Developing Immunisation Policy in Hong Kong

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Issues for discussion

- 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
Vaccination policy

- 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.
Kinds of data

- 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
- **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

- 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