

Immunization Practices Advisory Committee (IPAC)

REPORT TO SAGE



World Health
Organization

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IPAC Chair
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IPAC - Overview

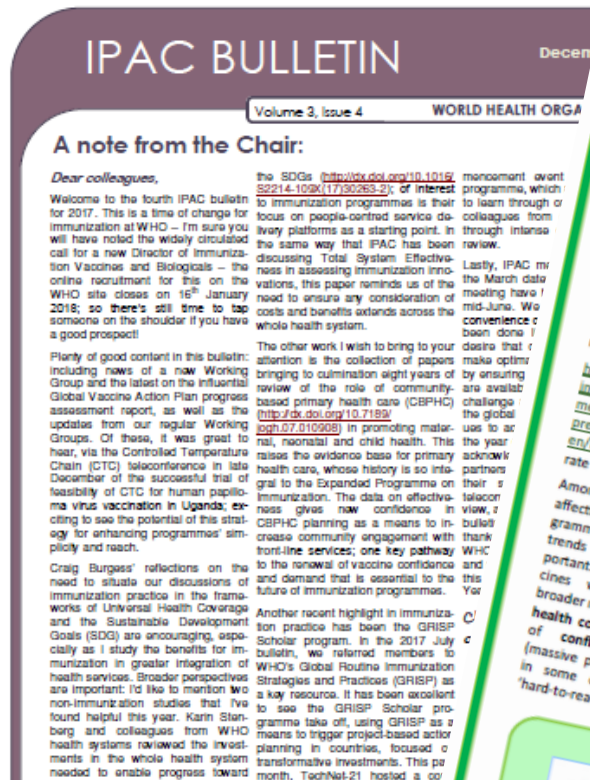
❖ **Mandate** (*as of May 2017*)

- “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, evidence syntheses, priority lists and tools
- No executive, regulatory, or decision-making function on behalf of WHO

❖ **Members & Operations**

- 11 core members, including chair (as of next month, **Dr Kelly Moore**)
- Working Groups: Delivery Technologies + Controlled Temperature Chain
- Annual meetings + Teleconferences + Online Discussion Group + Bulletins

IPAC Quarterly Bulletins



IPAC – off-line work highlights

- 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
- **Selective Vaccination during SIAs** in different settings- input on optimal approach : Q1 2018
- Programmatic inputs at meetings of the Global Advisory Committee for Vaccine Safety (GACVS), interaction with PDVAC and IVIR-AC



IPAC July 2018 Meeting – highlights 1

- ✓ **Total System Effectiveness (TSE):** supports countries in reaching coverage and equity targets by strengthening informed, transparent and **holistic decision-making** for national immunization programmes, and creating **communication channels** that ensure that global policy, market shaping and research and development (R&D) priorities **reflect the needs and priorities of low and middle income countries**
- ✓ **Doses per Container Partnership (DPCP):** review of this program to help national and global stakeholders consider **differing numbers of doses per multi-dose vaccine vial** could optimize coverage
- ✓ **Vaccine Innovation Prioritization Strategy (VIPS):** supports **prioritization of innovations** in vaccine product attributes, such as primary containers, delivery technologies, labelling, and packaging.
 - multi-partner initiative w/ formal involvement of IPAC and PDVAC
 - main output: prioritized short-list of vaccine product innovations by the end of 2019

Selected IPAC Recommendations:

- a) Ensure TSE tools are flexible enough to apply to varied country settings and needs;
- b) More emphasis and capacity building required on assessment of barriers;
- c) Clarify TSE's feedback loop to upstream/R&D and engage industry when possible (on all three initiatives);
- d) Ensure inclusion of middle-income countries.
- e) Active continuing involvement in VIPS



IPAC July 2018 Meeting – highlights 2

- ✓ **Controlled Temperature Chain (CTC) *working group progress***
 - Lessons learned from **CTC-HPV Pilot** efforts in Uganda + Endorsement of new guidelines
 - Plans for **CTC-Oral Cholera Vaccine Pilot** and roll-out : discussion on methodology
 - Challenges around **Hepatitis B birth dose licensure for CTC**
- ✓ **Delivery Technology (DT) *working group progress***
 - Delivery innovation **indicator for GVAP**
 - Acceptability studies on **measles/rubella (MR) micro-array patch (MAP)** + revision of TPP
 - **Other DT WG progress/consultations**: compact pre-filled autodisable devices, DNA vaccines by electroporation, blow-fill-seal manufactures.

Selected IPAC Recommendations:

- a) Boost CTC advocacy efforts (and resource mobilization) to avoid loss of momentum;
- b) Maintain clear & consistent definition (including single excursion) and branding of CTC;
- c) Better characterize usage scenario/s for estimating demand and feasibility of HepB-BD in a CTC;
- d) More work on public health need and implementation potential to accelerate MR-MAP.

IPAC July 2018 Meeting – highlights 3

- ✓ **Global Immunization Financing Update** : **improved global monitoring** of immunization financing allows for detection of potential shortfalls
- ✓ **Improving vaccine access / MI4A Initiative** : provision of **more nuanced data** in the area of supply and access; Particularly beneficial to MICS;
- ✓ **New global calculation of indicative wastage rates**: the approach previously endorsed by IPAC has been **further fine-tuned** with new supporting evidence currently being collected
- ✓ **Effective Vaccine Management (EVM) 2.0 Progress**: new approach to EVM assessments (**Sept 2018 launch**)

Selected IPAC Recommendations:

- Clarify where programmatic issues exacerbate stock-outs and how programmatic responses could ameliorate global shortages;
- EVM growth and development is very welcome, but note that:
 - among increased number of EVM indicators, the focus must remain on those with direct relevance to informing local improvement plans;
 - Important to ensure trends remain comparable across EVM 1.0 and 2.0.

2019+ Priorities for IPAC

1. Innovations for equitable immunization coverage

- CTC – existing priorities (HPV, OCV, HepB-BD, Tetanus containing) + ? new
- Delivery Technologies (especially programmatic aspects & health worker training)
- Total Systems Effectiveness/TSE (*shared role with PDVAC & IVIRAC*)
- Vaccine Innovation Prioritisation Strategy/VIPS (*shared role with PDVAC*)
- Needle and syringe management and disposal practices

2. Immunization Service Delivery and Programme Management

- Continued involvement with SAGE, GACVS, other working groups
- Integrated health services and integrated programme management
- Second+ Year of Life
- Missed Opportunities for vaccination
- Vaccine Shortages
- Strengthening Community Engagement/Demand
- Implementation Requirements framework, to provide evidence-based structure for ensuring programmatic perspective in vaccine policy recommendations



THANK YOU

For more information:

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

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