

CARSON CITY SCHOOL DISTRICT

HEPATITIS B VACCINATION PROTOCOL VACCINATION ADMINISTRATION STANDING ORDER

NURSING STANDING ORDER # _____

Effective Date: _____

Originator Name

Medical Advisor-Physician

STATEMENT OF INTENT

Hepatitis B vaccine is offered at designated school sites (Carson High School and Carson Middle School) for school employees only. The Hepatitis B vaccine will be offered per Policy No. 342, to certain employees at the School District's expense. All other employees will be charged a nominal fee. This offer is for District employees only and not subject to other family members.

PROCEDURE:

1. Vaccination will be offered during the traditional school year at Carson High School and Carson Middle School when the school nurse is normally scheduled to work. Summer and after school hours will be privately scheduled with the Carson City School District chief nurse.
2. Information will be provided to the employee in the form of the current VIS (vaccine information statement) describing the risks and benefits of vaccination.
3. Employee's agreeing to be vaccinated must sign a consent form.
4. The school nurse shall administer three doses of Hepatitis B vaccine following the manufacturer instructions and the recommendations from the ACIP (Advisory Committee on Immunization Practice) *General Recommendation on Immunization*.
5. The Carson High School nurse and the Carson Middle School nurse will keep on file a Clinic Immunization Record of vaccine. When a series is completed, the Clinic Immunization Record is to be stored at the Carson City School District Office.

HEPATITIS B VACCINATION PROTOCOL - CONTINUED

6. The employee will be initially informed of the vaccine series and when doses are due. It is the responsibility of the employee to be vaccinated on time. The appropriate school nurse will periodically remind staff who are receiving their series when they are late for the next dose.
7. The School District will assume the book *Epidemiology and Prevention of Vaccine-Preventable Diseases* as their reference source regarding Hepatitis vaccine.

EMERGENCY TREATMENT: ANAPHYLAXIS

-adapted from the State of Nevada Health Division protocol for the management of anaphylaxis

Population: Adult

Definition: Anaphylaxis may occur within seconds to minutes after exposure to an offending antigen. It is an exaggerated hypersensitivity...that may present as a localized wheal and flare generalized itching, hyperemia, angioneurotic edema and in severe cases vascular collapse, bronchospasm and shock (Mosby's Pocket Dictionary, 1990).

Symptoms:

- a) itching
- b) wheezing and coughing
- c) feeling of suffocation
- d) dyspnea
- e) tightness of chest
- f) apprehension, restlessness
- g) lightheadedness
- h) nausea and vomiting

Signs:

- a) erythema of skin, flushing
- b) swelling of skin with urticaria, wheals and angioneurotic edema
- c) cyanosis
- d) tachycardia, tachypnea, variable B/P, stridor
- e) hypotension and shock
- f) loss of consciousness
- g) cardiac arrest

Management:

Therapeutic (monitor vital signs for all reactions)

- a) Urticaria alone (no wheezing): if patient presents 30 minutes or longer after vaccination (reaction was slow to start) and expresses no other symptoms and is otherwise stable administer 50mg oral Benadryl®

HEPATITIS B VACCINATION PROTOCOL - CONTINUED

- b) Urticaria alone: If patient develops symptoms within a few minutes of receiving a vaccine then place in a supine position, loosen clothing, check vital signs and assess mental and respiratory status. Administer 1cc of 50mg/ml Benadryl® IM. If urticaria improves, have patient wait 30 minutes after treatment. Notify primary care physician for further orders. Obtain patients phone number for follow-up.
- c) Urticaria with increasing reactions such as edema, mild wheezing, nausea or vomiting administer 0.5cc 1:1000 epinephrine subcutaneously or 0.3 cc for a small adult. Call 911.