

CDSi: The Forest, Not Just The Trees

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ACIP

CDSi Project

CDS System

Clinician



IMMUNIZATIONS

NAME Juana Gonzales Morales | **Age** 5 years, 6 months | **DOB** 12/23/2005 | **Gender** Female
Height 22.7 kg | **Weight** 12345678 | **Allergies** Egg Albumin
Address 626433 | **Mobile** 555-1212 | **Parent/Guardian Contact** Juana Merida Gonzales | **Phone** (202) 555-1212

Legend: Recommended Date Alert Invalid Date Valid Date Overdue Deferred Delayed

Immunization	Current Status	Dose 1	Dose 2	Dose 3	Dose 4
Hepatitis B	ⓘ Deferred	12/23/2009	1/15/2010	ⓘ 10/30/2010	
Rotavirus	✓ Complete	1/22/2010	3/23/2010		
DTaP	✓ Complete	1/22/2010	3/23/2010	5/22/2010	2/21/2011

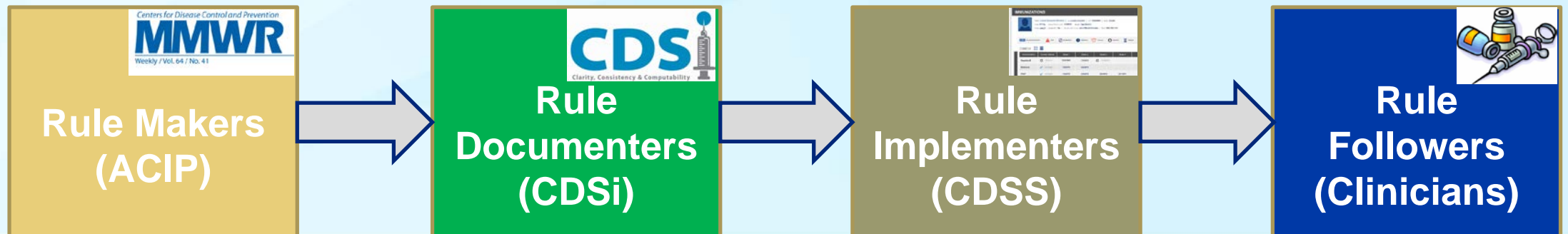
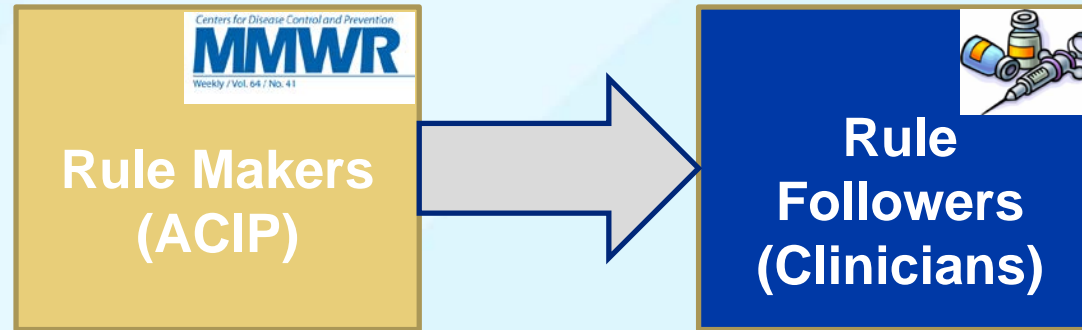


