

NHS England North Midlands (Derbyshire & Nottinghamshire)
Neonatal Hepatitis B Immunisation Service – for babies born to hepatitis B positive mothers only

Universal antenatal screening for Hepatitis B infection
 NICE guidelines recommend booking bloods to be undertaken at 8-10 weeks gestation
 Women who present later in pregnancy should be offered screening (even at delivery)

Antenatal Care: responding to a positive result

On receipt of a Hepatitis B positive (HBsAg +ve) result, The screening coordinators are required to:

- Inform the Trust's Obstetrician GP, Health Protection Team (PHE) & CHRDR (**Form H**)
- Ensure processes are in place to ensure the woman receives her results and these are documented in her notes, with her consent for the hand held notes
- Ensure the woman is referred for assessment, including confirmatory testing and management to the hepatologist/gastro incl. discussions around household contacts
- Generate a paediatric alert
- If meeting face to face Inform mother of post exposure

- On receipt of notification of Hepatitis B positive pregnant woman (H), CHRDR are required to;**
- Securely record the woman's details including EDD
 - Maintain a database of the above information and review fortnightly observing EDDs and any missed babies
 - Liaise with midwifery screening coordinator to confirm details

Delivery & Transfer from maternity services to other providers

After delivery Maternity Services are required to:

- Explain implications of Hepatitis B and obtain consent for vaccination. Provide leaflet to parents.
- Ensure first vaccine is prescribed (+/- HBIG) is administered within 24 hours of birth
- Record mother's hepatitis status and baby's vaccination status in midwifery notes, discharge letter, The Red Book or PCHR
- Inform CHRDR, GP/PN, HV of mother's hep B status and that first dose (+/-HBIG) has been given to the baby. Complete Neonatal Hep B Notification (**Form H1**)

- On receipt of notification form H1 CHRDR are required to:**
- Inform GP/PN & HV of 'at risk' baby requiring Hep vaccination course and DBS at 12 months- template letter H2
 - Record baby on SystemOne and READ code that indicates 'mum is Hep B positive' and 'requires a course of Hep B vaccinations'
 - Ensure searches on SystemOne to automatically identify any babies who miss a dose of Hep B
 - Inform GP/PN if appointments are outstanding and HV/SIT of recurrent missed appointments (2 or more)
 - Submit quarterly data on behalf of NHS England to COVER
 - Inform SIT one month before DBS is due
 - Record dried blood spot test results
 - Follow local protocols when child moves in / out of area. Ensure status is passed on to other CHRDRs

At discharge maternity services are required to:

- Explain the follow up process and check that mother's address and phone number are accurate

Follow Up with GP and Health Visitor

The GP Practice is required to:

- Identify and READ code newly registered 'at risk' babies. If maternity services have been unable to give the first dose, arrange as soon as possible
- Order (via manufacturer), administer and record the 2nd, 3rd and 4th doses of the vaccine at 1, 2 and 12 months respectively, inc The Red Book
- Notify CHRDR after each dose of vaccine is given (if non SystemOne)
- Arrange blood test via phlebotomy services to check for Hepatitis B surface antigen (HBsAg) or request dried blood spot test (from SIT) to exclude infection at 12 months (with dose 4 of Hep B), and report the result to the patient and CHRDR
- Referral to an appropriate specialist if child has developed hepatitis infection
- Assess need for a booster dose of vaccine at 3 years 4 months with PSB- If at continued risk a 5th dose should be given (see The Green Book)

- The Health Visitor is required to:**
- Identify 'at risk' babies by checking mother's hep B status at newborn visit
 - Check that vaccination schedule is up to date at 10-14 days, 6 weeks and 10m - 1 yr
 - Reinforce the need for vaccination and signpost parents at each routine visit
 - Liaise with GP and contact the family when a child fails to attend for vaccination
 - Check Hep B status for all children who move into the area
 - For babies who move out of the area, ensure all HCP are aware of Hep B PEP course

- The Screening and Immunisation Team will:**
- Follow up any missed appointments after notification from CHRDR.
 - Send out Dried Blood Spot Kits and offer support and training to practice nurse.

KEY:

CHRD—Child Health Records Department

PN—Practice Nurse

HV—Health Visitor

DNA-Did Not Attend

EDD—Estimated Date of Delivery

PSB—Pre School Booster

DBS—Dried Blood Spot Test

SIC—Screening and Immunisation Coordinator

Contacts:

Screening and Immunisation Team

NHS England

Birch House

E-mail—England.SCRIMMS@nhs.net

When requesting a DBS please include in the subject header put—URGENT—DBS Kit request

Public Health England

Dr Vanessa Macgregor

vanessa.macgregor@phe.gov.uk/vmacgregor@nhs.net (for sending PII)

Tel: 0344 225 4524

Child Health Departments

Nottingham Child Health Department

NCP.NottinghamChildHealth@nhs.net

Tel: 0115 8834340

Nottinghamshire Child Health Department

Not-tr.NHC-PCT-communitychildhealthadmin@nhs.net

Tel: 01623 673401

Derbyshire Child Health Department

eileen.steadman@ardengemcsu.nhs.uk or for PII eileen.steadman@nhs.net

Tel: 01332 868909

