

PEGASYS®

pronounced peg-ah-sis

contains the active ingredient peginterferon alfa-2a

Consumer Medicine Information

What is in this leaflet

This leaflet answers some common questions about Pegasys pre-filled syringes.

It does not contain all the available information.

It does not take the place of talking to your doctor or pharmacist.

All medicines have risks and benefits. Your doctor has weighed the risks of you using Pegasys against the benefits they expect it will have for you.

If you have any concerns about using this medicine, ask your doctor or pharmacist.

Keep this leaflet with the medicine.

You may need to read it again.

What Pegasys is used for

Pegasys contains the active ingredient peginterferon alfa-2a.

Pegasys belongs to a group of medicines called interferons. Pegasys is a long-acting interferon.

Interferons are proteins that modify the response of the body's immune system to help fight infections and severe diseases.

Pegasys is used to treat chronic hepatitis B or C, which are viral infections of the liver.

If these viral infections are not managed, in some people, the liver becomes badly damaged and scarred.

This is called cirrhosis. Cirrhosis can cause the liver to stop working.

Cirrhosis can also be caused by things other than viral infections such as long-term alcoholism.

It is not known if Pegasys can prevent liver failure or liver cancer that is caused by hepatitis infection.

Most people who get hepatitis B or C carry the virus in their blood for the rest of their lives, unless successfully treated. Most of these people will have some liver damage, but not all feel sick from the disease.

For chronic hepatitis B, Pegasys is usually used alone.

For chronic hepatitis C, Pegasys is best used in combination with ribavirin tablets.

If you are given Pegasys in combination therapy, you should also read the ribavirin Consumer Medicine Information leaflet before use.

Pegasys is used alone for chronic hepatitis C only if you cannot take ribavirin tablets for any reason.

Pegasys treatment will not prevent a hepatitis B or C infected person from giving another person hepatitis B or C.

There are many different types of medicines used to treat chronic hepatitis B or C.

Your doctor, however, may have prescribed Pegasys for another purpose.

Ask your doctor if you have any questions why Pegasys has been prescribed for you.

Pegasys is not addictive.

This medicine is available only with a doctor's prescription.

Before you use Pegasys

When you must not use it

Do not use Pegasys if:

- 1. you have had an allergic reaction to alfa interferons, E.coli-derived products, polyethylene glycol or any of the ingredients listed at the end of this leaflet**

Some symptoms of an allergic reaction include:

- hives or skin rash
- swelling of the face, lips or tongue
- wheezing or troubled breathing
- faintness

- 2. you have autoimmune hepatitis**
- 3. you have decompensated cirrhosis (severe liver disease)**
- 4. you have severe heart problems or any previous heart conditions**
- 5. you are breast-feeding or plan to breast-feed**

It is not known whether Pegasys or ribavirin passes into breast milk. Your doctor will advise you.

- 6. you are HIV co-infected with cirrhosis (Child-Pugh score of 6 or more)**
- 7. the package is torn or shows signs of tampering**

8. the expiry date (EXP) printed on the pack has passed

If you use this medicine after the expiry date has passed it may not work as well.

Do not use Pegasys with ribavirin if:

1. **you have blood disorders including anaemia (low number of red blood cells), thalassaemia (mediterranean anaemia)**
2. **you are pregnant or your female partner is pregnant (if you are male).**

Ribavirin may cause birth defects and/or death of an unborn baby. Extreme care must be taken to avoid pregnancy during treatment and for 6 months after completion of treatment. Effective contraception must be used during this time.

Before starting Pegasys, you should talk to your doctor about the possible benefits and possible side effects of treatment, to decide if Pegasys is right for you. While taking Pegasys you will need to see your doctor regularly for medical examinations and blood tests to make sure your treatment is working and to check for side effects.

Use in children

Do not give Pegasys to children under 18 years of age.

Safety and effectiveness in children have not been established.

Delayed growth and development has been reported in children under 18 years of age.

This product contains benzyl alcohol and should not be given to babies from birth up to the age of 3 years.

Before you start to use it

Your doctor must know all about the following before you start to use Pegasys.

Tell your doctor if:

1. you are pregnant or plan to become pregnant

It is not known whether Pegasys is harmful to an unborn baby when used by a pregnant woman. If there is a need to use Pegasys when you are pregnant, your doctor will discuss the risks and benefits to you and the unborn baby.

