulnerable groups?
- When and where would you set up a surveillance system for your disease? What would be the major components of this surveillance?

Session three: Field epidemiology - Handling of an outbreak:

- How to organize a response to an outbreak of your disease?
- What would be the major components of your response? What are the major challenges in responding to this specific disease?

Session four: How to improve outbreak response and preparedness globally:

- Which actions would you suggest improving surveillance and preparedness for outbreaks of your disease globally? (Suggest one or two actions that are specific for this disease).
- Formulate a research questions / identify one knowledge gap for your disease, that will improve response and preparedness for outbreaks of this disease.
- Do climate changes have any impact on the likelihood/frequency of outbreaks from your disease? And how can outbreaks affect the climate?