Immunizations: Preventing Disease, Saving Lives

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Objectives

• Describe progress towards meeting IHS GPRA Immunization measures
• Identify 2 strategies to improve immunization rates
• Access tools in the RPMS immunization package to support immunization activities
FY 2015 GPRA/GPRAMA Immunization Measures

• Childhood Immunizations
  – 4313314 coverage among children 19-35 months
  – Target: 73.9%

• Adult Immunizations
  – Pneumococcal vaccination among adults 65 years+
    • PPSV23 or PCV13 vaccination on or after age 65 years
    • Target: 85.7%
  – Influenza vaccination among adults 65 years+
    • Target: 67.2%
FY 2014 GPRAMA Childhood Immunization*

GPRAMA GOAL: 74.8%

*4313(4)314 – Measure includes 3 OR 4 Hib, depending on brand
CRS 2014 vs. 2015 – Quarter 2

Childhood Immunizations (4313*314)†

FY 2015 GOAL – 73.9%

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<thead>
<tr>
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<th>2014 Q2</th>
<th>2015 Q2</th>
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<tbody>
<tr>
<td>IHS</td>
<td>58.0%</td>
<td>56.2%</td>
</tr>
<tr>
<td>CA</td>
<td>42.3%</td>
<td>41.0%</td>
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†4 DTaP, 3 Polio, 1 MMR, 3/4 Hib, 3 Hep B, 1 Var, 4 Pneumococcal conjugate

Based on CRS Quarter 2 Data
If the child needs less than 4 doses because they started late, why do they need 4 doses for GPRA?

- The purpose of GPRA is NOT “Is the child up to date TODAY?”
- GPRA measures how we did at MEETING THE RECOMMENDATIONS
  - E.g. did the child get the vaccines as recommended
- PCV recommendation: 4 doses at 2,4,6 months, booster at 12-15 months
PCV and GPRA

• If start late, or get off schedule, may need fewer doses,

HOWEVER

• If doses ≠ 4, child will show up as “Not Current” in RPMS 2 year old report

AND

• Child will not meet the GPRA 4313*314 measure
Reasons for Children Not Up to Date

• Start late/get off schedule
• Concerns about simultaneous administration
  – Provider
  – Parents
• Receiving care elsewhere (Missing data)
Alternative Schedules

• Study by Kempe et al., “Physician response to parental requests to spread out the recommended vaccine schedule”*
  – In a typical month, 93% of surveyed providers indicated they receive requests for alternative schedules
  – Majority believe spreading out schedule puts child at risk for disease (87%) and is more painful (84%)
  – However – 74% of providers said they acquiesce at least some of the time
    • To build trust with the patient
    • Fear they will leave the practice

The Importance of Provider Recommendations

• Pregnant women more likely to get influenza vaccine if provider recommends
  – Even among patients who have concerns
Strategies

• Reduce Missed Opportunities
  – Done by One schedule
  – Accelerated childhood schedule
    • Consider forecasting on minimum intervals
  – Vaccinate at EVERY visit
  – Simultaneous administration of all recommended vaccines!!
  – Standing orders

• Use Reminder Recall
  – RPMS letters, postcards/reminders

• Monitor Coverage

• Educate educate educate
  – Leverage partnerships with other programs and the community to get
    the message out about the importance of vaccination

• Use state/county registry to look up data
Your Secret Weapon
RPMS 3-27 month old immunization report

• Allows real-time monitoring of immunization coverage
• Identifies children falling behind while there is still time to do something about it!
• High coverage in 3-27 month old report = High 2 year old coverage = High GPRA measure coverage
ADULT IMMUNIZATION MEASURES
Pneumococcal Vaccine 65+ Years

Change in measure for 2013 data – Pneumo at or after 65 years of age
CRS - Pneumococcal Vaccine

2015 GPRA Goal: 85.7%

IHS:
- FY 2014 Q2: 84.40%
- FY 2015 Q2: 85.20%

CA:
- FY 2014 Q2: 76.80%
- FY 2015 Q2: 77.00%
GPRA Influenza Vaccine 65+ Years

IHS

CA
CRS - Influenza Vaccine 65+ Years

2015 GPRA GOAL: 67.2%

- IHS
- CA

FY 2014 Final
FY 2015 Q2
New for FY 2016

• GPRA/CRS
  – New influenza measure for FY 2016
    • FY 2016 will be baseline data year for new influenza measure for influenza vaccine coverage among ALL patients 6 months and older
CA Influenza Vaccine Coverage
March 31\textsuperscript{st}, 2015*

*Source: RPMS Immunization Quarterly Report Data.
Tools to get there

• Immunization package reports
  – Influenza Report
    • Run every week during flu season
    • Post coverage for all to see – establish goals
    • Review patients “Not Current”
  – Lists and Letters
    • Generate lists of patients due for flu, PPSV23 at 65 years
    • Conduct Reminder/Recall
  – Community Education
    • Check out free resources at www.cdc.gov/flu
    • Radio PSAs in Lakota, Yupik and Navajo
    • AI/AN Posters, Infographics
Other Initiatives

• Mandatory influenza vaccine for healthcare personnel

• Developmental Measures
  – Adult Composite Measure
    – Adults 19 years and older up to date with all age appropriate vaccines
    – Tdap, Zoster, PPSV23, Flu and
      » Tdap+Zoster+PPSV23+Flu
      » Tdap+Zoster+PPSV23
  – Maternal Immunization Measure
    – Tdap, Flu, and Tdap+Flu for pregnant women
Adult Composite Measure
FY 2014

Adult Composite Measure*

* Proportion of adults 19 years and older who received age appropriate vaccines Tdap, Zoster, PPSV23 and Influenza vaccine
Resources

• IHS Vaccine Preventable Diseases website - www.ihs.gov/epi
• Immunization Action Coalition – www.immunize.org
• CDC Influenza website – www.cdc.gov/flu