**Health Emergencies in Large Populations (H.E.L.P.) Course**

**Communicable Diseases: Challenges in Crisis Settings**

**Time allocated 90 minutes**

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| **Educational Objective: What should participants be able to do at the end of the course** | **Enabling Objectives: The interim steps that build on each other and lead to the final educational objectives**   | **Core issues /reference topics** |
| 1. *Participants are able to*identify communicable diseases prevalent in a crisis situation and describe priorities, opportunities and challenges for control measures
 | * 1. *Participants are able to* list the common communicable diseases associated with humanitarian crises and ways to identify the ones to focus on in particular
 | * Main communicable diseases associated with crisis situations
	+ Variations crisis types
	+ Influence region and setting in which a crisis takes place
* Classifying communicable diseases
	+ Micro-organism responsible for the disease
	+ Choice during crisis situations to classify based on modes of transmission
* Comparison of burden of the diseases in terms of micro-organism, transmission, case fatality rate (CFR), mortality, disability
* Difference between endemic and epidemic diseases
	+ Diseases with (major) epidemic potential
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| * 1. *Participants are able to* identify risk factors that contribute to an increased incidence of communicable diseases
 | * Environmental determinants favouring transmission
* Absence of preventive health measures
* Deterioration, lack, overwhelmed basic curative care
* Introduction of new pathogens
* Affected population
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| * 1. *Participants are able to* identify control measures for communicable diseases and describe challenges in implementation
 | * The disease dictates the appropriate control measures
* Levels of interventions
	+ Classic way to distinguish: Primary, secondary and tertiary preventive measures
	+ Interventions that relate to:
		- Environmental factors –link to module Public Health engineering
		- The population and health services *–vaccination, drug prophylaxis, rapid diagnosis and early treatment, … (these are further developed during other course modules)*
* Example(s) of feasibility and limitations to implement control measures
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