2. you are breast-feeding or plan to breast-feed

It is not known whether Pegasys passes into the breast milk. Your doctor will discuss the risks and benefits of using Pegasys if you are breast-feeding.

3. you have ever had any of the following medical conditions, tell your doctor before you start taking Pegasys:

- current, or a history of, depression (feeling low)
- history of injecting drug use or excessive alcohol use
- history of heart disease or previous heart attack
- autoimmune disease (where the body's immune system attacks the body's own cells), such as psoriasis (a skin disease)
- kidney problems
- blood disorders
- diabetes (high blood sugar)
- problems with the thyroid gland
- liver problems, other than hepatitis B or C
- vision problems

4. you have HIV infection and are being treated with anti-HIV medicines

5. if you are under 18 years of age

Delayed growth and development has been reported in children under 18 years of age.

6. if you are under 18 years of age and have current, or a history of, depression (feeling low)

7. if you are allergic to any other medicines, foods, dyes or preservatives

Taking other medicines

Tell your doctor if you are taking any other medicines including any that you have bought without a prescription from a pharmacy, supermarket or health food shop.

You must tell your doctor if you are taking:

- theophylline, a medicine used to treat asthma, bronchitis and emphysema
- Sho-saiko-to, a Chinese herbal medicine, also known as Xiao-Chai-Hu-Tang
- methadone, used to treat opioid dependence
- didanosine, stavudine, or zidovudine, medicines used to treat HIV/AIDS
- telbivudine, a medicine used to treat hepatitis B infection
- azathioprine, a medicine used to suppress the immune system.

Some medicines may interfere with Pegasys or may affect how well it works. You may need to use different amounts of your medicine, or you may need to take different medicines. Your doctor will advise you.

Your doctor or pharmacist has more information on medicines to be careful with or avoid while using Pegasys.

Ask your doctor or pharmacist if you are not sure about this list of medicines.

How to use Pegasys

Follow all directions given to you by your doctor carefully.

They may differ from the information contained in this leaflet.

How much to inject

Your doctor will tell you how much Pegasys to inject according to your individual needs.

Pegasys, whether given alone or in combination with ribavirin tablets, is usually administered as a 180 mcg per 0.5 mL injection once a week for 24 to 72 weeks depending on the type of virus you are infected with and any previous treatment you have had.

If necessary, your dose may be changed by your doctor during therapy according to your response.

Your doctor will keep track of your response to Pegasys by asking questions and performing occasional laboratory tests.

Do not exceed or change the dose recommended by your doctor.

How to inject it

Pegasys is administered by subcutaneous injection. This means that Pegasys is injected with a short needle into the fatty tissue just under the skin in the stomach or thigh.

Your doctor may discuss whether it would be more convenient for you to receive your injection at home, in which case, you or a family member would be instructed on how to give the injection. This is a simple procedure and many patients prefer it.

If your doctor has directed you to use Pegasys by subcutaneous injection at home, please follow the instructions below. Your doctor or nurse will usually show you how to inject Pegasys.

Directions for self-injection

You should read these directions from beginning to end before starting so that each step of the procedure becomes familiar. These instructions must be carefully followed. Consult your doctor or nurse if you require further instructions.

Remember that cleanliness is vital.

1. Preparing to self-inject

Before you begin:

- Wash your hands thoroughly
 - Find a clean, comfortable area
 - Gather all the medicinal supplies you will need:
 - An alcohol swab
 - One Pegasys pre-filled syringe and unused injection needle
 - Some cotton wool
 - A sharps disposal bin
 - Check the expiry date. Do not use Pegasys after the expiry date shown on the pre-filled syringe label
 - Check the liquid has no discolouration, cloudiness or particles. The liquid should look clear and colourless to slightly yellow
 - Remove the Pegasys pre-filled syringe from the fridge. Leave the syringe out of the fridge for 30 minutes before use; or gently warm the syringe in the palms of your hands for about 1 minute. Be careful not to shake the medication.
- ### 2. Preparing the syringe and needle
- Remove the protective cap from the end of the needle
 - Remove the rubber cap from the end of the syringe
 - Place the needle firmly on the end of the syringe
 - If you notice any air bubbles in the syringe, hold the syringe with the needle facing upwards, lightly tap the syringe to bring the air bubbles to the top. You may need to gently push the plunger in slightly to push air out of the syringe
 - Check the dose of medication your doctor has prescribed. You may need to gently push the plunger to push out some medication to get to the dose your doctor has prescribed
 - If you need to put the syringe (with the needle attached) down,