Rule
Makers

Rule
Documenters

Rule
Implementers

Rule
Followers

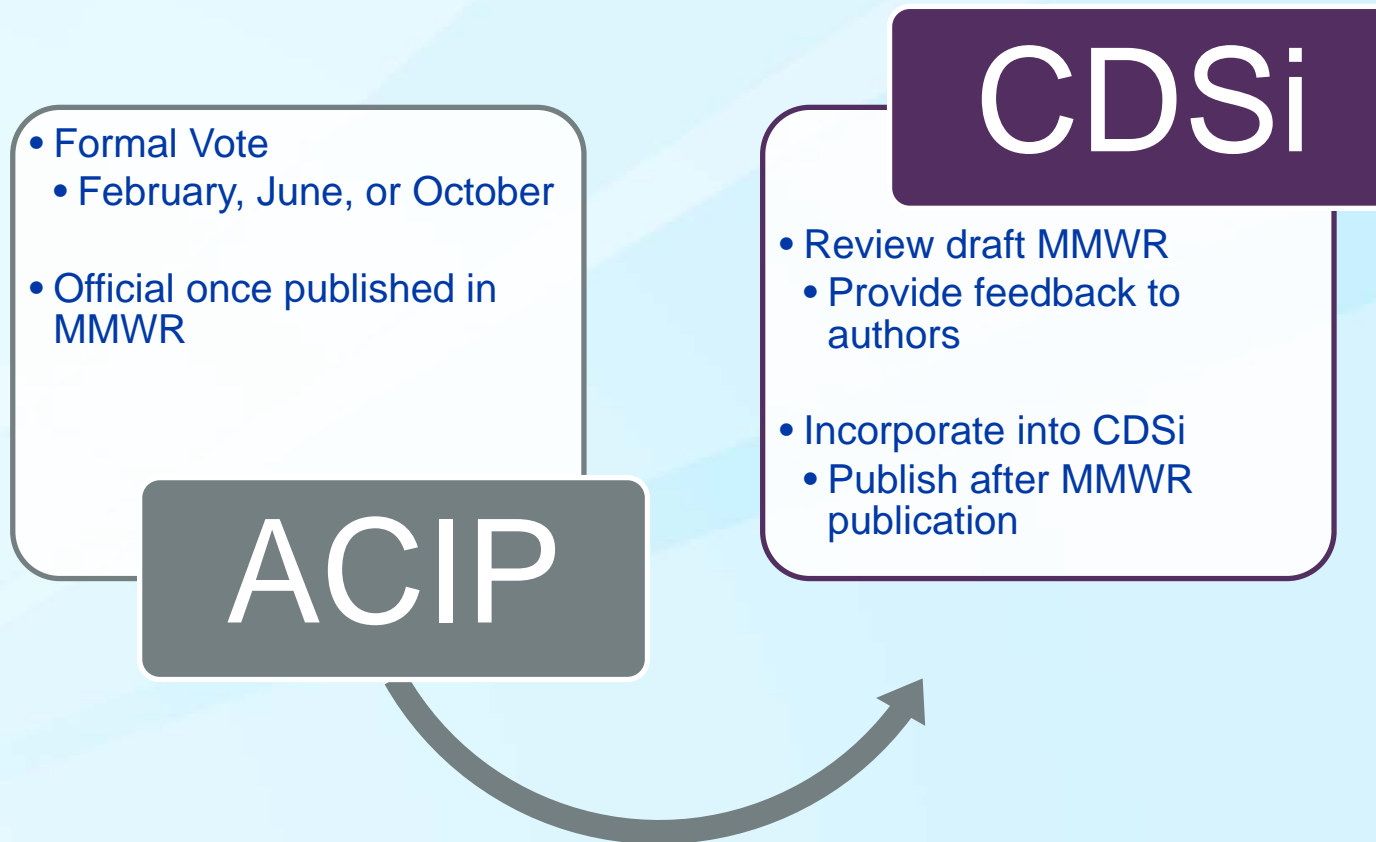




What Triggers Change in CDSi?

- New or Changed Recommendation
- Clarification
- New or Discontinued Vaccines
- Correction
- Scope Change

