

ACIP Hepatitis Work Group

Mark Sawyer, MD – Chair

Introduction

June 20, 2012

National Center for HIV/AIDS, Viral Hepatitis, STD & TB Prevention
Division of Viral Hepatitis



Term of Reference

- Ensure hepatitis B protection for healthcare personnel (HCP), including trainees, who received Hepatitis B (HepB) vaccination in the past without post-vaccination serologic testing¹
- 10 year time frame, recommendations under discussion considered interim

¹Or who no longer have a record of post-vaccination serologic test result

Synopsis of Issue

- **Post-vaccination serologic testing (antibody to hepatitis B surface antigen [anti-HBs]) recommended 1-2 months after HepB vaccine series for HCP at high risk for exposure to blood and body fluids¹**
- **Increasing proportion of HCP entering training and workforce have received HepB vaccine series in remote past as part of routine infant (or catch-up) vaccination**
 - Post-vaccination serologic testing not recommended after routine infant (or catch-up) HepB vaccination²

¹MMWR 2011

²MMWR 2005

Work Group Discussed 5 Approaches to Evaluate for Protection

Post-exposure evaluation

1. All sources (HBV-negative, positive, or unknown)
 - b. HBV-positive or unknown sources

Pre-exposure evaluation

2. Anti-HBs testing; HepB dose if necessary
3. HepB dose and anti-HBs testing

Hybrid evaluation

- a. Pre-exposure HepB dose; post-exposure, all sources

Examined separately for trainees and non-trainees

Work Group Activities

- 10 Work Group teleconferences
- ACIP presentations February 2012
- HICPAC presentation June 2012
- ACIP presentations today
 - Overview of issues
 - Model inputs for cost-effectiveness analyses
 - Results of cost-effectiveness analyses
 - Recommendations under discussion

Members of ACIP Hepatitis Work Group

- ❑ **Mark Sawyer, ACIP, Chair**
- ❑ **Douglas Campos Outcalt, ACIP**
- ❑ **Kristen Ehresmann, ACIP**
- ❑ **Jonathan Temte, ACIP**
- ❑ **Alexis Elward, HICPAC Liaison**
- ❑ **Stephen Feinstone, FDA**
- ❑ **Kathleen Harriman, CDPH**
- ❑ **Samuel Katz, Former ACIP Chair**
- ❑ **Harry Keyserling, SHEA Liaison**
- ❑ **Thomas Koinis, AAFP**
- ❑ **Myron Levin, Former ACIP Chair**
- ❑ **Brian McMahon, ANTHC**
- ❑ **Amy Middleman, SAHM Liaison**
- ❑ **David Nace, AMDA**
- ❑ **Poki Namkung, NACCHO**
- ❑ **Georges Peter, Brown U**
- ❑ **Brenna Simons, ANTHC**
- ❑ **James Turner, ACHA Liaison**
- ❑ **David Weber, SHEA**
- ❑ **Geoff Beckett, CDC/DVH**
- ❑ **Kathy Byrd, CDC/DVH**
- ❑ **Scott Holmberg, CDC/DVH**
- ❑ **Erin Kennedy, CDC/ISD**
- ❑ **David Kuhar, CDC/DHQP**
- ❑ **Trudy Murphy, CDC/DVH**
- ❑ **Marie de Perio, NIOSH**
- ❑ **Sarah Schillie, CDC/DVH**
- ❑ **Philip Spradling, CDC/DVH**
- ❑ **Eyasu Teshale, CDC/DVH**
- ❑ **Cindy Weinbaum, CDC/DHQP**
- ❑ **Fujie Xu, CDC/DVH**