Iloprost Waymade 100 micrograms/ml

concentrate for solution for infusion iloprost

start using this medicine because it contains important information for you. Keep this leaflet. You may need to read it

Read all of this leaflet carefully before you

- again. If you have any further questions, ask your
- doctor, pharmacist or nurse.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet

- 1. What lloprost Waymade is and what it is used for 2. What you need to know before you use
- lloprost Waymade 3. How to use lloprost Waymade
- 4. Possible side effects
- 5. How to store lloprost Waymade
- 6. Contents of the pack and other information

1. What Iloprost Waymade is and what it is used for lloprost Waymade contains the active

ingredient iloprost which imitates a natural substance in the body called prostacyclin. Iloprost Waymade and prostacyclin prevent unwanted blockages or narrowing of blood vessels and allow improved blood flow in the lloprost Waymade promotes the healing of wounds caused by insufficient blood flow (ischemia) by providing better oxygenation,

lloprost Waymade is used in adults in the treatment of: Severe chronic ischaemia of lower limbs

of the blood circulation.

and relieving pain in severe, chronic disorders

- (decreased blood supply) in patients at risk of amputation, in whom surgical revascularisation or angioplasty (repair of blood vessel) has failed or is not indicated, following the meeting of physicians, surgeons and radiologists. Severe Raynaud's phenomena (reduced blood flow to fingers and toes) in patients
- with progressive trophic disorders 2. What you need to know before you use

Do not use lloprost Waymade if you: have hypersensitivity (allergy) to iloprost

or any of the other ingredients of this medicine (listed in section 6 "Contents of

Hoprost Waymade

- the pack and other information") are at increased risk of bleeding - for example, if you have an active gastric (stomach) or duodenal ulcer, bleeding from
- wounds or had bleeding inside the skull have suspected fluid build-up in the lungs (pulmonary oedema) accompanied by difficulty in breathing
- have an irregular heart rate have poor blood flow to the heart muscle (severe coronary artery disease or unstable

had a **heart attack** within the last six months

angina) are suffering with angina or chest pain

had an acute or chronic congestive heart have congenital or acquired valvular defects with clinically relevant myocardial

- function disorders not related to pulmonary hypertension had a stroke in the past 3 months are pregnant or breast feeding
- Warnings and precautions Talk to your doctor before using lloprost

Waymade if you: require urgent amputation. Surgery should

gangrene)

monitored closely.

are a **smoker**. You should stop smoking. have liver problems or severe kidney problems, tell your doctor. You may be prescribed a lower dose of lloprost Waymade and your doctor will monitor you closely.

not be delayed if you need urgent amputation (e.g. in case of infected

have **low blood pressure**, care should be taken so as not to further reduce blood pressure (hypotension)

have severe heart disease, you will be

After administration, when moving from a lying to upright position, your blood pressure may fall. This can make you feel dizzy for a while until your blood pressure returns to normal values (this is called "orthostatic hypotension"). Stand up slowly when you get out of hed. This will help your body get used to

out of bed. This will help your body get used to this change in position and blood pressure. If undiluted lloprost Waymade is infused in the veins this can lead to local changes at the injection site due to extravasation. If Iloprost Waymade comes into contact with

lloprost Waymade solution should not come into contact with your skin or eyes. On contact

with the skin, iloprost may cause long-lasting but painless redness of the skin (erythema). In the event of such contact, wash immediately the skin or the eyes with water or saline.

This medicine contains 1.62 mg of alcohol (ethanol) in each ampoule which is equivalent to 1.62 mg/ml. The amount in 1 ml of this medicine is equivalent to less than 0.0405 ml beer or 0.0162 ml wine. The small amount of alcohol in this medicine will not have any noticeable effects.

This medicinal product contains less than 1 mmol sodium (23 mg) per dose, i.e. essentially 'sodium-free'.

Tell your doctor if you are taking or have recently taken any other medicines, including medicines obtained without a prescription. Iloprost Waymade and some other medicines may affect each other in the way they work in your body. Take special care to mention any of the following:

Other medicines and Iloprost Waymade

- Medicines used to treat high blood pressure or heart disease. Your blood pressure may drop much further. Tell your doctor if you are taking any of these. He/she may change the dose of lloprost Waymade you should take.