make sure the plastic guard covers the needle and place on a clean flat surface

- The syringe is now ready for use.
- ### 3. Choosing the injection site
- Choose an injection site in your stomach area or the top of your thigh
 - Avoid your navel and waistline
 - Change injection sites each time to prevent soreness in one spot
 - Never inject into a red or swollen area
 - Never inject Pegasys into a vein or muscle.
- ### 4. Preparing the injection site
- Clean the injection site with an alcohol swab and let the skin dry (10 seconds)
 - Remove the protective needle guard from the end of the syringe and hold the syringe with the needle facing upwards
 - Grab your skin at the injection site firmly between your thumb and forefinger to elevate your skin.
- ### 5. Injecting the medication
- Hold the syringe at a 45 degree angle to your skin
 - Insert the needle in one quick motion with the bevel (flat edge) facing upwards
 - Slowly push the plunger all the way down
 - Once all the liquid has left the syringe, pull out the needle at the same angle at which you put it in
 - Do not recap the needle
 - If you notice slight bleeding gently press over the injection site with some cotton wool
- ### 6. Cleaning up after your injection
- Place the syringe and needle (as one) into the sharps container immediately after injection
 - When the sharps container is full, take it to your clinic for correct disposal

- Never throw used needles and syringes in with your household rubbish
- Never re-use the syringe or needle. The needle and syringe are to be used once only.

Remember: Most people can learn to give themselves a subcutaneous injection, but if you experience difficulty, please do not be afraid to ask for help and advice from your doctor, nurse or pharmacist.

Please note that the needle supplied with the Pegasys pre-filled syringe is for subcutaneous injection only and is not suitable for any other type of injection (e.g. intramuscular injection).

When to inject Pegasys

Your doctor will tell you how often to use this medicine. Pegasys is usually given as a single injection once a week.

If you are injecting this medicine yourself, use it at bedtime, as Pegasys may cause unusual tiredness or flu-like symptoms.

If you are working, you should inject Pegasys at the beginning of your weekend. This will help to reduce the impact of side effects of Pegasys on your ability to work.

How long to use Pegasys

Continue using Pegasys until your doctor tells you to stop.

Your doctor will determine when your treatment should be stopped.

If you forget to use Pegasys

If you realise you missed your injection within 2 days after the scheduled dose, you should inject your recommended dose as soon as you remember. Take your next injection on the following regularly scheduled day.

If you realise you missed your injection 3 to 5 days after your scheduled dose, you should inject your recommended dose as soon as you remember. Take your next doses at 5-day intervals until you

return to your regularly scheduled day of the week.

If you realise you missed your injection 6 days after the scheduled dose, you should wait and inject your dose on the next day.

Do not take a double dose to make up for the injection that you missed.

If you are not sure what to do, ask your doctor, nurse or pharmacist.

If you have trouble remembering when to use your medicine, ask your pharmacist for some hints.

If you use too much Pegasys (overdose)

Immediately telephone your doctor or Poisons Information Centre (telephone 13 11 26 in Australia or 0800 764 766 [0800 POISON] in New Zealand) for advice or go to Accident and Emergency at your nearest hospital if you think that you or anyone else may have used too much Pegasys, even if there are no signs of discomfort or poisoning.

You may need urgent medical attention.

Keep telephone numbers for these places handy.

While you are using Pegasys

Things you must do

Use Pegasys exactly as your doctor has prescribed.

Tell all doctors, dentists and pharmacists who are treating you that you are using Pegasys.

Tell your doctor if you become pregnant while using Pegasys.

Tell your doctor if, for any reason, you have not used Pegasys exactly as prescribed.

Otherwise, your doctor may think that it was not effective and change your treatment unnecessarily.

Be sure to keep all of your appointments with your doctor so that your progress can be checked.

Things you must not do

Do not stop using Pegasys or change the dose without first checking with your doctor.

Do not let yourself run out of medicine over the weekend or on holidays.

Do not give Pegasys to anyone else even if they have the same condition as you.

Do not use Pegasys to treat other complaints unless your doctor says to.

Do not switch to any other brand of interferon without consulting your doctor because a change in dose may be required.

Do not take any other medicines whether they require a prescription or not without first telling your doctor or consulting a pharmacist.

Things to be careful of

Be careful driving or operating machinery until you know how Pegasys affects you.

