

ACIP Dengue Vaccine Workgroup

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ACIP Members and Workgroup Co-Chairs

Advisory Committee on Immunization Practices

ACIP Meeting June 23, 2021

ACIP Dengue Vaccines Workgroup

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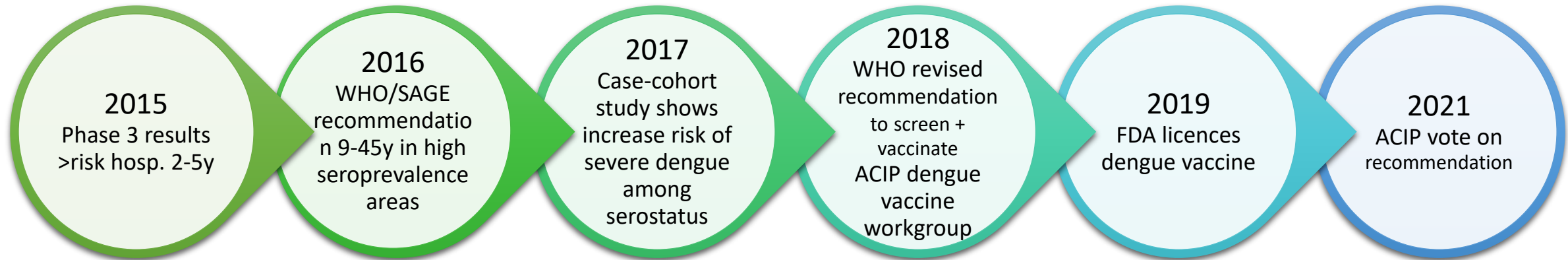
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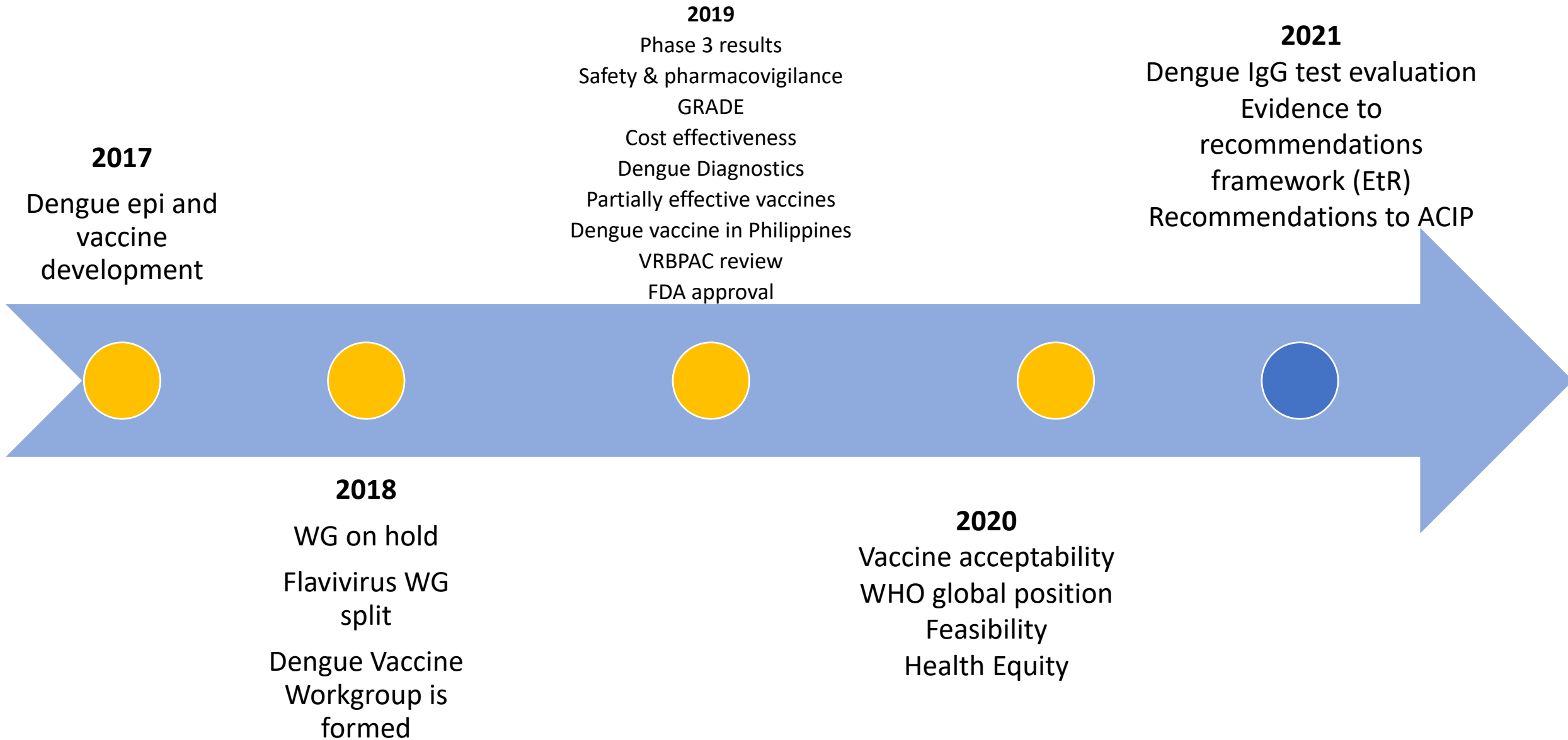
Erin Staples

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Dengvaxia timeline



Dengue vaccine workgroup timeline



February 24-25, 2021

Importance of a specific test for pre-vaccination screening

- CYD-TCV vaccine presents novel challenges due to requirement of pre-vaccination screening
- A test for pre-vaccination dengue screening needs to be specific to minimize vaccination of seronegative children and sensitive to maximize identification of children who can benefit from the vaccine
- CDC evaluated commercially available tests and identified one ELISA tests and two versions of a rapid test with high specificity and sensitivity
- Test performance characteristics in the MMWR with ACIP recommendations and on CDC website

May 5, 2021

**Evidence to recommendations framework
Consensus from ACIP Dengue Vaccine Workgroup**

- Dengue is an important public health problem
- Dengvaxia is an effective vaccine for seropositive children ages 9-16 years
- Balance of benefits and risks favors benefits
- Acceptable to target population and stakeholders
- Cost-effective strategy under the expected seroprevalence scenarios
- Will increase health equity
- Feasible to implement
- Proposal for routine recommendation for children 9-16 years

ACIP Schedule 2021

- ACIP June 2021 Meeting
 - VOTE Dengvaxia recommendations

Presentations today

Acceptability of dengue vaccine in Puerto Rico

Dr. Ines Esquilin, Professor, University of Puerto Rico, School of Medicine

Implementation of dengue vaccine in Puerto Rico

Dr. Iris Cardona, Chief Medical Officer, Department of Health, Puerto Rico

Dengue vaccine draft recommendations using the evidence to recommendation framework

Dr. Gabriela Paz-Bailey, CDC, NCEZID, DVBD