Rabies Work Group Update

Sharon Frey, MD, FACP, FIDSA
Chair, ACIP Rabies Work Group

ACIP Meeting
February 24, 2021
Work Group Members

ACIP Members
Sharon Frey (chair)
Lynn Bahta

Liaison Representatives
AAFP- James Stevermer
NASPHV- Katie Brown and Sally Slavinski
NACCHO- Matt Zahn
AAP- Elizabeth Bennett
APhA- Karl Hess
NACI- Julie Emili and Linlu Zhao
FDA- Paula Agger and Robin Levis
NIH- Eun-Chung Park

Invited Consultants
Subject Matter Expert- Deborah Briggs
Subject Matter Expert- Susan Moore
Travel medicine- David Shlim
Emergency Medicine – Greg Moran
APHL-Michael Pentella

CDC
Rabies Work Group leads – Agam Rao & Jesse Blanton
Immunization Safety Office – Pedro Moro
Division of Global Migration and Quarantine- Kristina Angelo
ACIP rabies sessions until now: PreP

- **October 2018:** Introduced formation of WG
- **October 2019 and February 2020**
  - Reviewed vaccine safety, and work group considerations for changes to PrEP
  - Gathered feedback from committee about data they would need to make changes to 2008 ACIP recommendations
  - Conveyed WG conclusions about pediatric patients having similar responses (if not more robust) than those of healthy persons
  - Showed evidence to support WG move to use data from intradermal series to influence intramuscular series recommendations
  - Explained why 0.5 IU/mL should be the minimum rabies antibody titer cut-off
  - Redefined risk categories for PrEP
  - Presented GRADE and EtR for 2 PrEP policy questions
WG activities since last ACIP meeting

- Understanding pre-exposure prophylaxis (PrEP) costs, including those incurred by PrEP recipients

- Post-exposure prophylaxis (PEP)
  - Developing guidance for front line clinicians who make decisions about whether PEP is indicated
  - Evaluating two Rabies Immune Globulin (RIG) products licensed since 2008 ACIP recommendations
  - Assessing data about the current ACIP recommendation for RIG infiltration around a wound and for remainder administered intramuscularly
  - Evaluating immunogenicity of PEP in persons aged ≥ 65
WG’s goal for today

- **PrEP**
  - Address questions raised by the ACIP about PrEP costs
  - Summarize clinical guidance presented at previous meetings
  - Recap policy questions, Evidence tables, and Evidence to Recommend frameworks
  - Commence vote on two proposed policy questions

- **PEP**
  - Provide background information about PEP
  - Convey WG conclusions about RIG
Anticipated timeline

- Finish PrEP
- Begin PEP presentations and discussions

February 2021

- Present WG interpretation of data about PEP schedules (GRADE and EtR if WG prefers change)
- Clinical guidance, e.g., for PrEP and PEP schedule deviations
- Vote IF WG identifies PEP topic(s) requiring vote

June 2021

October 2021

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Today’s agenda

- Rabies pre-exposure prophylaxis: Summary of background information important to today’s vote
- Rabies pre-exposure prophylaxis: Summary of GRADE and EtR

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- Rabies post-exposure prophylaxis: Background
- Work group interpretations of data about rabies immune globulin
- Next steps

================== Break and public comment

- PrEP vote (two recommendations)

*All presentations are provided by Dr. Agam Rao (CDC/NCEZID)*
Thank you!

For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.