Medicines that thin the blood or inhibit blood

clotting (e.g Aspirin® or acetylsalicylic acid,

ticlopidine, clopidogrel). The risk of bleeding may be increased. If you suffer

Waymade should be discontinued. Pregnancy, breast-feeding and fertility

from bleeding, treatment with lloprost

lloprost Waymade is not indicated for pregnant

or breast-feeding women. If you are pregnant or breast-feeding, think you

may be pregnant or are planning to have a baby, ask your doctor for advice before using this medicine. Women of childbearing potential have to use effective contraception during

Driving and using machines lloprost Waymade lowers blood pressure and

may cause dizziness or light-headedness in some people. Do not drive or operate any tools or machines if you feel these effects.

3. How to use lloprost Waymade

lloprost Waymade should be used only under strict monitoring in hospitals or outpatient clinics with adequate facilities.

How Iloprost Waymade is prepared for administration

lloprost Waymade is a solution contained in a glass ampoule. The content of the ampoule is diluted with 0.9% physiological sodium chloride solution or a 5% glucose solution. The infusion solution should be prepared just before the infusion daily, to ensure sterility. The content of the ampoule and the diluent must be mixed thoroughly. Iloprost Waymade must be used only after dilution. For further information for physicians or healthcare professionals on the preparation of the dilution see section "The following information is intended for medical and healthcare professionals only" at the end of this leaflet.

How Hoprost Waymade is given The solution is infused intravenously with a

venous catheter directly into one of the veins in your arm or into a central intravenous catheter ínserted into a vein near your neck. lloprost Waymade is administered as infusion over 6 hours daily. The dose is adjusted according to individual

tolerability within the range of 0.5 to 2.0 ng iloprost/kg body weight/min. Your blood pressure and heart rate will be measured at the start of the infusion and after every dose increase. How much lloprost Waymade is given

During the first 2-3 days, the individually tolerated dose is established.

For this purpose, your doctor will start the treatment at a low dose. Treatment should be

started at an infusion rate of 0.5 ng/kg/min for 30 minutes. The dose should then be increased at intervals of 30 minutes in steps of 0.5 ng/kg/min up to 2.0 ng/kg/min. The exact infusion speed should be calculated on the basis of body weight to reach an infusion within the range of 0.5 to 2.0 ng/kg/min (see tables below for use with infusion pump or syringe If adverse effects occur, such as headache and nausea or an undesirable drop in blood

pressure, tell your doctor immediately. The infusion rate should be reduced until the tolerable dose is found. If the adverse effects are severe, the infusion should be interrupted. For the remaining duration, the treatment should be continued with the dose found to be tolerated in the first 2 to 3 days. tolerated in the first 2 to 3 days. The doctor will determine whether lloprost Waymade will be infused intravenously by an infusion pump or with syringe driver. If lloprost Waymade is administered with an infusion pump, it will be diluted before infusion to a final concentration of 0.2 micrograms/ml. If lloprost

Waymade is administered with a syringe driver, it will be diluted before infusion to a final concentration of 2 micrograms/ml. If you have renal failure requiring dialysis or **liver cirrhosis**, iloprost elimination is reduced and a dose reduction (e.g. half the recommended dose) is necessary. Tell your doctor if you have problems with your liver or kidneys.

The safety and efficacy of lloprost Waymade have not been studied for treatment longer than 4 weeks or after repetitive treatment cycles.

The duration of treatment is up to 4 weeks.

How long lloprost Waymade is given:

Continuous infusion over several days is not recommended, because it can lead to reduced effect on platelets and increased platelet aggregation (platelet hyperaggregability) at the

pharmacist.

end of treatment. No clinical complications associated with these phenomena have been reported. If you feel that the effect of lloprost Waymade is too strong or too weak, tell your doctor or

If you have any further questions about the use of this product, ask your doctor or pharmacist. If you use more lloprost Waymade than you

Drop in blood pressure (hypotensive reaction) can be expected, as well as headache, redness of the face (flushing), nausea, vomiting and diarrhoea. An increase in blood pressure, reduced or increased heart rate and limb or

back pain may also occur. No specific antidote is known. In case of overdose, your doctor is advised to discontinue infusion of iloprost, to monitor you and treat your symptoms.

