

Early Access to Medicines Scheme – Treatment protocol – Information for patients

Introduction

The aim of the Early Access to Medicines Scheme (EAMS) is to provide earlier availability of promising new unlicensed medicines (medicines that do not have a marketing authorisation) to UK patients that have a high unmet clinical need. The medicines included in the scheme are those that are intended to treat, diagnose or prevent seriously debilitating or life threatening conditions where there are no adequate treatment options. More information about the scheme can be found here:

<http://www.mhra.gov.uk/Howweregulate/Innovation/EarlyaccesstomedicinesschemeEAMS/index.htm>

The information below is intended for you, the patient, and is provided by the pharmaceutical company that manufactures the medicine. This medicine does not yet have a drug licence (also called a marketing authorisation) for this specific treatment combination in this specific type of lung cancer. It is however authorised alone in lung and bladder cancer. More information about medicines licensing can be found here:

<http://www.mhra.gov.uk/Safetyinformation/Generalsafetyinformationandadvice/Adviceandinformationforconsumers/MymedicineFromlaboratorytopharmacyshelf/Licensingmarketingauthorisation/index.htm>

This medicine can be prescribed for individual patients to meet specific needs provided they are given sufficient information about the medicine to make an informed decision. Informed consent should be obtained from you prior to treatment.

This information is provided to help you decide with your doctor on whether to use the medicine and helps explain how to use the medicine in accordance with the pharmaceutical company's instructions for safe and proper use. Whilst you are using this medicine, data will be collected on the use and safety profile of the medicine, to ensure that the benefits of taking the medicine outweigh any potential risks.

Information for the patient

Atezolizumab 1,200 mg concentrate for solution for infusion

Read all of this leaflet carefully before you are given this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor or nurse.
- If you get any side effects, talk to your doctor or nurse. This includes any possible side effects not listed in this leaflet. See section 4.
- It is important that you keep the Alert Card with you during treatment.

What is in this leaflet

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

1. What Atezolizumab is and what it is used for



What Atezolizumab is

Atezolizumab is an anti-cancer medicine that contains the active substance atezolizumab. It belongs to a group of medicines called monoclonal antibodies. A monoclonal antibody is a type of protein designed to recognise and attach to a specific target in the body.

What Atezolizumab is used for

Atezolizumab is used in this Early Access Medicine Scheme (EAMS) to treat adults with a specific type of cancer that affects the lungs, called non-small cell lung cancer with specific characteristics of tumour cells, called EGFR or ALK mutations. It is used in this cancer when it has spread to other parts of the body and after other specific treatments have failed to stop its progression.

It is used in combination with Avastin (bevacizumab), another monoclonal antibody used to treat lung cancer, and a chemotherapy combination (paclitaxel and carboplatin).

How Atezolizumab works

Atezolizumab works by attaching to a specific protein in your body called programmed death-ligand 1 (PD-L1). This protein suppresses the body's natural immune (defence) system, thereby protecting cancer cells from being attacked by the immune cells. By attaching to this protein, atezolizumab helps your immune system to fight your cancer.

2. What you need to know before you are given Atezolizumab

You must not be given Atezolizumab if:

- you are allergic to atezolizumab or any of the other ingredients of this medicine (listed in section 6). If you are not sure, talk to your doctor or nurse before you are given atezolizumab.

Warnings and precautions

Talk to your doctor or nurse before you are given Atezolizumab if you:

- have an auto-immune disease (a condition where the body attacks its own cells)
- have been told that your cancer has spread to your brain
- have ever had an inflammation of your lungs (called pneumonitis)
- have or have had chronic viral infection of the liver, including hepatitis B (HBV) or hepatitis C (HCV)
- have human immunodeficiency virus (HIV) infection or acquired immune deficiency syndrome (AIDS)
- have had serious side effects because of other antibody therapies that help your immune system to fight cancer
- have been given medicines to stimulate your immune system
- have been given medicines to suppress your immune system
- have been given a live, attenuated vaccine

If any of the above applies to you (or you are not sure), talk to your doctor or nurse before you are given Atezolizumab.

