The PAHO Revolving Fund for Procurement of Vaccines & Immunization supplies

2014 Georgia Tech Conference on Health and Humanitarian Logistics

Panel: “Vaccination Supply Chain in Global Public Health”
Mexico DF, June 5-6, 2014
Content

• **Global vaccine supply:** Challenges

• **The PAHO Revolving Fund:** Procurement & supply mechanism in the Americas

• **Strategies and Tactics** for rapid and timely response
Global Vaccine Supply Challenges

Limited number of suppliers (WHO Pre qualified)

Global demand greater than capacity

Complex manufacturing process: Long leadtime & quality controls

1. MR vaccine
2. Cholera
3. Oral polio
4. Yellow fever

Yellow fever: Demand vs. Supply

Seasonal Influenza: 6-9 months
PAHO Revolving Fund
Facilitating Access of Vaccines to LATAM Births - 2013

Birth cohort
American Region

15.7 million

Birth cohort
Latin America & Caribbean

11.1 million

Purchase of vaccines through PAHO Revolving Fund

41 countries & territories
8.2 million of births
211 million of doses
The PAHO Revolving Fund Strategies and Tactics

Routine vaccination
- One point of contact (19 suppliers : 41 countries)
- Demand planning & consolidation
- Joint tender & supply allocation
- Delivery monitoring

Planned Campaigns
- Demand Planning
- Timing of tender (e.g. Seasonal influenza)
- Supply allocation

Outbreaks/Disasters
- Stock transfer (country to country)
- Rush order and close coordination with manufacturers
- Joint tender (e.g. H1N1)
- Coordination with WHO, UN procurement mechanisms
Use of seasonal influenza vaccine and formulations in the Americas 2012

40/45
Pending of introduction:
Haiti, Guyana & St. Kitts & Nevis
Change in JRF Reporting status
Montserrat
St. Vincent
Vaccine introduction: St. Marteen

Number of countries with:

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<thead>
<tr>
<th></th>
<th>2004</th>
<th>2008</th>
<th>2012</th>
</tr>
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<tbody>
<tr>
<td>- Public policies for influenza vaccination</td>
<td>13</td>
<td>35</td>
<td>40</td>
</tr>
<tr>
<td>- Vaccination of children</td>
<td>6</td>
<td>22</td>
<td>25</td>
</tr>
<tr>
<td>- Vaccination of elderly</td>
<td>12</td>
<td>33</td>
<td>38</td>
</tr>
<tr>
<td>- Vaccination of persons with chronic diseases</td>
<td>9</td>
<td>24</td>
<td>32</td>
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<tr>
<td>- Vaccination of health workers</td>
<td>3</td>
<td>32</td>
<td>37</td>
</tr>
<tr>
<td>- Vaccination of pregnant women</td>
<td>3</td>
<td>7</td>
<td>22</td>
</tr>
</tbody>
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Source: Country Reports to PAHO, MOH web pages, PAHO/WHO Surveys
Note: Data was not collected from the French Departments (French Guiana, Guadeloupe, Martinique)
Seasonal Influenza Vaccine Procurement Challenges & Tactics

**Challenges:**
- Vaccine composition changes
- Long "formulation-to-market" cycle

**Tactics:**
- Plan (timeline)
- Demand plan
- Pool demand
- Timely tender
- Supply allocation
- Deliveries

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**WHO Strains 2013-2014**

- Delivery 14 countries

**WHO Strains 2014-2015**

**Manufacturing (6-9 months)**

Influenza Laboratory Surveillance Information by the Global Influenza Surveillance and Response System (GISRS)

Number of specimens positive for influenza by subtype

Data source: FluNet (www.who.int/flunet), GISRS

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Pan American Health Organization

World Health Organization

Regional Office for the Americas
Influenza A (H1N1) Vaccine Access in Latin America and the Caribbean

Vaccine source:
- Revolving Fund-RF (PAHO)
- WHO Donation*
- Direct Purchase (DP)
- RF-PAHO and WHO Donation
- DP and WHO Donation
- Mixed Purchase
Access to Pandemic Vaccine in the Region

- More than 224 million doses applied in the Region
  - 144 million in LAC
  - 81 million in USA

Legend:
- USA and Canada
- Argentina, Brazil, México
- Revolving Fund
- WHO donation

- 348,890,000 pop.
- 78,025,000 pop.
- 213,126,000 pop.
Thank you