If you stop using lloprost Waymade: If the infusion therapy with lloprost Waymade is

discontinued, your doctor will take care to restore the changes that might have been made to other medicines you take, due to lloprost Waymade administration (e.g. dose

reductions).

effect in patients taking iloprost are:

4. Possible side effects Like all medicines, this medicine can cause side effects, although not everybody gets

The most severe side effects, which have been reported as having a fatal or life-threatening

- Cerebrovascular event (stroke) Myocardial infarction (heart attack)
- Pulmonary embolism (difficulties breathing or chest pain when breathing due to blood clot in the lung)
- Heart failure
- Convulsions
- Hypotension (abnormally low blood pressure) Tachycardia (fast heart rate)
- Asthma
- Angina pectoris (chest pain or discomfort due to insufficient blood flow to the heart)
- Dyspnoea (difficulty breathing) Pulmonary oedema (difficulty breathing or
- coughing blood due to fluid buildup in the

The most common side effects observed in patients taking lloprost Waymade include headache, flushing (redness of the face), hyperhidrosis (sweating) and gastrointestinal symptoms, such as nausea and vomiting. These side effects are likely to occur during the desertite in a the start of treatment to identify. dose titration at the start of treatment to identify the best tolerable dose for the individual patient. However, all these side effects usually disappear quickly with dose reduction.

Possible side effects are listed below according to their frequency: **Common** (may affect up to 1 in 10 people)

- Decreased appetite
- Apathy
- Confusional state
- Dizziness/vertigo (feeling of 'spinning') Paraesthesia (numbness and tingling)/
- palpitations/hyperesthesia (increased sensitivity to pain or touch) Agitation
- Drowsiness Tachycardia (fast heart rate)
- Bradycardia (slow heart rate)
- Angina pectoris (chest pain or discomfort due to insufficient blood flow to the heart) Hypotension (abnormally low blood
- pressure) Blood pressure increased
- Dyspnoea (difficulty breathing)
- Diarrhoea Abdominal discomfort/abdominal pain
- Pain in jaw/trismus (jaw spasm, locking jaw)
- Myalgia (muscle pain)/arthralgia (joint
- pain)
- Fever/body temperature increased
- Burning sensation Asthenia (weakness)/malaise (feeling of
- major weakness)
- Chills
- Fatigue
- Thirst
- Infusion site reactions such as infusion site
- erythema, infusion site pain or infusion site phlebitis (vein irritation) **Uncommon** (may affect up to 1 in 100 people)

Thrombocytopenia (blood disorder characterized by easy bruising or bleeding)

- Hypersensitivity (allergy) Anxiety, depression, hallucination
- Syncope (short loss of consciousness) Tremor (trembling or shaking)
- Migraine
- Blurred vision Eye irritation
- Eye pain Arrhythmia/extrasystoles (abnormal heart
- Deep vein thrombosis (pain in the legs due to a blood clot in the blood vessels of the
- Haemorrhagic diarrhoea (diarrhoea with blood in stools) Rectal haemorrhage
- Dyspepsia (heartburn or stomach pain) Rectal tenesmus (pain due to constipation) Constipation
- Dysphagia (difficulty swallowing) Dry mouth
- Dyspepsia (sense of taste disorder) Liver disorder (hepatic impairment)
- Jaundice (yellowing of the skin and white of the eye and/or itching due to hepatic
- disorder) Pruritus (itching) Tetany (prolonged painful muscle spasm), muscle spasms Hypertonia (increased muscle tension)
- Kidney pain Vesical tenesmus (failed urinary urgency)
- Abnormal urine • Dysuria (painful urination or difficulty urinating)
- Rare (may affect up to 1 in 10,000 people)
- Cough Proctitis (rectal irritation)

lloprost may cause chest pain or discomfort

The risk of bleeding is increased in patients when inhibitors of platelet aggregation, heparin or anticoagulants of the coumarin-type are

due to angina pectoris, especially in patients with coronary artery disease.

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 Yellow Card Scheme

Website: www.mhra.gov.uk/yellowcard or search for MHRA Yellow Card in the Google

given concomitantly.

Play or Apple App Store. By reporting side effects you can help provide more information on the safety of this medicine. 5. How to store lloprost Waymade

Once opened and diluted, the product should be used immediately. From a microbiological point of view, the diluted solution for infusion should be used

immediately. If not used immediately, in-use storage times and conditions prior to use are

the responsibility of the user and would normally not be longer than 24 hours at 2°C to 8°C, unless dilution has taken place in controlled and validated aseptic conditions. This medicinal product does not require any special storage conditions.

Do not use this medicine after the expiry date which is stated on the carton after EXP. The expiry date refers to the last day of that month. Do not use this medicine if you notice visible

Keep this medicine out of the sight and reach of

particles or unclear solution. Do not throw away any medicines via wastewater. 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 Iloprost Waymade contains

(for pH adjustment), water for injection.

