



## **HEPATITIS B VACCINE ADMINISTRATION PROCEDURE (SAF- P005)**

Clarksville-Montgomery County School System

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### **1.0 SCOPE:**

- 1.1 This procedure outlines the process under physician orders for nurses to vaccinate eligible candidates for Hepatitis B.

### **2.0 RESPONSIBILITY:**

- 2.1 School Nurse
- 2.2 Safety and Health Manager

The online version of this procedure is official. Therefore, all printed versions of this document are unofficial copies.

### **3.0 APPROVAL AUTHORITY:**

- 3.1 Safety and Health Director

### **4.0 DEFINITIONS:**

- 4.1 Hepatitis B Vaccination – a vaccine developed for the prevention of hepatitis B virus infection.

### **5.0 PROCEDURE:**

- 5.1 Identify adults in need of hepatitis B vaccination based on occupational risk of infection through exposure to blood or blood-contaminated body fluids (e.g., healthcare worker, public safety worker, trainee in a health professional or allied health school).
- 5.2 Screen all adults for contraindications and precautions to Hepatitis B.
  - A. **Contraindication:** a history of a serious reaction (e.g., anaphylaxis) after a previous dose of hepatitis B vaccine or to a hepatitis B vaccine component.
  - B. Precautions: moderate or severe acute illness with or without fever.
- 5.3 Provide all with the most current federal Vaccine Information Statement (VIS). The verification is documented on the Hepatitis consent ([SAF- F021](#)).
- 5.4 Administer Hepatitis B vaccine as follows:
  - A. Administer hepatitis B vaccine intramuscularly (22–25 g, 1–1½” needle) in the deltoid muscle. For persons age 20 years or older, give 1.0 mL dosage; for persons age 19 years or younger, give 0.5 mL dosage.
  - B. Provide subsequent doses of hepatitis B vaccine to complete each patient’s 3-dose schedule by observing a minimum interval of 4 weeks between the first and second doses, 8 weeks between the second and third doses, and at least 4 months (16 weeks) between the first and third doses.
- 5.5 Document each patient’s vaccine administration information on form [SAF-F021](#). Record the date the vaccine was administered, the manufacturer and lot number, the



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vaccination site and route, and the name and title of the person administering the vaccine.

5.6 Be prepared for management of a medical emergency related to the administration of vaccine by following these guidelines for an anaphylactic reaction:

- A. If itching and swelling are confined to the injection site where the vaccination was given, observe patient closely for the development of generalized symptoms.
- B. If symptoms are generalized, activate the emergency medical system (EMS; e.g., call 911). This should while a second person assesses the airway, breathing, circulation and level of consciousness of the patient.
- C. Administer aqueous epinephrine 1:1000 dilution intramuscularly, 0.01 mL/kg/dose (adult dose ranges from 0.3mL to 0.5mL, with maximum single dose of 0.5mL).
- D. Monitor closely until EMS arrives. Perform cardiopulmonary resuscitation (CPR), if necessary, and maintain airway. Keep patient in supine position (flat on back) unless he or she is having breathing difficulty. If breathing is difficult, patient's head may be elevated.
- E. If EMS has not arrived and symptoms are still present, repeat dose of epinephrine every 10-20 minutes for up to 3 doses, depending on patient's response.
- F. Record interventions, including medications administered to the patient, the time, dosage, and response.

### 6.0 ASSOCIATED DOCUMENTS:

6.1 Federal Vaccine Information Statement (VIS) <http://www.cdc.gov/vaccines/pubs/vis/>

6.2 Hepatitis B Vaccine Consent [SAF-F021](#)

### 7.0 RECORD RETENTION TABLE:

<u>Identification</u>	<u>Storage</u>	<u>Retention</u>	<u>Disposition</u>	<u>Protection</u>
Hepatitis B Vaccine Consent	Safety and Health Department	Indefinite		Secured Office

### 8.0 REVISION HISTORY:

<u>Date:</u>	<u>Rev.</u>	<u>Description of Revision:</u>
5/23/12	IR	
12/13/16		Updated department name and logo.

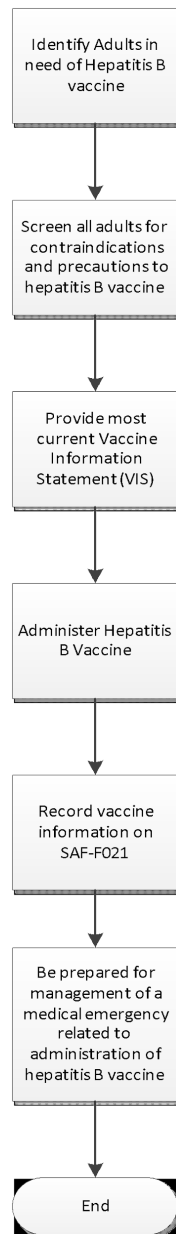
### 9.0 FLOWCHART:

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9.1 A flowchart detailing this process can be found below.



**\*\*\*End of Procedure\*\*\***