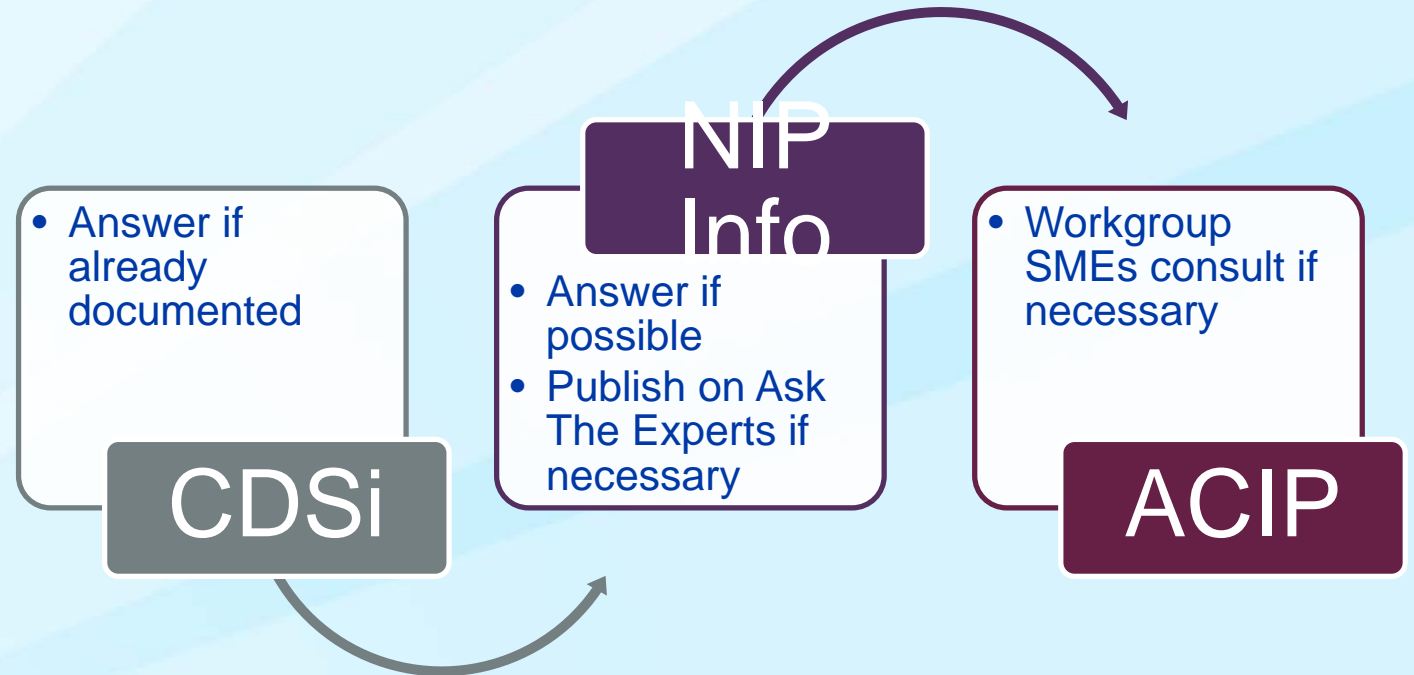
New or Changed Recommendation



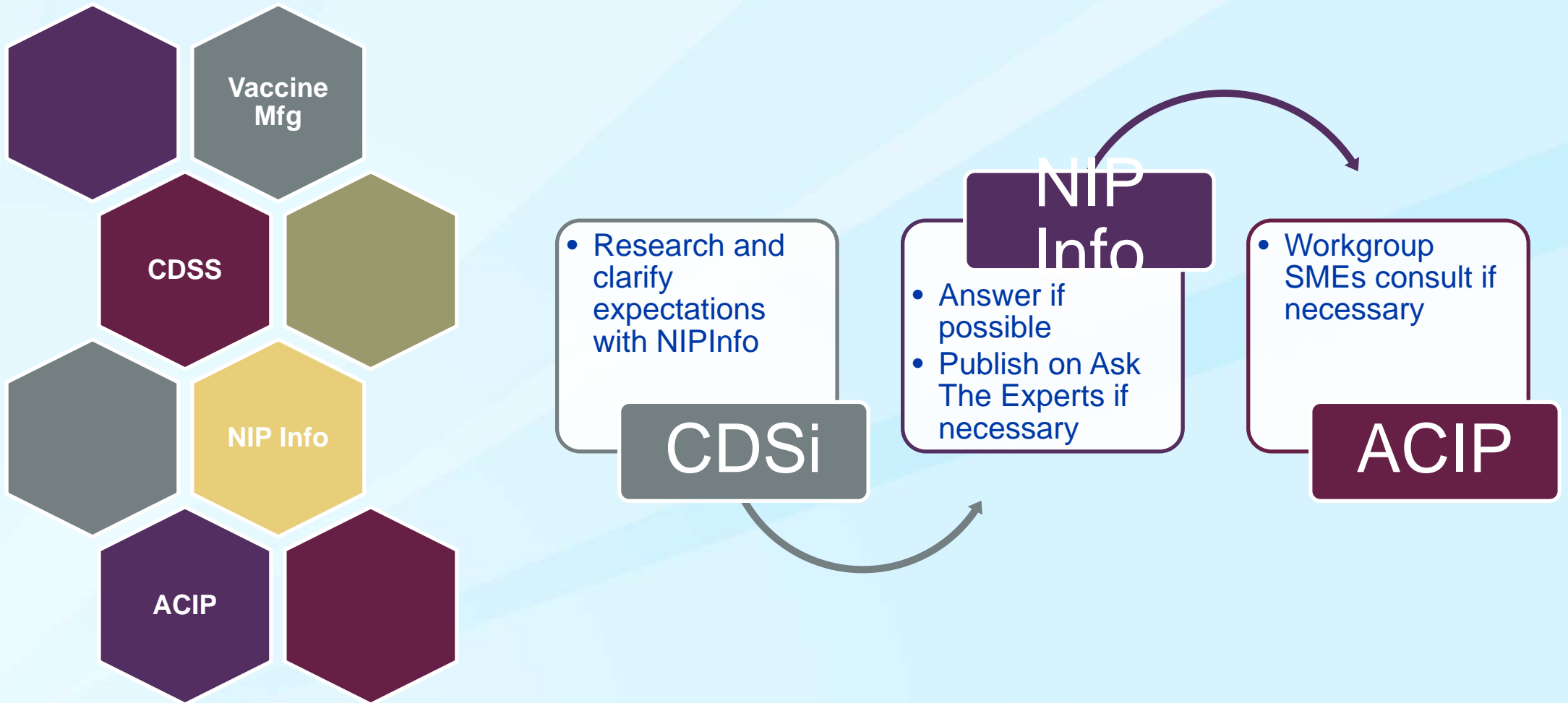
Clarification Triggers



Clarification Process



New or Discontinued Vaccine Triggers and Process



Maintaining a Healthy Forest – The Big Picture

ACIP

CDSi Project

CDS System



IMMUNIZATIONS

Name: Juana Gonzales Morales | Age: 5 years, 6 months | DOB: 12/23/2009 | Gender: Female
Weight: 22.7 kg | Medical Record Number: 13345678 | Allergies: Egg Albumin
Risk factors: [View](#) | Malaria Risk: Yes | Immunization Contact: Janna Merida Gonzalez | Phone: (202) 555-1212

Recommended Dose Alert Invalid Dose Valid Dose Overdue Deferred Delayed

Sort ▼

Immunization	Current Status	Dose 1	Dose 2	Dose 3	Dose 4
Hepatitis B	ⓘ Deferred	12/23/2009	1/19/2010	ⓘ 10/30/2010	
Rotavirus	✓ Complete	1/23/2010	3/23/2010		
DTaP	✓ Complete	1/23/2010	3/23/2010	5/23/2010	2/21/2011

Improved
Guideline
Consistency
and Clarity

Continue
and Improve
Relationship
with ACIP

Continued
Usage and
Feedback of
CDSi

Healthy Forest – How Rule Implementers Can Help

□ CDSi is Big

- ~120 Page Logic Specification
- 27 Excel Spreadsheets each with Multiple tabs
- ~950 Test Cases

□ Critical Focus Areas

- **Evaluation**
 - Valid vs. Not Valid
- **Forecast**
 - Earliest Date
 - Recommended Date
- **Participate**
 - Join the CDSi Informational Workgroup
 - Collect and Provide Feedback



Onto the trees of 3.0...