The active substance is iloprost Each ampoule of 0.5 ml of solution contains 50 micrograms of active substance. The other ingredients are trometamol, ethanol (96% v/v), sodium chloride, hydrochloric acid

What Iloprost Waymade looks like and contents of the pack lloprost Waymade is a colourless, clear solution

free of visible particles.

lloprost Waymade is available in glass type I, colourless, ampoules containing 0.5 ml of concentrate for solution for infusion. lloprost Waymade is available in the following

presentations: 1 pack of 1 ampoule containing 0.5 ml of concentrate for solution for infusion;

- 1 pack of 5 ampoules, each containing 0.5 ml of concentrate for solution for
- infusion: 1 pack of 20 ampoules (4 x 5), each
- containing 1 ml of concentrate for solution for infusion. Not all pack sizes may be marketed.

Marketing Authorisation Holder

Waymade Plc Sovereign House

Miles Gray Road, Basildon SS143FR Essex **United Kingdom** Manufacturer Vianex S.A.

MetamorfosiTo Athina - Lamia N.r. (lamia) 12 Km, Metamorfossi, 14451. Greece This leaflet was last revised in March 2023

The following information is intended for medical and healthcare professionals only: lloprost Waymade should be used only after dilution. The following sections provide more

information to your doctor when using an infusion pump or a syringe driver for the administration of Iloprost Waymade. Infusion rates (ml/hour) for different doses

using an infusion pump In general, the ready-to-use infusion solution is infused intravenously by means of an infusion

pump (e.g. Infusomat®). In case of an Iloprost Waymade concentration of 0.2 micrograms /ml, the required infusion

rate should be determined according to the below described scheme to reach a dose within the range of 0.5 to 2.0 ng/kg/min. The following table can be used to calculate the infusion rate corresponding to the individual weight of the patient and the dose to be infused.

Match the patient's actual body weight on the

table, then set the infusion rate based on the

Doco [na/ka/min]

desired dose in ng/kg/min.

Dose [ng/kg/min]				
0.5	1.0	1.5	2.0	
Infusion rate [ml/h]				
6.0	12	18.0	24	
7.5	15	22.5	30	
9.0	18	27.0	36	
10.5	21	31.5	42	
12.0	24	36.0	48	
13.5	27	40.5	54	
15.0	30	45.0	60	
16.5	33	49.5	66	
	0.5 In 6.0 7.5 9.0 10.5 12.0 13.5 15.0	0.5 1.0 Infusion r 6.0 12 7.5 15 9.0 18 10.5 21 12.0 24 13.5 27 15.0 30	0.5 1.0 1.5 Infusion rate [ml/ 6.0 7.5 15 22.5 9.0 18 27.0 10.5 21 31.5 12.0 24 36.0 13.5 27 40.5 15.0 30 45.0	

A syringe driver with a 50 ml injection syringe (e.g. Perfusor®) may also be used to infuse lloprost Waymade.

using a syringe driver

desired dose in ng/kg/min.

0.5

Body weight

[kg]

Infusion rates (ml/hour) for different doses

In case of an Iloprost Waymade concentration of 2 micrograms/ml, the required infusion rate must be determined according to the below

described scheme, to reach a dose within the

range of 0.5 to 2.0 ng/kg/min. The following table can be used to calculate the infusion rate corresponding to the individual weight of the patient and the dose to be infused. Match the patient's actual body weight on the table, then set the infusion rate based on the

Dose [ng/kg/min]

Infusion rate [ml/h]

1.5

2.0

1.0

40	0.60	1.2	1.80	2.4		
50	0.75	1.5	2.25	3.0		
60	0.90	1.8	2.70	3.6		
70	1.05	2.1	3.15	4.2		
80	1.20	2.4	3.60	4.8		
90	1.35	2.7	4.05	5.4		
100	1.50	3.0	4.50	6.0		
110	1.65	3.3	4.95	6.6		
Due to possible interactions, no other medicinal product should be added to the ready-to-use solution for infusion.						
In order to ensure sterility, the ready-to-use solution for infusion should be prepared every						

day. Instructions for handling: The ampoule contents and diluent must be

Dilution of Hoprost Waymade with an

infusion pump. The contents of 0.5 ml lloprost Waymade

thoroughly mixed.

iloprost.

(i.e. 50 micrograms) is diluted with 250 ml sterile physiological sodium chloride solution or a 5% glucose solution. Each 1 ml of the diluted solution for use in an

infusion pump contains 0.2 micrograms of

infusion syringe pump. The contents of 0.5 ml lloprost Waymade (i.e. 50 micrograms) must be diluted with 25 ml sterile physiological sodium chloride solution or 5% glucose solution.

Dilution of Hoprost Waymade with an

Each 1 ml of the diluted solution for use in an injector contains 2.0 micrograms of iloprost.

