ACIP Dengue Vaccine Workgroup

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ACIP Members and Workgroup Co-Chairs
Advisory Committee on Immunization Practices
ACIP Meeting May 5th, 2021
# ACIP Dengue Vaccines Workgroup

## ACIP Members
- Kathy Poehling (Co-chair)
- Wilbur Chen (Co-Chair)
- Beth Bell
- Veronica McNally

## CDC Lead
- Gabriela Paz-Bailey

## Ex Officio Members
- Kaitlyn Morabito (NIH)
- Ralph LeBlanc (FDA)
- Kirk Prutzman (FDA)
- Srihari Seshadri (DOD)

## Ex Officio Members
- Edwin Asturias
- Robert Atmar
- Alan Barrett
- Anna Durbin
- Ines Esquilin
- Tony Marfin
- Hal Margolis
- Kristen Pierce
- Anita Shet
- Steve Waterman

## Liaison Representatives
- Elizabeth Barnett (AAP)
- Rob Schechter (AIM)

## Consultants
- Laura Adams
- Mimi Eckert
- Rachel Eidex
- Susan Hills
- Terri Hyde
- Mike McNeil
- Jorge Munoz
- Erin Staples
- Cindy Weinbaum
- Rita Helfand

## CDC Contributors
- Laura Adams
- Mimi Eckert
- Rachel Eidex
- Susan Hills
- Terri Hyde
- Mike McNeil
- Jorge Munoz
- Erin Staples
- Cindy Weinbaum
- Rita Helfand
Dengvaxia timeline

- 2015: Phase 3 results >risk hosp. 2-5y
- 2016: WHO/SAGE recommendation 9-45y in high seroprevalence areas
- 2017: Case-cohort study shows increase risk of severe dengue among serostatus
- 2018: WHO revised recommendation to screen + vaccinate ACIP dengue vaccine workgroup
- 2019: FDA licences dengue vaccine
- 2021: ACIP vote on recommendation
Dengue Vaccine Workgroup discussions
Feb-May 2021

• Performance recommendations for a pre-vaccination screening test
• Evidence to recommendations framework
• Key messages for providers and families
Importance of a specific test for pre-vaccination screening

• CYD-TCV vaccine requires pre-vaccination screening
• Pre-vaccination dengue screening needs to be
  • specific to minimize vaccination of seronegative children
  • sensitive to maximize identification of children who can benefit
• Test performance characteristics to be included with ACIP recommendations
• CDC evaluation identified one ELISA tests and two rapid tests meeting recommended criteria with high specificity and sensitivity
ACIP Schedule 2021

• ACIP May 2021 Meeting
  • EtR and draft WG recommendations (NO VOTE)

• ACIP June 2021 Meeting
  • ACIP vote CYD TDV recommendations
Presentation today

Dengue vaccine

Evidence to recommendations framework

Gabriela Paz Bailey, MD, PhD, MSc

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