



MEDICAL DIRECTIVE

Hepatitis B Vaccine for Hepatitis B Drug Prophylaxis

Approved by/Date: Medical Advisory Committee – June 26, 2012

Authorizing physician(s)

Physician of the Domestic Violence/Sexual Assault Care Centre (DV/SACC)
Emergency Department Physicians (LH Oshawa Only)

Authorized to who

Registered Nurses working at the DV/SACC who have been certified as a Sexual Assault Nurse Examiner (SANE) or nurses that hold the knowledge, skill and judgment that work within the DV/SACC Program.

Patient Description / Population

Any sexual assault client over 12 years of age when vaginal or anal penetration with a penis has occurred and/or is uncertain or does not remember the sexual assault, regardless of condom use or ejaculation.

Medical Directive Description/Physician's Order

- **Recombivax** HB 10 mcg/mL
- **Engerix B** 20 mcg/mL
- Adult formulations of hepatitis B vaccine differ in concentration; however the dose volume is the same for both products.
Adults 20 years and older: give 1 mL dose IM deltoid
Adolescents over 12 to 19 years: give 0.5 mL dose IM deltoid

Dose 1 at initial visit

Dose 2 at one month

Dose 3 at six months

**Clients should be monitored for 15 minutes following immunization for adverse reactions*

**On return visit ensure patient is given the same product that they were started on.*

Specific conditions/circumstances that must be met before the Directive can be implemented

- Client must be registered to DV/SACC
- DV/SACC standard sexual assault and health history be completed by the RN in consultation with the client
- Client has not been immunized for Hepatitis B or unsure of status
- HBsAb (Anti-HBs) is negative
- Inform client of options regarding Hepatitis B vaccine

Originating Committee: Emergency Program Council, March 26, 2012

Medical Advisory Committee: June 26, 2012

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- Explain to client why it is important to receive Hepatitis B vaccine in conjunction with Hepatitis B Immune globulin
- If client is pregnant, the nurse must consult with the DV/SACC physician (or Emergency Physician if not available) to ascertain whether the client may receive Hepatitis B vaccine

Contraindications to the implementation of the Directive

- Allergy to mercury, thimerisol, aluminum hydroxide or a previous adverse reaction is known
- Client has a fever greater than 38°C
- It is not known whether the Hepatitis B vaccine can be administered safely during pregnancy
- If client has any contraindications notify DV/SACC physician (or Emergency Physician if not available) for alternative treatment

Identify relevant Delegated Control Act or Added Skill associated with this Directive

None

Documentation requirements

- Document medication administration as per Lakeridge Health Policy
- Document on client treatment and follow-up form

Review/Evaluation Process (how often/by who)

Review to be done on a biannual basis. Review to be conducted by the DV/SACC Medical Director and the DV/SACC RN.

Related Documents

Hepatitis B Immune Globulin (HBIG) for Hepatitis B Virus Prophylaxis Medical Directive

References

- Ontario Network of Sexual Assault and Domestic Violence Treatment Centres- Medical Guidelines for HIV Post Exposure Prophylaxis for Sexual Assault Survivors (2011)
- Ontario Network of Sexual Assault and Domestic Violence Treatment Centres- Medical Directives (2011)
- College of Nurses of Ontario (2012)
- Canadian Guidelines on Sexually Transmitted Infections, Public Health Agency of Canada (2006)