



The Dudley Group
NHS Foundation Trust

Hepatitis B vaccination

Renal Unit

Patient Information Leaflet

Introduction

This leaflet is about the hepatitis B vaccination. It gives information on what hepatitis B is, the benefits and risks of having the vaccination and the injection schedule for the vaccine.

What is hepatitis B?

Hepatitis B (HBV) is infection of the liver caused by a virus that is spread through blood and body fluids. It is highly infectious, and can lead to liver cancer, scarring of the liver (known medically as liver cirrhosis) and even death.

People with chronic kidney disease, especially those who are having dialysis, have a greater risk of being exposed to and becoming infected with the virus.

What are the benefits of hepatitis B vaccines?

The hepatitis B vaccine has greatly reduced the number of people who have chronic kidney disease getting the HBV infection. For this reason, it is recommended that all patients who are likely to require dialysis or a kidney transplant in the future be vaccinated.

As people with milder renal damage respond better to the vaccine compared to those who have reached the stage where they need dialysis, it is a good idea to have the vaccines before dialysis is needed.

What are the risks of the vaccines?

As with any treatment, vaccines have some risks. The most common for hepatitis B vaccines are pain or swelling at the injection site, muscle ache and fever (a high temperature). These symptoms usually improve without any treatment.

What is the hepatitis B vaccination schedule?

The renal team will advise you when you need to start the vaccines. Usually three injections are given over a six month period.

At the end of the course of injections, you will need to have a blood test. This is to see if the vaccine has stimulated your immune system to produce enough protective blood cells (antibodies) against the virus. Not everybody responds in the same way to the vaccine. If your body does not produce enough antibodies, you may need a booster injection.

Please note that a few people may not respond to the vaccines. This means they may not produce enough antibodies as a result of the vaccines to protect them from the virus.

Hepatitis B injection types

The Uk Kidney Association recommends the following vaccines:

| Name of vaccine | Schedule | | |
|------------------|-------------|--------------|-------------|
| | Injection 1 | Injection 2 | Injection 3 |
| HBVaxPro (40mcg) | First month | Second month | Sixth month |
| Engerix (40 mcg) | First month | Second month | Sixth month |
| Fendrix (20 mcg) | First month | Second month | Sixth month |

What happens after my vaccines?

After your injection you will be asked to wait in the reception area of the clinic, this is to allow staff to monitor you for any reaction, however this is very rare.

You may have a sore arm at the injection site for a few days, but you should not have any other side effects.

We will check your body's response to the vaccinations by a blood test about two months after your last vaccine.

If this shows that you are producing enough antibodies to protect against the virus, we will recheck your antibody response once a year.

If the blood test shows there is not enough protection, we will give you one booster vaccine.

If the blood test shows no protection, you will need to repeat the full course of three injections.

If you have any questions, or if there is anything you do not understand about this leaflet, please contact:

The Renal Unit on 01384 244384

7.30am to 8pm, Monday to Saturday

9am to 3pm, Sunday

Russells Hall Hospital switchboard number: 01384 456111

This leaflet can be downloaded or printed from:

<http://dgft.nhs.uk/services-and-wards/renal/>

If you have any feedback on this patient information leaflet, please email dgft.patient.information@nhs.net

Personalised treatment plan

Your details:

Allergies:

| Vaccine | Dose | Date | Signature |
|---------|-------------------------|------|-----------|
| | Injection 1mcg | | |
| | Injection 2mcg | | |
| | Injection 3mcg | | |
| | Injection 4mcg | | |

Your check-up blood test is on

This leaflet can be made available in large print, audio version and in other languages, please call 0800 073 0510.

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此宣传单可提供大字版本、音频版本和其它语言版本，请拨打电话：0800 073 0510。

Ulotka dostępna jest również w dużym druku, wersji audio lub w innym języku. W tym celu zadzwoń pod numer 0800 073 0510.

ਇਹ ਪਰਚਾ ਵੱਡੇ ਅੱਖਰਾਂ, ਬੋਲ ਕੇ ਰੀਕਾਰਡ ਕੀਤਾ ਹੋਇਆ ਅਤੇ ਦੂਸਰੀਆਂ ਭਾਸ਼ਾਵਾਂ ਵਿਚ ਵੀ ਪ੍ਰਾਪਤ ਹੋ ਸਕਦਾ ਹੈ, 0800 073 0510 ਤੇ ਫੋਨ ਕਰੋ ਜੀ।

Aceasta broșura poate fi pusă la dispoziție tipărită cu caractere mari, versiune audio sau în alte limbi, pentru acest lucru vă rugăm sunați la 0800 073 0510.

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