|  |  |
| --- | --- |
| **Health indicators (wskaźniki stanu zdrowia)** | |
| **Explanation, additional information** | **Content of the lecture** |
| **Chorobowość**  *Prevalence* | **Prevalence**  \* 10n  **Prevalence:**   * Increased by:   + long duration of the disease   + longer life of not treated patient   + increased incidence   + in-migration of ill   + out-migration of healthy   + in migration of susceptible   + improved diagnostics   + better reporting * Decreased by:   + short duration of the disease   + high case fatality   + decreased incidence   + in-migration of healthy   + out-migration of ill   + improved cure rate |
| **Zapadalność**  *Incidence* | **Incidence**  \*10n |
| **Porówanie zapadalności z chorobowością**  *Prevalence vs Incidence* | **Prevalence vs Incidence**   |  |  |  | | --- | --- | --- | |  | **PREVALENCE** | **INCIDENCE** | | **Numerator** | Number of existing cases of disease at given time point | Number of new cases of the disease during a specified period in time | | **Denominator** | Population at risk | Population at risk | | **Focus** | 1. Presence or absence of the disease  2. “Snapshot” in time | 1. Whether the event is a new case  2. Time onset | | **Expresses** | Probability of being ill | Risk of getting the disease | | **Uses** | 1. Burden of chronic diseases  2. Implications for health services | 1. Studies on causation  2. Acute diseases | |
| **Umieralność**  *Crude mortality rate* | **Crude mortality rate**  \* 10n  **Mortality rates**: Umieralność   * crude * age-specific * proportionate * age-standardized |
| **Śmiertelność**  *Case fatality* | **Case fatality**  \* 100% |
| **Oczekiwana długość życia**  *Life expectancy* | **Life expectancy**  Average number of years individual of a given age is expected to live in current mortality rates remain unchanged |

**VOCABULARY**

Crude mortality rate- umieralność

Case fatality- śmiertelność

Incidence- zapadalność

Life expectancy- oczekiwana długość życia

Out-layers- obserwacje odstające

Prevalence- chorobowość

Susceptible- podatny, wrażliwy