Waikato hepatitis protocol for management of pregnant woman, household contacts and babies born to HBsAg mothers

Screen all women early in pregnancy for Hepatitis B surface antigen (if no screening, refer to Waikato DHB ‘management of maternal Hepatitis B status and neonatal vaccination and immunoglobulin’ protocol).

Ministry of Health Hepatitis B form – code 1446
Lead maternity carer actions:
- White copy to remain with infant’s clinical record
- Email / fax / post copy of white page to National Immunisation Registration: NIRcoordinators@waikatodhb.health.nz / 07 834 3637
- Yellow copy fax/post to medical officer of health: 07 836 2382 / Private Bag 3200, Hamilton 3240
- Green copy to infant’s GP

National immunisation register to forward form to Waikato immunisation facilitator

Waikato immunisation facilitator to follow up with infant’s GP practice to ensure alert is loaded. Also enter hard copy alert in infant’s clinical record at GP practice.

Blood test declined

HPA0 15/11

Blood Bank

Lead maternity carer to give the baby
(who in 12 hours):
- Hepatitis B Immunoglobulin 100-110IU IM into the right thigh as supplied by Blood Bank
- Hepatitis B vaccine 5μg IM into the left thigh

Lead maternity carer:
- Ensure sticker is sent with immunoglobulin

Blood Bank:
- Ensure sticker is sent with immunoglobulin

GP pre-call for nine month serology

Nearly month blood test completed

HBsAg Positive

Antenatal screen received by Population Health from Pathlab or Waikato Hospital Laboratory. Record file for statistics and reference only

Lead maternity carer:
- Upon receipt of the HBsAg result, check that add-ons have been done (HBsAg + LFTs). If not, request them off existing blood samples at laboratory
- Take additional sample in EDTA tube for HBV DNA
- Interpretation and/or referral (under Section 88):
  - If ALT elevated and/or HBV DNA >2000 IU/mL → standard referral to viral Hepatitis Clinic (via Referral Co-ordination Centre)
  - If HBV DNA >7 log10 IU/mL → urgent referral to viral Hepatitis Clinic
  - If ALT normal + HBV DNA <2000IU/mL – refer to GP for annual testing and follow up, or to the Hepatitis Foundation National HBV surveillance programme
- Record results in women’s clinical record and advise other carers - e.g. GP or midwife
- Discuss follow up and referral processes with mother - both for mother and baby at birth
- Refer to Hepatitis Foundation for follow up of mother and contacts

Hepatitis Foundation
- Check immunisation status of family members and/or sexual partners and advise to contact their GP for management
- Provide woman with information pack and consent form, and discuss. It is available from Population Health: 07 838 2569 or Waikato Hospital Ext 92061

If you have any questions about any elements of management contact the Medical Officer of Health 07 838 2569 or the NIR 0800 100 273