

Major in Human Health, Nutrition and Environment, FS 2014

Public Health Concepts

Determinants, Key Players and Possible Interventions

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Aims

- Have an idea about which parameters can influence health relevant behaviors and how to get information about them
- Know that target population(s) can be identified
- Get insights in individual and structural approaches of public health
- Be able to estimate the potential effect of public health interventions

Course

- No break (?): 13:25-14:45
- Brief introduction (5 min)
- Group work (30-40 min)
 - 4 groups
 - Discuss in group and prepare presentation
- Brief presentation and discussion (5-10 min each group)
- If time left: public health and obesity

Selected public health issues

- Public health nutrition will specifically be addressed by Isabelle Aeberli
- The following public health issues will be discussed in groups:
 1. Hazardous alcohol consumption
 2. Smoking
 3. Physical inactivity
 4. Suicide

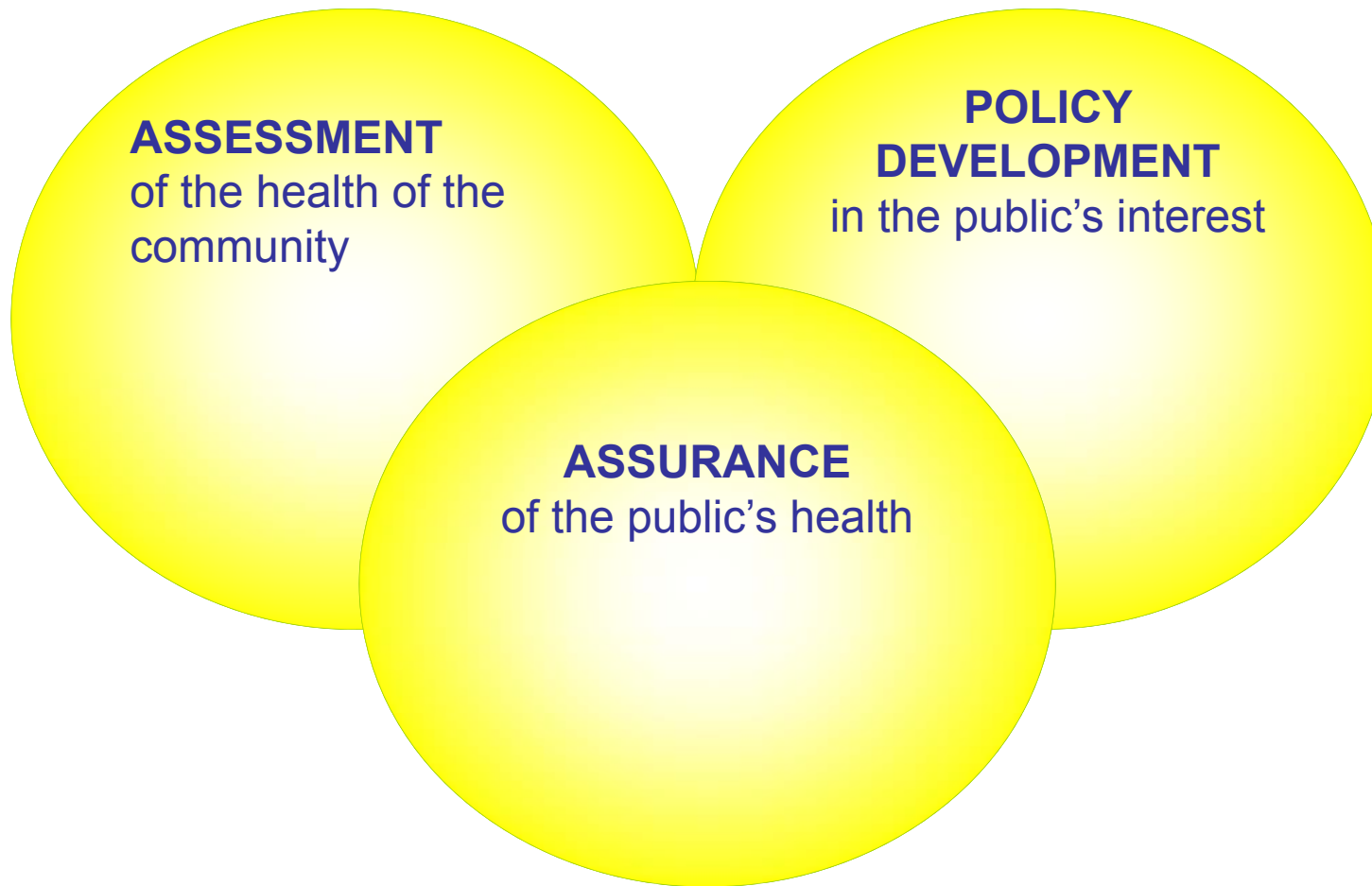
Questions to be addressed

- Information sources? Potential problems?
- Intervention level*? Target population(s)?
- Public health measures: Verhaltens-/Verhältnisebene (behaviour / condition, environment)
- Expected success and sustainability?
- Advantages, disadvantages?