Atezolizumab may cause some side effects that you must tell your doctor about straight away. They may happen weeks or months after your last dose. Tell your doctor straight away if you notice any of the symptoms below:

- inflammation of the lung (pneumonitis): symptoms may include new or worsening cough, shortness of breath, and chest pain
- inflammation of the liver (hepatitis): symptoms may include yellowing of skin or eyes, nausea, vomiting, bleeding or bruising, dark urine, and stomach pain
- inflammation of the intestines (colitis): symptoms may include diarrhoea (watery, loose or soft stools), blood in stools, and stomach pain
- inflammation of the thyroid, adrenal glands and the pituitary gland (hypothyroidism, hyperthyroidism, adrenal insufficiency or hypophysitis): symptoms may include tiredness, weight loss, weight gain,



change in mood, hair loss, constipation, dizziness, headaches, increased thirst, increased urination and changes in vision.

- type 1 diabetes, including acid in the blood produced from diabetes (diabetic ketoacidosis): symptoms may include feeling more hungry or thirsty than usual, need to urinate more often, weight loss, and feeling tired
- inflammation of the brain (encephalitis) or inflammation of the membrane around the spinal cord and brain (meningitis): symptoms may include neck stiffness, headache, fever, chills, vomiting, eye sensitivity to light, confusion and sleepiness
- inflammation or problems of the nerves (neuropathy): symptoms may include muscle weakness and numbness, tingling in hands and feet
- inflammation of the pancreas (pancreatitis): symptoms may include abdominal pain, nausea and vomiting
- inflammation of the heart muscle (myocarditis): symptoms may include shortness of breath, decreased exercise tolerance, feeling tired, chest pain, swelling of the ankles or legs, irregular heart beat, and fainting
- inflammation of kidneys (nephritis): symptoms may include changes in urine output and color, pain in pelvis, and swelling of the body and may lead to failure of the kidneys
- severe reactions associated with infusion (events occurring during the infusion or within one day of the infusion): may include fever, chills, shortness of breath and flushing.

If you notice any of the symptoms above, tell your doctor straight away.

Do not try to treat yourself with other medicines. Your doctor may:

- Give you other medicines to prevent complications and reduce symptoms.
- Delay giving your next dose of atezolizumab.
- Stop your treatment with atezolizumab.

Tests and checks

Before your treatment, your doctor will check your general health. You will also have blood tests during your treatment.

Children and adolescents

This medicine should not be given to children or adolescents below 18 years of age. This is because the effects of atezolizumab in this age group are not known.

Other medicines and Atezolizumab

Tell your doctor or nurse if you are taking, have recently taken or might take any other medicines. This includes medicines obtained without a prescription, including herbal medicines.

Pregnancy and contraception

- Tell your doctor if you are pregnant, think you might be pregnant or are planning to become pregnant.
- You will not be given atezolizumab if you are pregnant unless your doctor considers it necessary. This is because the effect of atezolizumab in pregnant women is not known - it is possible that it could harm your unborn baby.
- If you could become pregnant, you must use effective contraception;
 - while you are being treated with atezolizumab and
 - for 5 months after the last dose.
- If you become pregnant while you are being treated with atezolizumab tell your doctor.

Breast-feeding

It is not known if atezolizumab gets into breast milk. Ask your doctor if you should stop breast-feeding or if you should stop treatment with atezolizumab.

Driving and using machines



Atezolizumab has minor influence on your ability to drive and use machines. If you feel tired, do not drive or use machines until you feel better.

3. How Atezolizumab is given

You will be given atezolizumab by a doctor experienced in cancer treatment in a hospital or clinic.

How much Atezolizumab is given

The recommended dose is 1,200 milligrams (mg) every three weeks.

How Atezolizumab is given

Atezolizumab is given as a drip into a vein (an intravenous infusion).

