**Antenatal and Perinatal Hepatitis B testing**

Women contemplating pregnancy or seeking antenatal care should be made aware of the benefits of diagnosis of hepatitis B infection and management, and prevention strategies available to protect the infant from infection.

The Royal Australian and New Zealand College of Obstetricians and Gynaecologists (RANZCOG) guidelines state that all pregnant women should be screened using the HBsAg test. If a woman is identified as HBsAg positive, further testing (HBeAg and HBV DNA) should be performed to determine the risk of transmission to the infant and the degree of infectivity in general, to inform clinical decision making.

The risk of perinatal HBV transmission is determined by maternal hepatitis B viral factors; highly replicative infection characterised by high HBV DNA viral load and HBeAg positivity is associated with a higher risk of transmission. Women with a high viral load should receive specialist advice including the role of antiviral treatment to reduce the risk of transmission. In Sydney LHD the recommendation is all HBsAg positive women should be referred to a specialist hepatitis service (see below for referral information) at around 20 weeks gestation.

Timely administration of hepatitis B vaccination and hepatitis B immunoglobulin (HBIG) to the infant within 12 hours of birth will reduce the risk of hepatitis B transmission by approximately 90%.

**Testing of infants born to HBsAg positive mothers**

Infants born to HBsAg positive mothers should be tested for HBsAg and anti-HBs, after the final dose of hepatitis B vaccine (most practically at 12 months of age). Testing for anti-HBc is not useful at this age, because maternal antibody is still detectable. A positive anti-HBs indicates a successful response to vaccination. A positive HBsAg test indicates infection and, in this case, the child should be referred to a paediatric gastroenterology or Infectious Diseases Unit for monitoring of liver function.

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Sydney Local Health District Hepatitis/Liver Clinic Contact List

Named Referrals can be made to the following Clinics. Please avoid writing “Dear Liver Clinic”

Royal Prince Alfred Hospital

AW Morrow Gastroenterology and Liver Centre
50 Missenden Road
Camperdown NSW 2050
Phone: 02 9515 7268
Fax: 02 9515 8242
Email: GastroandLiver.RPA@sswahs.nsw.gov.au
Visit Website: awmorrowgel.org

RPA Hospital Staff Specialist Liver Clinic
Prof Geoffrey McCaughan
A/Prof David Koorey
A/Prof Simone Strasser
Dr Nicholas Shackel
Dr David Bowen
Dr Emilia Prakoso
Phone: (02) 9515 7268
Fax: 02 9515 8242

Liver/Gastro Clinic
Dr Bill Bye
Phone: (02) 9515 7269
Fax: 02 9515 8242

RPAH Hepatitis B Nurse
Ms Margaret Fitzgerald
Phone: (02) 9515 6228

RPAH Hepatitis C Clinical Nurse Consultants
Ms Sue Mason
Phone: (02) 9515 7049
Ms Sinead Sheils
Phone: (02) 9515 7661

Community Hepatitis B Nurse led Clinic (Mondays 1-3pm)
Marrickville Community Centre
157 Livingstone Road
Marrickville NSW 2204
Phone: 02 9562 0500
Fax: 02 9562 0501

Clinic Nurse (Hepatitis B Clinical Nurse Consultant RPAH)
Ms Catherine Stevens
Phone: 9515 3627
Mob: 0423 293 470
Email: catherine.stevens@sswahs.nsw.gov.au

Concord Hospital

Concord Hospital Gastroenterology and Liver Department
Main Building, Level 1 West
Hospital Road
Concord West NSW 2139
Phone: (02) 9767 5570
Fax: (02) 9767 6767
Email: Jocelyn.Schramko@sswahs.nsw.gov.au

Concord Hospital Staff Specialist Liver Clinic
Dr Alice Lee
Dr Meng Ngu
Dr Gordon Park
Dr Venessa Pattullo
Dr Lisa Shim
Dr Elke Wiseman
Phone: (02) 9767 5570
Fax: (02) 9767 6767

Hepatitis Clinical Nurse Consultant (Concord)
Ms Jocelyn Schramko
Phone: (02) 9767 6372
Fax: (02) 9767 5324
Email: Jocelyn.Schramko@sswahs.nsw.gov.au

Canterbury Hospital
Canterbury Hospital Staff Specialist Liver Clinic (Thursday afternoons)
Dr Venessa Pattullo
Dr Lisa Shim
Dr Elke Wiseman
Canterbury Hospital Outpatients Department
Thorncraft Parade
Campsie NSW 2194
Phone: 9787 0164
Fax: 9787 0094
Email: Jocelyn.Schramko@sswahs.nsw.gov.au

SLHD Hepatitis Dietitian
Ms Kate Teevan
Phone: 0466 580 478
Email: kate.teevan@sswahs.nsw.gov.au

SHLD Hepatitis Coordinator
Janice Pritchard-Jones
Phone: 0434360357
Email: Janice.pritchard-jones@sswahs.nsw.gov.au
Additional Information about chronic hepatitis B

Interpretation of HBV serology

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<th>anti-HBc</th>
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<td>various possibilities</td>
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