Determinants of health



Core components of PH

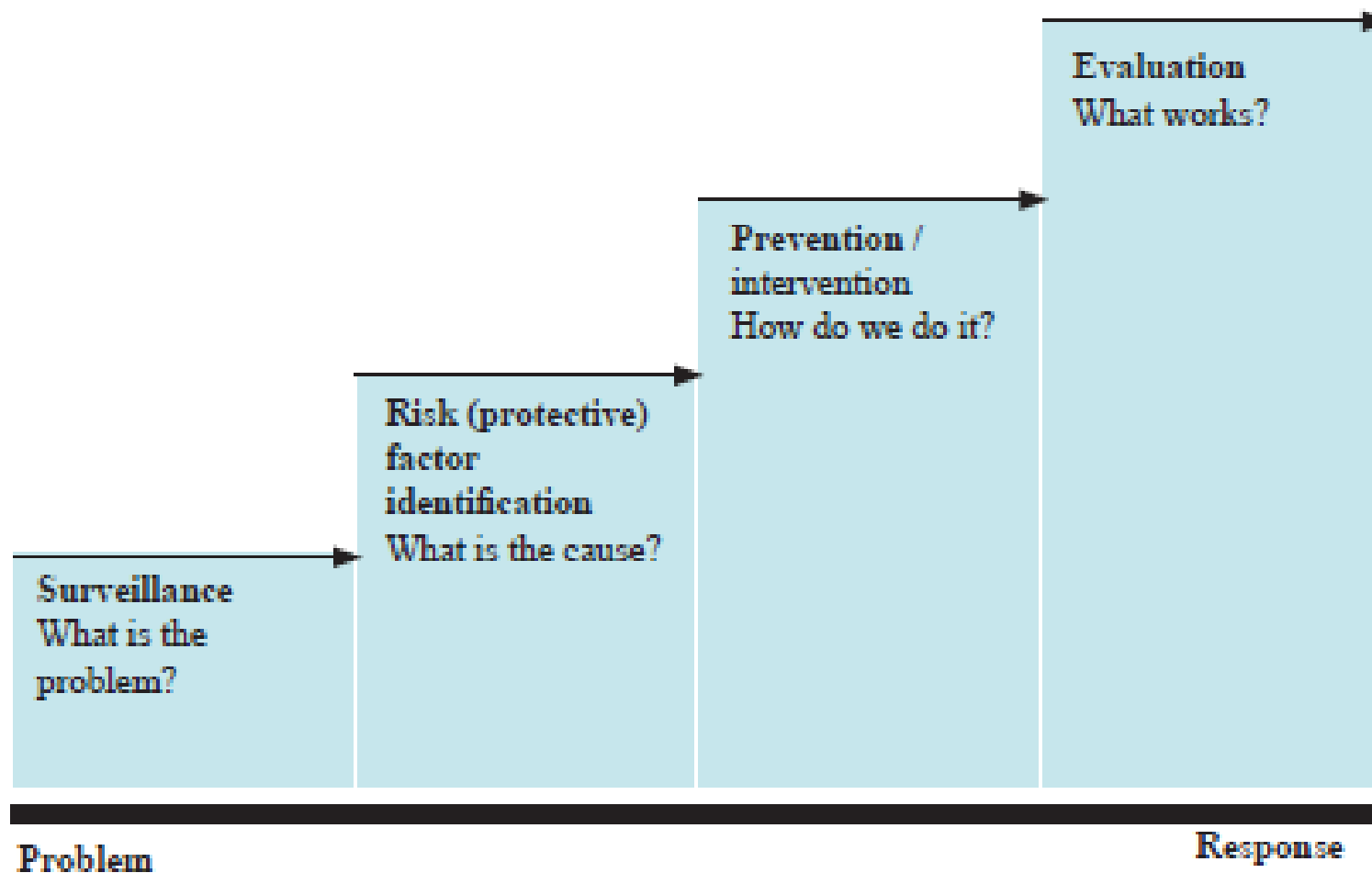


Essential services of public health



Figure 1: Public health approach

(Mercy and Rosenberg 2000, Potter, Powell, and Kachur 1995, Potter, Rosenberg, and Hammond 1998, US Department of Health and Human Services 2001)

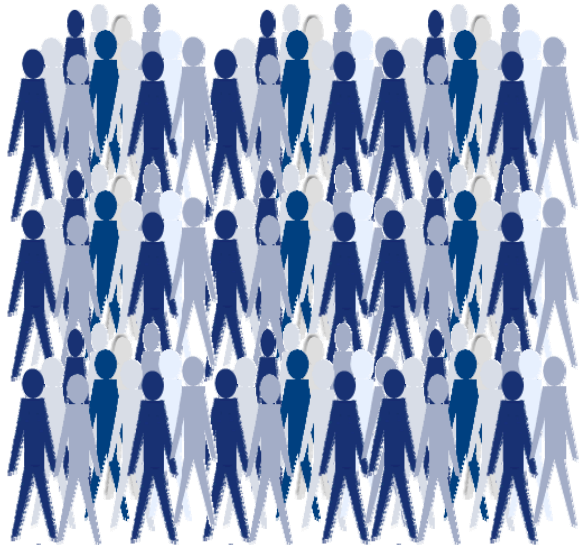


Public health approach

**Public Health
Model**

Versus

**Medical
Model**



*PH intervention level

Level	Definition	Example
Universal	Affects everybody, regardless of risk	Public information/education, laws, built environment
Selective	Targets subgroups at particular risk	Persons with overweight, migrants, persons with depression
Indicated	For specific individuals at very high risk	Persons who already experienced disease / high risk (stroke, suicide attempt)