This medicine contains Hydroxocobalamin which is a form of Vitamin B12.

It is given for:
- Anaemia pernicious (caused when absorption of Vitamin B12 from the stomach is reduced).
- Tobacco and alcohol (poor diet caused by both as is smoking). 
- Lethargy, tiredness (depletion of the red blood cells causing a lack of oxygen).
- Treatment/prevention of other anaemias due to deficiency in Vitamin B12.

Vitamin B12 is needed for physical growth and development and for the formation of red blood cells in the bone marrow. It is also required for absorption of folic acid and carbohydrates from food and for keeping the nervous (neurological) system healthy.

The body only requires a small amount of the vitamin daily as a deficiency may take months or even years to develop. Eventually, the formation of abnormally large red blood cells (macrocytes) occurs in the bone marrow, giving rise to anaemia. Symptoms of Vitamin B12 deficiency anaemia include sore mouth and tongue, numbness and tingling in the arms and legs, memory loss and depression.

WHAT IS IN THIS LEAFLET:
- The name of your medicine
- What your medicine is used for (this appears in section 1 of the leaflet)
- How to take your medicine (this appears in section 3 of the leaflet)
- Things you need to know before you take your medicine (this appears in section 2 of the leaflet)
- Possible side effects (this appears in section 4 of the leaflet)
- How to store your medicine
- Date of first supply
- Batch number
- Product licence number (also known as the Medicine Licensing Authority number)
- Manufacturer's address

Driving and using machines
Your medicine is unlikely to affect your ability to drive or to operate machinery. However, some people may feel dizzy or dizzy when they are taking Hydroxocobalamin injections. If this happens to you, do not drive or operate machinery.

Fertility
No data available.

Fertility
No data available.

6. Possible side effects
- This medicine is unlikely to cause any side effects.

5. How to store Hydroxocobalamin Injection
- Store below 25°C in the original container.
- Keep the bottle out of children’s reach.

4. Possible side effects
- There are no known side effects of this medicine.

3. How Hydroxocobalamin Injection is given to you
- Your doctor, in consultation with you, may choose to give you Hydroxocobalamin via one of the following routes:
  - Subcutaneous injection
  - Intramuscular injection
  - Intravenous injection

2. What you need to know before you are given Hydroxocobalamin Injection
- Before treatment, you should be told:
  - The name and purpose of this medicine (listed in section 1 of the leaflet)
  - The name and composition of the medicine (listed in section 1 of the leaflet)
  - How to take the medicine (listed in section 3 of the leaflet)
  - Possible side effects (listed in section 4 of the leaflet)
  - Instructions for storage (listed in section 5 of the leaflet)

1. What Hydroxocobalamin Injection is and what it is used for
- This medicine contains Hydroxocobalamin which is a form of Vitamin B12.

- Allergic reactions are rare but when they occur may be serious. Your doctor will check your condition regularly.
- Your doctor will check your condition regularly.
- There is no need to take any other medicines with this medicine.
- Do not delay taking your medicine on the day before or after missing a dose.
- It is unlikely that you will miss a dose as your doctor or nurse will be giving it to you. However, it is important not to have a double dose if you have missed a dose.
- It is unlikely that you will miss a dose as your doctor or nurse will be giving it to you. However, it is important not to have a double dose if you have missed a dose.
- If a dose of Hydroxocobalamin Injection is forgotten:
  - Do not delay taking your medicine on the day before or after missing a dose.
  - It is unlikely that you will miss a dose as your doctor or nurse will be giving it to you. However, it is important not to have a double dose if you have missed a dose.
- If more Hydroxocobalamin Injection is used than is needed:
  - Do not delay taking your medicine on the day before or after missing a dose.
  - It is unlikely that you will miss a dose as your doctor or nurse will be giving it to you. However, it is important not to have a double dose if you have missed a dose.
- If you have any further questions on the use of this medicine, ask your doctor or nurse.
4. POSSIBLE SIDE EFFECTS
Like all medicines this medicine can cause side effects, although not everybody gets them.

Tell your doctor immediately if you experience any of the following symptoms after you have been given the injection. Although they are very rare, these symptoms can be serious.

- swelling of the lips and face, difficulty in breathing, skin rash and redness (these may be symptoms of a serious allergic reaction)
- irregular heartbeat (caused by low levels of potassium in the blood) during early stages of treatment.

Rare: may affect up to 1 in 1,000 people

- Acniform and bullous eruptions (acne-like and blistered skin eruptions)
- Exanthema (a widespread skin rash)
- Chromaturia (unusual coloured urine)
- Fever
- Hot flushes (a feeling of intense heat with sweating and rapid heartbeat)
- Chills (feeling of coldness accompanied by shivering)
- Tremor (trembling or shaking)
- Hypokalaemia (decreased potassium levels in the blood)
- Reactive thrombocytosis (body produces too many platelets)

Reporting of side effects
If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme Website: www.mhra.gov.uk/yellowcard or search for MHRA Yellow Card in the Google play store.

5. HOW TO STORE HYDROXOCOBALAMIN INJECTION

Keep this medicine out of the sight and reach of children.

Do not use this medicine after the expiry date which is stated on the label and carton after “EXP”. The expiry date refers to the last day of that month.

Do not store above 25°C. Keep the ampoule in the outer carton in order to protect from light.

If only part used, discard the remaining solution.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

6. CONTENTS OF THE PACK AND OTHER INFORMATION

What Hydroxocobalamine injection contains
The active substance is Hydroxocobalamin.

The other ingredients are sodium chloride, glacial acetic acid in water for injection.

What Hydroxocobalamine injection looks like and contents of pack
Hydroxocobalamine injection is a sterile solution for injection.

Each ampoule contains 1ml of solution, which contains the active ingredient Hydroxocobalamine (equivalent to hydroxocobalamin 1mg in 1ml sterile solution). Each carton contains five 1ml ampoules.

Marketing Authorisation Holder
Mercury Pharmaceuticals Ltd., 20-24 King William Street, London EC4N 7BL, UK

Manufacturer
Delpharm Tours, Rue Paul Langevin, 37170 Chambray-Lés-Tours, France

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