Deliberations of the 22\textsuperscript{nd} Meeting of the Expert Review Committee on Polio Eradication in Nigeria (ERC)

13-14 October 2011
What's the good news?
Nigeria avoided a major polio outbreak in 2011 (but only so far.....)

THE RISK OF A MAJOR OUTBREAK IS INCREASING
Immunity is improving (slowly) in endemic states

*OPV status of NPAFP cases*

But...4 of the highest risk states still have <70% of children with > 3 doses (i.e. Borno, Kano, Jigawa, Sokoto)

* Kano, Katsina, Jigawa, Zamfara, Yobe, Kaduna, Bauchi, Sokoto, Borno, Kebbi.
Better identification & targeting of highest risk areas for persistent poliovirus

Infected with WPV/cVDPV (50 LGAs)
Clustering of Compilables (12 LGAs)
Low population immunity (47 LGAs)

2010
2011

0 Dose 1-2 Doses 3 doses 3+ doses

109 HR LGAs

BUT!!!
New, innovative approaches to address chronic problems: **GIS/GPS**

Identifying Settlements Not on Microplan, Gangara Ward, Katsina Jul-11 IPDs

After GIS, additional 10 villages included in microplan

GIS used to update microplans
Innovative approaches to address chronic problems: Community Participation Initiatives

- Neighbor to Neighbor (N2N) – Sokoto
- Dattawa & Abokai – Zamfara
- Health camps and WASH - Kano
- Household Adoption (HHA) – Kebbi
- NIFAA Door to Door Mobilization – Borno, Jigawa, Kebbi, and Zamfara.
What's the BAD news?
4 x Increase in Polio cases! All 3 serotypes!!

85% WPV cases are localized in Kano/Jigawa, Kebbi & Borno
Declining political oversight at critical juncture!
Emergency plans are not being implemented in key infected areas!
Campaign quality improving too slowly or declining(!) in **key areas**

Wards with 90% in key high risk states, Jan-Sep 2011

>30% of wards missing >10% children in 3-4 IPDs, May-Sep '11
How do we get back on track to complete eradication by mid-2012?
Immediate Priorities

• Identify, characterize & reach chronically missed children!

• Sustain intensive OPV campaign strategy

• Establish accountability framework for LGA Chairmen & Ward Heads

• Focus on key infected areas: Kano/Jigawa, Kebbi/Sokoto/Zamfara; Borno
ERC Recommendations

Chronically Missed Children
4 key issues in vaccinating the *chronically missed children*

- **Identify:** WHERE are these children?
- **Characterize:** WHO are these children and WHY are they chronically missed?
- **Reach:** HOW to adapt strategy as appropriate?
- **Evaluate:** after each round & revise accordingly.
ERC Recommendations
Understanding Chronically Missed Children

• thorough investigation of each 0-dose AFP & polio case & their communities (why?).

• investigate all wards with >25% missed children (whether due to 'non-compliant parents', 'absent children' or other) to understand root causes.

• establish full State & LGA lists of settlements, esp. 'non-compliant' communities (parents).

• map & track migrant/mobile populations in all 12 northern states, based on lessons to date.
ERC Recommendations

Reaching Chronically Missed Children (1)

• by Nov, GIS-map polio-infected LGAs & redo microplans to cover all settlements;

• by Jan: GIS-map all very high risk LGAs & redo microplans; scale-up GPS-tracking of teams.

• scale-up participatory, community-based communications initiatives.

• systematic engagement of religious, as well as traditional leaders, to resolve non-compliance.
ERC Recommendations

Reaching Chronically Missed Children (2)

- systematically implement the 'REDO' strategy based on line-lists of non-compliant households.

- ensure partner assistance for a 'socmob network' for persistent non-compliant settlements.

- systematically implement 'repeat' strategy in all wards with <80% coverage in high risk LGAs.
ERC Recommendations

Evaluate if You’re Reaching Missed Children!

- **LQAs** should be the gold standard for assessing campaign quality & should be targeted at areas of persistent virus & highest risk.

- **independent monitoring:** rapidly assess the impact of replacing current monitors with senior personnel & revise strategy as appropriate.
ERC Recommendations

Intensive OPV Campaign Schedule
ERC Recommendations

IPD/SIA Schedule & Vaccine of Choice

- **bOPV 12 state focus (CHW)**
  - Kano & Jigawa Mop-up
  - Oct 2011

- **tOPV IPD**
  - Dec 2011

- **tOPV**
  - (8-12 states)

- **bOPV IPD**
  - Jan 2012

- **bOPV**
  - (8-12 states)

- **tOPV/bOPV**
  - (8-12 states)

- **Kano & Jigawa Mop-up**
  - Nov 2011

- **bOPV**
  - Feb 2012

- **bOPV**
  - Mar 2012

- **bOPV**
  - Apr 2012

- **bOPV**
  - May 2012

- **bOPV**
  - Jun 2012
ERC Recommendations

IPD/SIA Strategy 2\textsuperscript{nd} half of 2012

Provision should be made for up to 4 large-scale sub-national OPV campaigns in the 2\textsuperscript{nd} half of 2012 (covering 8-12 states), depending on the evolving epidemiology by April.
ERC Recommendations

Mop-up Strategy

Through end-2011, the mop-up strategy should be reserved for areas that become re-infected outside the key transmission zones.

From Jan 2012, the role of mop-ups in the transmission zones should be revisited based on the evolving epidemiology (esp for March 2012 period).
ERC Recommendations

Accountability Framework for LGA Chairmen & Ward Heads
ERC Recommendations

Accountability Framework for LGA Chairmen & Ward Heads

The new, Federal Government's 'Special National Task Force' should be focused on establishing & implementing an accountability framework for LGA Chairmen & Ward Heads performance in priority areas.
ERC Recommendations

Accountability Framework for LGA Chairmen & Ward Heads

Key elements of the accountability framework should include:

(a) complete settlement lists & microplans,
(b) vaccinator selection,
(c) supervisor selection,
(d) LQAs coverage, and
(e) coverage non-compliant communities,
ERC Recommendations

Surveillance & Routine Immunization
ERC Recommendations

Surveillance & Serosurveys

• fully implement the surveillance action plan, with particular attention to enhancing active surveillance in major hospitals;

• implement National Surveillance Review in Q1 2012.

• conduct another serosurvey in 2012, expanding the scope to include Kano & other infected/priority areas (e.g. Kebbi, Borno).
ERC Recommendations

Routine Immunization

- **National Immunization Strategy**: a national strategy should be established, building on lessons learned, in advance of the Vaccine Summit planned for mid-2012.

- **Targeted LGA Acceleration**: recognizing the int'l implications of the ongoing cVDPV2, a targeted acceleration of routine immunization should be implemented in those LGAs.

- **Vaccine Supply Security**: the Federal Government should establish in 2012 its 'first charge' for vaccines in the capital budget & ensure timely release of that financing.
Summary
The recent upsurge of polio cases is an alarming warning.....

.....reaching the chronically missed children must now be EVERYONE'S priority to complete eradication!
FIND & VACCINATE THIS CHILD!!!!