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Updating arrangements for the formulary should be decided upon and implemented at a local level.

## Introduction to monographs for medicines relating to Hepatitis B (neonate)

### Hepatitis B Immunoglobulin (HBIG)

Hepatitis B immunoglobulin is a disease-specific immunoglobulin. It is used in association with hepatitis B vaccine for the prevention of hepatitis B infection in infants born to mothers who have

- become infected with this virus in pregnancy
- or
- who are high-risk carriers

See table below.

All babies weighing less than or equal to 1.5kg at birth requiring hepatitis B vaccine should receive HBIG in addition to the vaccine as the immune response to the vaccine is lower in pre-term, low birth weight babies.

### Hepatitis B Vaccine

Hepatitis B vaccine is used to prevent infection in babies at risk of contracting hepatitis B. It is either used alone or in conjunction with hepatitis B immunoglobulin. See table below

### Monographs relating to Hepatitis B

Hepatitis B Immunoglobulin (HBIG) – Midwives Exemption  
Hepatitis B Vaccine – Midwives Exemption

### References

1. Immunisation against infectious diseases: Green Book  
[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/628602/Greenbook\\_chapter\\_18.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/628602/Greenbook_chapter_18.pdf) Updated 18.11.2019. Accessed 17.1.2020

Hepatitis B status of Mother	Baby should receive	
	Hepatitis B vaccine	HBiG
Mother is HBsAg positive and HBeAg positive	Yes	Yes
Mother is HBsAg positive, HBeAg negative and anti-HBe negative	Yes	Yes
Mother is HBsAg positive where e-markers have not been determined	Yes	Yes
Mother had acute hepatitis B during pregnancy	Yes	Yes
Mother is HBsAg positive and anti-HBe positive	Yes	No
A woman who is HBsAg seropositive and known to have an HBV DNA level equal or above $1 \times 10^6$ IU/ml in any antenatal sample during this pregnancy (regardless of HBeAg and anti-HBe status)	Yes	Yes
Mother is HBsAg positive and baby weighs 1500g or less	Yes	Yes

Table taken from Immunisation against infectious diseases: Green Book

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/628602/Greenbook\\_chapter\\_18.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/628602/Greenbook_chapter_18.pdf).

Updated 18.11.2019 Accessed 17.1.2020