Update on the Immunization Practices Advisory Committee (IPAC)

2018 WHO PDVAC Meeting
Geneva, Switzerland
IPAC - Overview

**Mandate (as of May 2017)**

- to provide independent and expert advice to the WHO/IVB Director on how to **strengthen immunization service delivery and programme management** to:
  1. Leverage **innovative** approaches and technologies that can maximize reach and equitable access to vaccines up to the last mile, and to
  2. Optimize operational efficiency and management of vaccination programmes at **country level**.

- **Main focus**: Guidance documents & tools used in national immunization programs
  - Addressing questions of feasibility and acceptability
  - No executive, regulatory, or decision-making function on behalf of WHO

**Members & Operations**

- 11 core members, including chair: Dr Chris Morgan
- Working Groups: Delivery Technologies + Controlled Temperature Chain
- Annual meetings + Teleconferences + Online Discussion Group + Bulletins
IPAC – highlights of the past year

- Guidance on definition and concept development of Total System Effectiveness (TSE) : July 2017 TC
- HPV Pilot Study using a Controlled Temperature Chain (CTC) – review and endorsement of methodology : via CTC-WG
- Revision of measles/rubella (MR) microarray patch (MAP) target product profile (TPP) : via DT-WG
- Programmatic inputs at all meetings of the Global Advisory Committee for Vaccine Safety (GACVS)
- Selective Vaccination during SIAs in different settings- input on optimal approach : Q1 2018
I. Innovation for Improved Coverage and Equity
   - Evaluating barriers to effective immunization
   - Defining the country use case for Total System Effectiveness
   - Country consultations in support of the Vaccine Innovation Prioritization Strategy (VIPS)

II. Optimizing Vaccine Supply
   - Global immunization financing update
   - Improving vaccine access
   - EVM 2.0 Progress

III. Controlled Temperature Chain (CTC)
   - Lessons learned from CTC-HPV Pilot efforts in Uganda + endorsement of new guidelines
   - Plans for CTC-OCV Pilot and roll-out: discussion on methodology
   - Challenges around Hepatitis B birth dose licensure for CTC

IV. Delivery Technology (DT)
   - Report on April 2018 Consultation on measles/rubella (MR) micro-array patch (MAP)
   - Other DT WG progress/consultations: Uniject, Apiject, delivery of DNA vaccines by electroporation, etc.

V. Immunization Advisory Committee updates
1. Innovations for equitable immunization coverage
   - CTC
   - Delivery Technologies incl. programmatic aspects & health worker training
   - Total Systems Effectiveness + VIPS **shared role with PDVAC**
   - Needles/Syringe practices

2. Immunization Service Delivery and Programme Management
   - Integrated health services and integrated programme management
   - Second+ Year of Life
   - Missed Opportunities for vaccination
   - Vaccine Shortages
   - Strengthening Community Engagement/Demand
   - Implementation (framework for vaccine policy recommendations)
   - Equity & Coverage
Programmatic definition of Controlled Temperature Chain (CTC)

**DEFINITION:** A specific set of conditions allowing for a vaccine to be stored and transported outside of the traditional 2° to 8°C cold chain

1. One excursion, just prior to administration
2. Specifically limited duration (at least 3 days)
3. Ambient temperatures up to 40°C+
4. Full validation =
   - Tested (for safety & stability)
   - Licensed
   - Prequalified
5. Key tools = VVM + Peak Threshold Temperature Indicator

**PRIORITIES:** Current focus → campaigns and special strategies
Update on IPAC for PDVAC | June 2018

THANK YOU

For more information:
http://www.who.int/immunization/programmes_systems/policies_strategies/ipac/en/

Or contact IPAC Secretariat: Anna-Lea Kahn kahna@who.int