

# Developing Immunisation Policy in Hong Kong

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# Issues for discussion

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- Kinds of data (general and country-specific) to inform immunisation policies
- Resources for countries that want to enhance the use of evidence
- Possible roles of advisory groups

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# Vaccination policy

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- Population-based
- Personal protection

# Important public health considerations before introducing a new vaccine

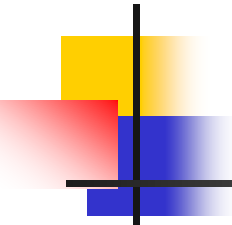
- Overall disease burden
- Efficacy and safety of the vaccine
- Herd immunity/protection introduced by the vaccine
- Availability of other effective preventive measures
- Cost-benefit and cost-effectiveness
- Administrative arrangements, public acceptance, adequacy of vaccine supply, etc.

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# Kinds of data

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- Demography
- Birth / abortion notification
- Mortality data on vaccine preventable diseases (VPD)
- Morbidity data
  - Infectious disease notification
  - Disease registry
- Health service utilisation
  - Immunisation statistics
  - Medical record
  - Hospital admission and discharge summaries

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- Laboratory
    - Survey on serology
    - Prevalent strain of virus
  - Survey
    - Immunisation survey
    - National or local survey on particular disease
  - Economic and cost reports
  - Qualitative data on people's perception
  - WHO's recommendation and other countries' experience
  - RCTs on the effectiveness of the vaccine

# Resources to enhance the use of evidence

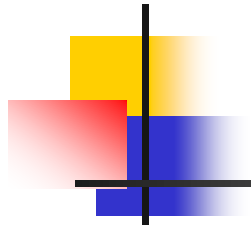
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- Develop information system:
  - Public Health Information System
  - Communicable Disease Information System

# Roles of advisory groups

- **Monitor and review:**
  - Latest position of the WHO on immunisation and vaccination
  - Scientific developments and application of new vaccines
  - Vaccine formulations and cost-effectiveness
  - Change in global and local epidemiology of VPD
  - Experiences of other health authorities
- **Make recommendations**





*Thank You*