Update on Rotavirus Vaccine

Industry Consultation
UNICEF Supply Division, 27 June 2012
23 GAVI countries to procure through UNICEF approved for introduction of Rotavirus Vaccine

- 4 countries have introduced July 2011 to June 2012
- 5-6 more countries likely to introduce in 2012
- 13-14 countries to introduce in 2H 2013-1H 2014 as supplies become available - 6 approved in April
GAVI SDF projects demand in 73 GAVI countries to reach 70 million courses at peak by 2026

AVI SDF v5.0: Full courses required from GAVI73 including countries graduating before introduction

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductions</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>8</td>
<td>19</td>
<td>10</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: AVI-PATH
Procurement forecast

- 27 out of 73 GAVI-eligible countries submitted applications
- In 2013, demand is higher than currently contracted supply
- 8 countries expected to submit applications in August 2012
UNICEF procurement activities to support planned country introductions (1/2)

With the objectives to a) ensure a low vaccine price per course, b) an adequate supply base, and c) appropriate products:

- Awards made to two suppliers with WHO prequalified vaccines
- Total awards of 68 million courses (out of 88 million courses included in the tender)

UNICEF, in consultation with a GAVI Procurement Reference Group, opted to reserve demand quantities for future awards in order to provide incentives for manufacturers with products in development to accelerate, if possible

- 20 million courses left unawarded (but likely +15 million courses more to be needed through 2016, based on current projections)
Additional awards under current tender required to meet new demand
  • Country consultations ongoing to understand better country product preferences and ability and willingness to accept 2nd preferred product

Likely a new tender required in 2015 to meet projected demand (driven by demand and/or changes in market)
Updated recommendations from SAGE April 2012

- Age restrictions for the first dose \( \leq 15 \) weeks and last dose \( \leq 32 \) weeks preventing vaccination of vulnerable children

- Risk benefit analysis continues to favour early immunisation

- Recommends that first dose be administered along with DTP as soon as possible after 6 weeks of age to maximise protection – but to immunize also beyond 15 weeks

- Due to epidemiology, little benefit from vaccination +2 years

http://www.who.int/wer/2012/wer8721.pdf
In conclusion

• A high level of demand for Rotavirus vaccine to be supported by GAVI

• Considerable scale up of supplies, however, not able to meet demand in 2013 – UNICEF working with GAVI and countries to minimize implications

• Supplier base limited due to early stage of market development, however, a healthy pipeline

• Quantities left un-awarded to incentivize new manufacturers to develop products and enter the market
Thank You