Pegasys may cause dizziness, drowsiness or light-headedness in some people. If you drink alcohol, dizziness, drowsiness or light-headedness may be worse.

Side effects

Tell your doctor or pharmacist as soon as possible if you do not feel well while you are using Pegasys.

Pegasys helps most people with chronic hepatitis B or C.

All medicines can have side effects. Sometimes they are serious, most of the time they are not. You may need medical treatment if you get some of the side effects.

Ask your doctor or pharmacist to answer any questions you may have.

Tell your doctor if you notice any of the following and they worry you:

- flu-like symptoms such as fever, tiredness/fatigue, chills, muscle or joint pain and headache (these symptoms can usually be relieved by paracetamol)
- injection site reaction
- nausea (feeling sick)
- insomnia (difficulty sleeping)
- temporary hair loss (reversible after finishing treatment)
- loss of appetite
- weight loss
- diarrhoea
- itchiness or rash
- irritability (getting easily upset)
- depression (feeling low, feeling bad about yourself or feeling hopeless)
- anxiety
- aggressive behaviour
- colouring of the tongue

Tell your doctor immediately or go to Accident and Emergency at your nearest hospital if you notice any of the following:

- signs of anaemia, such as tiredness, shortness of breath when exercising, headaches, dizziness and looking pale
- severe chest pain
- feeling very depressed or suicidal
- thoughts of causing serious harm to others
- persistent cough
- trouble breathing
- irregular heartbeat
- problems with your eyesight, such as blurred or loss of vision
- severe stomach pain
- unusual bleeding or bruising
- swelling of the face or tongue, hives, skin pain
- a red or purple skin rash that spreads
- blisters, particularly on your mouth nose, or eyes
- fever or chills beginning a few weeks after treatment has started

These are serious side effects. You may need urgent medical attention. Serious side effects are rare.

This is not a complete list of all possible side effects. Your doctor or pharmacist has a more complete list. Others may occur in some people and there may be some side effects not yet known.

Tell your doctor if you notice anything else that is making you feel unwell, even if it is not on this list.

Ask your doctor or pharmacist if you don't understand anything in this list.

Do not be alarmed by this list of possible side effects.

You may not experience any of them.

After using Pegasys

Storage

Always keep this medicine in the carton until it is time to take it.

If you take the pre-filled syringes out of the pack they may not keep well.

Store Pegasys pre-filled syringes in the fridge at 2 to 8°C. Do not freeze.

Do not shake Pegasys.

Shaking can destroy Pegasys so that it will not work.

Protect Pegasys pre-filled syringes from light.

Do not leave it in the car or on windowsills.

Heat and dampness can destroy some medicines.

Keep Pegasys where young children cannot reach it.

The top shelf of the refrigerator is a good place to store this medicine.

Pegasys pre-filled syringes are for single use only.

The pre-filled syringe should be used once only and any remaining contents should be discarded with the needle.

Disposal

If your doctor tells you to stop using Pegasys, or the pre-filled syringe has passed its expiry date, ask your pharmacist what to do with any pre-filled syringes that are left over.

If you use Pegasys at home, you must throw away the syringes and needles in a sharps container.

This will help protect you and other people from accidental needle stick injuries. Being struck by a needle can pass diseases onto other people. Sharps containers are available from your pharmacist.

Product description

Availability

Pegasys pre-filled syringes are available in packs of four, in the following strengths:

- 135 mcg per 0.5 mL solution*
- 180 mcg per 0.5 mL solution

Not available in New Zealand

What Pegasys pre-filled syringes look like

Pegasys solution for injection is contained in a disposable glass syringe. The solution is clear and colourless to light yellow.

A stainless steel needle is also supplied with the syringe to allow for subcutaneous injection.

Ingredients

Active ingredient

- peginterferon alfa-2a

Inactive ingredients

Each pre-filled syringe also contains:

- sodium chloride
- benzyl alcohol
- sodium acetate
- acetic acid
- polysorbate 80
- water for injections

Distributor

Pegasys pre-filled syringes are distributed by:

Echo Therapeutics Pty Limited

ABN 628 298 699

Suite 1, 2 Kochia Lane

Lindfield NSW 2070

AUSTRALIA

Medical enquiries: 1300 848 328

Please check with your pharmacist for the latest Consumer Medicine Information

Australian Registration Numbers:

180 mcg/0.5 mL AUST R 91837

135 mcg/0.5 mL AUST R 91836

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