National Center for Immunization & Respiratory Diseases



Pertussis Vaccines Session

Henry Bernstein, MD, MHCM
Chair, ACIP Pertussis Vaccines Work Group

Advisory Committee on Immunization Practices
June 26, 2019

ACIP Pertussis Vaccines Work Group

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Questions to be addressed by ACIP

- Should the current recommendation that non-pregnant adults receive a single lifetime dose of Tdap with Td boosters every 10 years be changed to allow any Td-containing vaccine (Tdap or Td) to be used for the decennial Td booster?
- Should any Td-containing vaccine (Tdap or Td) be allowed for tetanus prophylaxis in the setting of wound management?
- New: Should the catch-up immunization schedule for Tdap/Td be changed for those ≥7 years of age?

What prompted these questions?

- FDA label change to Sanofi's Tdap product (Adacel)
 - Routine booster: Allows a second dose of Adacel may be administered
 ≥8 years after the first dose of Tdap
 - Wound management: A booster dose of Adacel may be administered if
 ≥5 years since previous receipt of a tetanus toxoid containing vaccine
- No change to GSK's Tdap product (Boostrix)
- Evidence that repeat Tdap vaccination is widespread

Current ACIP Tdap recommendations: Non-pregnant adolescents and adults

- Single Tdap dose
 - Adolescents 11–18 years, preferred 11–12 years (2005)
 - Adults ≥19 years (2005)
 - No minimum interval since last Td vaccine
- Previously received Tdap:
 - Decennial Td booster
 - Use Td for wound management
 - If Td unavailable, may administer Tdap

Tdap primary immunization for ≥7 years of age for those not fully immunized

- 1 dose Tdap as part of the catch-up series (preferably the first dose)
- If additional doses are needed, use Td
- Catch-up schedule includes pregnant women



Liang JL, et al. Prevention of Pertussis, Tetanus, and Diphtheria with Vaccines in the United States: Recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR Recomm Rep. 2018 Apr 27;67(2):1-44.

For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov

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