

Hepatitis B (HepB) Vaccine Introduction

**José Romero, MD, FAAP, FIDSA, FPIDS
ACIP Member**

Advisory Committee on Immunization Practices
October 19, 2016

ACIP Hepatitis WG Term of Reference

□ Update ACIP recommendations for hepatitis B vaccine

■ Current ACIP recommendations

- ACIP Routine Recommendation for Hepatitis B Vaccine (Infants/Children). MMWR 2005 Dec 23;54(RR-16):1-33.
- ACIP Routine Recommendation for Hepatitis B Vaccine (Adult). MMWR 2006 Dec 8;55(RR-16):1-33.
- Use of hepatitis B vaccination for adults with diabetes mellitus: recommendations of the ACIP. MMWR 2011 Dec 23;60(50):1709-11.

■ Current CDC Guidelines

- CDC guidance for evaluating health-care personnel for hepatitis B virus protection and for administering postexposure management. MMWR 2013 Dec 20;62(RR-10):1-19.
- Update: Shortened Interval for Postvaccination Serologic Testing of Infants Born to Hepatitis B-Infected Mothers. MMWR 2015 Oct 9;64(39):1118-20.

Objectives

- ❑ **Vote on removing the permissive language for the hepatitis B vaccine birth dose to be administered after hospital discharge**
- ❑ **Vote to approve the revised hepatitis B vaccine statement**

Work Group Considerations

- ❑ **During February-September 2016, the Work Group deliberated on hepatitis B vaccine recommendation topics and held five teleconference meetings**
- ❑ **Work Group and ACIP members reviewed and commented on a draft of the statement prior to the ACIP's October 2016 meeting**

Key Updates to HepB Vaccine Recommendations

- ❑ **Removal of permissive language for delaying birth dose**
- ❑ **Provide examples of chronic liver disease (CLD), including recommending HepB vaccine for persons with HCV infection**
- ❑ **Postvaccination serologic testing for infants whose mother's HBsAg status remains unknown indefinitely**
- ❑ **Testing HBsAg-positive pregnant women for HBV DNA**
 - Guidance on the use of maternal antiviral therapy during pregnancy

Hepatitis Work Group Members

ACIP Members

Arthur Reingold (Chair)

José Romero

Liaison Representatives

Natali Aziz (ACOG)

Elizabeth Barnett (AAP)

Susan Even (ACHA)

Christine Finley (AIM)

Susan Lett (CSTE)

Amy Middleman (SAHM)

Gregory Poland (ACP)

Pamela Rockwell (AAFP)

David Weber (SHEA)

Matthew Zahn (NACCHO)

Ex Officio Member

Marian Major (FDA)

Consultants

Sharon Balter (NYC-DOH)

Robert Frenck (CCHMC)

Kathleen Harriman (CDPH)*

Brian McMahon (ANTHC)

David Nace (AMDA)

Brenna Simons (ANTHC)

Ann Thomas (OR-DHS/OHA)

Jennifer Zipprich (CDPH)

CDC Lead

Noele Nelson

(CDC/Viral Hepatitis Division)

* Former ACIP member during deliberations

Acknowledgements

❑ NCHHSTP/ Division of Viral Hepatitis

- ❑ Mona Doshani
- ❑ Alaya Koneru
- ❑ Claudia Vellozzi
- ❑ John Ward

❑ NCIRD/ Immunization Services Division

❑ ACIP Hepatitis Work Group

❑ CDC contributors:

Carolyn Bridges

Maria Cano

Melissa Collier

Mark Gershman

Penina Haber

Aaron Harris

Beth Hibbs

Scott Holmberg

Ruth Jiles

David Kim

Sarah Schillie

Phil Spradling

Tureka Watson

Donna Weaver

Matthew Wise