OPV Pre-Tender Meeting
Update for 2010 and Requirements for 2011-2012

16th March 2010
UNICEF Supply Division
Summary of OPV Supply in 2009

Update of OPV supply for 2010

Requirements for 2011-2012
OPV Supply & WAP 2000 to 2010
Over 2.1 billion doses OPV, with value of $292m, were delivered to 70 countries for routine and SIAs in 2009

India: 961,851,420 doses
Nigeria: 325,299,000 doses
Pakistan: 190,243,000 doses
Afghanistan: 66,870,000 doses
Sudan: 45,390,000 doses
Bangladesh: 51,540,000 doses
Cote d'Ivoire: 48,207,500 doses
Burkina Faso: 34,321,000 doses
Burkina Faso: 34,321,000 doses
Cote d'Ivoire: 48,207,500 doses
Nigeria: 325,299,000 doses
Sudan: 45,390,000 doses
Angola: 28,155,000 doses
DR Congo: 30,212,000 doses

90% of Procurement is for SIA
Funding Summary for 2009

- World Bank-Pakistan 5%
- World Bank-Nigeria 10%
- CDC 14%
- KfW - India 11%
- World Bank-India 23%
- WB-Bangladesh 2%
- Japan 4%
- Gates 13%
- Others 5%
- KfW-Nigeria 2%
- Others 10%
- Govt: INDIA 1%
- Govt: Others 10%
Update of OPV Supply & Demand for 2010
Pieces of the puzzle adding to the complexity of demand

India Procurement

Nigeria Requirements

Funding

Epidemiology
tOPV Supply & Demand to Dec 2010

India 25M doses

India 225M doses

SIA Routine OPV Availability

15-Mar
29-Mar
12-Apr
26-Apr
10-May
24-May
07-Jun
21-Jun
05-Jul
19-Jul
02-Aug
16-Aug
30-Aug
13-Sep
27-Sep
11-Oct
25-Oct
08-Nov
22-Nov
06-Dec
20-Dec

SIA
Routine
OPV Availability
Additional tOPV Requirements 2010

• Excluding India
  • For the next 2-3 months we require earlier/additional availability of a minimum of 10 million doses.
  • Without this we will have to continue to work with countries to adjust deliveries for routine requirements.
  • Around additional 40 million doses of tOPV will be needed from August to meet current demand.

• Including India
  • In addition to the above...
  • 25 million doses from June (buffer quantity)
  • 225 million doses for January 2011 NID - delivery in Q4 2010
bOPV Supply & Demand to Dec 2010
(Excluding India requirements after May)

SIA OPV Availability
bOPV Supply & Demand to Dec 2010
(Including India requirements after May)
Additional bOPV Requirements 2010

- General Overview
  - Two products currently WHO pre-qualified
  - Demand outstripping supply
  - The result is that either SIAs are having to be scaled back or alternate vaccine used
  - All vaccine available will be used to fulfil requirements in April

- Without India
  - May – August: sufficient bOPV to meet current requirements.
  - From August: approx. additional 120 million doses of bOPV will be needed to meet *current demand*.

- With India
  - Total of 330 million doses will be required
  - With additional requirements needed from end of May
mOPV1 Supply & Demand to Dec 2010
mOPV1 Utilisation in 2010

• General Overview
  • Based on current forecasted demand from the Programme, we are expecting around 50% utilisation of LTA quantities
  • Demand for this product could be effected by any of the three pieces of missing information
    • India procurement
    • Nigeria requirements of remainder of 2010
    • Epidemiology
India would consume these quantities if procurement continues after May 2010
Estimated Requirements for 2011 & 2012
# Global OPV Requirements 2010 - 2015

<table>
<thead>
<tr>
<th>Year</th>
<th>mOPV3</th>
<th>mOPV1</th>
<th>bOPV</th>
<th>tOPV (SIA)</th>
<th>tOPV (Routine)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>99,026,355</td>
<td>380,885,576</td>
<td>942,785,037</td>
<td>800,970,406</td>
<td>635,000,000</td>
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<tr>
<td>2011</td>
<td>228,288,131</td>
<td>313,722,993</td>
<td>698,275,861</td>
<td>561,159,363</td>
<td>648,000,000</td>
</tr>
<tr>
<td>2012</td>
<td>225,719,178</td>
<td>274,161,109</td>
<td>657,040,895</td>
<td>531,992,469</td>
<td>660,000,000</td>
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<tr>
<td>2013</td>
<td>100,000,000</td>
<td>100,000,000</td>
<td>481,892,205</td>
<td>170,338,368</td>
<td>675,000,000</td>
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<tr>
<td>2014</td>
<td>100,000,000</td>
<td>100,000,000</td>
<td>486,116,469</td>
<td>185,832,191</td>
<td>690,000,000</td>
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<tr>
<td>2015</td>
<td>100,000,000</td>
<td>100,000,000</td>
<td></td>
<td></td>
<td>705,000,000</td>
</tr>
</tbody>
</table>

- **mOPV3**
- **mOPV1**
- **bOPV**
- **tOPV (SIA)**
- **tOPV (Routine)**

[Bar chart showing millions of doses for each year from 2010 to 2015 with the data summarized in the table.]
### OPV Requirements Through UNICEF 2011 - 2012

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>2011</th>
<th>2012</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Including India</td>
<td>Excluding India</td>
<td>Including India</td>
<td>Excluding India</td>
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<tr>
<td>mOPV3</td>
<td>228,288,131</td>
<td>225,719,178</td>
<td>52,658,653</td>
<td>47,801,954</td>
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<tr>
<td>mOPV1</td>
<td>313,722,993</td>
<td>274,161,109</td>
<td>138,093,515</td>
<td>96,243,885</td>
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<tr>
<td>bOPV</td>
<td>698,275,861</td>
<td>657,040,895</td>
<td>478,739,016</td>
<td>434,644,363</td>
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<tr>
<td>tOPV (SIA)</td>
<td>561,159,363</td>
<td>531,992,469</td>
<td>341,622,518</td>
<td>309,595,937</td>
</tr>
<tr>
<td>tOPV (Routine)</td>
<td>205,000,000</td>
<td>215,000,000</td>
<td>205,000,000</td>
<td>215,000,000</td>
</tr>
</tbody>
</table>

**Millions Doses**
Summary of demand, 2011-2012

• Estimated quantities may be refined prior to issuing the tender

• Challenge: the right vaccine in the right quantities at the right time

• Current trends:
  • Continued high demand for tOPV
  • Increased demand for bOPV
  • mOPVs still used for mop-ups / outbreak response, but in smaller scale

• Need to ensure flexibility and visibility:
  • 2011: OPV type specific request
  • 2012: aggregate OPV request
Thank you