Administering Childhood Vaccines & Preparing to Immunize Against COVID

Presented by STChealth

Presenters and Agenda

- Childhood Vaccines Administered in Pharmacies
- Bi-directional Reporting of Immunizations
- COVID Testing and Vaccine Administration
STChealth Information Network

56,000 Connections

33,000 Community Pharmacies

600,000 Connected Consumers

14,300 Provider Offices

Global number of child deaths per year by cause of death

<table>
<thead>
<tr>
<th>Year</th>
<th>Causes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>11 Million</td>
</tr>
<tr>
<td>1995</td>
<td>10 Million</td>
</tr>
<tr>
<td>2000</td>
<td>9 Million</td>
</tr>
<tr>
<td>2005</td>
<td>8 Million</td>
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<tr>
<td>2010</td>
<td>7 Million</td>
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<tr>
<td>2017</td>
<td>6 Million</td>
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Cause of death:
- Tetanus
- Pertussis (whooping cough)
- Measles
- Meningitis
- Diarrheal diseases
- Acute respiratory infections

Causes of deaths that are preventable by vaccines

Causes of deaths that are partly preventable by vaccines

Other causes (which are not vaccine preventable)

Data source: Based on data from the Institute for Health Metrics and Evaluation (IHME). The data visualization is available at OurWorldInData.org. There you find research and more visualizations on global development. Licensed under CC-BY-SA by the authors.
Global vaccination of 1-year-olds (share of total)

7-vaccine series coverage, children ages 19-35 months
Flu vaccine coverage by age category and flu season

Flu vaccination coverage in children by race/ethnicity

Data from FluVaxView, Centers for Disease Control and Prevention, September 2018
Vaccines for Children Program (VFC) doses during the COVID-19 pandemic

Mass immunization against SARS-CoV-2

- When?
- Who?
- How many (production limitations)?
- Number of doses?
- Where?
Summary

- Routine vaccinations in children have improved throughout history
- Racial, ethnic, socioeconomic, and geographical disparities persist
- Mass immunization efforts introduce challenges, but also opportunities
- Barriers are known, but solutions exist
Bi-directional Reporting

• Compliance with Reporting Requirements for ANY Jurisdiction
• Point-of-Care Immunization History
• Point-of-Care Clinical Decision Support

APHA Study:
41.4% increase in vaccines administered at the point of care with bi-directional reporting

COVID Testing & Vaccine Administration

May 2020

HHS issues advisory opinion:
Any state or local pharmacist can order and administer FDA-authorized COVID diagnostic tests
Testing Flow Overview

1. Identify Contacts
2. Isolate
3. Recover
4. Daily Screening
5. Baseline Screening
6. COVID-19 Testing
7. Temperature Monitoring
8. Prevention
9. Surveillance
10. Education
11. Communication

Introducing STC | LabLink
Point of Care Testing Portal to Report, Bill for and View Administered Tests
Pharmacy Test Options

- Screen patient for test eligibility
- Collect sample to send to lab
- Dispense home kit and verify results
- Execute CLIA waived POCT test

Private-Public Health Data Highway

Engaging Pharmacies
- 93% of Americans live within 5 miles of a Pharmacy
- 300 Million patient visits to a Pharmacy per week

Disease Surveillance
MyIR
IIS
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