

TICK-BORNE ENCEPHALITIS (TBE) VACCINE

Katherine Poehling, M.D.

Chair, ACIP TBE Vaccine Work Group

February 24, 2021

TBE Vaccine Work Group members and participants

ACIP

Kathy Poehling (Chair)

Wilbur Chen

ACIP liaisons

David Shlim, ISTM

Mark Sawyer, AAP

Technical advisors (cont'd)

Kayvon Modjarrad, DOD

Steven Schofield, CATMAT

Bryan Schumacher, DOD

Mary Wilson, Univ Calif SFO

CDC participants (cont'd)

Caitlin Cossaboom, DHCPP

Stacey Martin, DVBD

Michael McNeil, DHQP

Rebecca Morgan, Consultant

CDC Lead

Susan Hills, DVBD

Technical advisors

Alan Barrett, Univ Texas Galveston

Lin Chen, Mount Auburn Hosp

CDC participants

Grace Appiah, DGMQ

Doug Campos-Outcalt, Consultant

Susan Chu, GID

Erin Staples, DVBD

Steve Waterman, DVBD

ACIP Secretariat

Jessica MacNeil, NCIRD

Amanda Cohn, NCIRD

Ex Officio

Rodolfo (Rudy) Alarcon, NIH

Ihid Carneiro Leao, FDA

Katherine Kinder, DOD

Tony Marfin, PATH

Bruce McClenathan, DOD

Background

- Pfizer has submitted a Biologics License Application (BLA) to Food and Drug Administration (FDA) for their TBE vaccine
- Licensure possible by 3rd quarter of 2021
- No TBE vaccine previously licensed in the United States
- No existing ACIP TBE vaccine recommendations

Terms of Reference for TBE Vaccine Work Group

- To review information on TBE, including its epidemiology, clinical presentation, diagnosis, treatment, and outcome
- To review data on infection risk and burden for U.S. civilian and military travelers and laboratory workers
- To review data on vaccine safety, immunogenicity, and effectiveness
- To provide evidence-based recommendation options for ACIP
- To identify areas in need of further research for informing potential future vaccine recommendations
- To publish ACIP recommendations in the Morbidity and Mortality Weekly Report (MMWR)

Today's topics

- TBE epidemiology in TBE endemic areas
 - Susan Hills (CDC/NCEZID)
- TBE among US civilian travelers and laboratory workers
 - Erin Staples (CDC/NCEZID)
- TBE and the Department of Defence experience
 - Bruce McClenathan (DoD)
- Summary and next steps for TBE Vaccine Work Group
 - Susan Hills (CDC/NCEZID)

Work Group timeline (planned), Feb 2021–Oct 2021