Your first infusion will be given over 60 minutes.

- Your doctor will monitor you carefully during the first infusion.
- If you do not have an infusion reaction during the first infusion, the next infusions will be given to you over a period of 30 minutes.

Atezolizumab will be given with other treatments

- In addition to atezolizumab you will receive bevacizumab, paclitaxel and carboplatin. These will also be given as a drip into a vein.
- Your doctor will calculate the correct dose for you and will determine the duration of each infusion.
- Please ask your doctor or nurse if you have any questions about bevacizumab, carboplatin and paclitaxel.

How long treatment lasts

You will receive this combination of medicines every three weeks up to six times. After that you will only receive atezolizumab and bevacizumab.

Your doctor will keep giving you atezolizumab until you no longer benefit from it. However, it may be stopped if the side effects become too much of a problem.

If you miss a dose of Atezolizumab

If you miss an appointment, make another one straight away. For the treatment to be fully effective, it is very important to keep having the infusions.

If you stop receiving Atezolizumab

Do not stop treatment with atezolizumab unless you have discussed this with your doctor. This is because stopping treatment may stop the effect of the medicine.

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 straight away if you notice any of the side effects below or if they get worse. They may happen weeks or months after your last dose. Do not try to treat yourself with other medicines:
The following side effects have been reported in clinical trials where atezolizumab was given alone:



Very common: may affect more than 1 in 10 people

- fever
- nausea; vomiting; loss of appetite; diarrhoea
- feeling very tired with no energy (fatigue); lack of energy (asthenia)
- itching of the skin; rash
- joint pain; back pain
- shortness of breath; cough
- urinary tract infection

Common: may affect up to 1 in 10 people

- low oxygen levels which may cause shortness of breath as a consequence of inflamed lungs (pneumonitis)
- stomach pain
- difficulty swallowing
- elevated liver enzymes (shown in tests) - may be a sign of an inflamed liver
- blood tests showing low levels of potassium (hypokalaemia) or sodium (hyponatremia)
- low platelet count, which may make you more likely to bruise or bleed
- low blood pressure (hypotension)
- underactive thyroid gland (hypothyroidism)
- allergic reaction (infusion-related reaction or hypersensitivity)
- flu-like illness; chills; blocked nose (nasal congestion)
- pain in the muscles and bones
- inflammation of the intestines (colitis)

Uncommon: may affect up to 1 in 100 people

- inflammation of the pancreas (pancreatitis)
- numbness or paralysis - these may be signs of Guillain-Barré syndrome
- inflammation of the membrane around the spinal cord and brain; inflammation of the brain (meningoencephalitis)
- low levels of adrenal hormones
- overactive thyroid gland (hyperthyroidism)
- type 1 diabetes

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

- inflammation of the heart muscle (myocarditis)
- myasthenia gravis - an illness that can cause muscle weakness
- inflammation of the pituitary gland situated at the base of the brain (hypophysitis)

In addition to the above mentioned side effects, the following may also occur when atezolizumab is given in combination with chemotherapy and Avastin (bevacizumab):

Very common: may affect more than 1 in 10 people

- constipation
- inflammation of the mouth or lips
- low number of red blood cells - which can cause tiredness and shortness of breath
- low white blood cell count with and without fever – which can increase the risk of infection
- low levels of magnesium – which can cause weakness and muscle cramping
- nerve damage resulting in possible numbness, pain, and/or loss of motor function (peripheral neuropathy)

For the side effects of Avastin (bevacizumab), you will receive its Patient Leaflet.

If you notice any of the side effects above or if they get worse, tell your doctor straight away.

Reporting of side effects



If you get any side effects, talk to your doctor or nurse. This includes any possible side effects not listed in this leaflet. By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Atezolizumab

Atezolizumab will be stored by the healthcare professionals at the hospital or clinic. The storage details are as follows:

- 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 carton and the vial label after EXP. The expiry date refers to the last day of that month.
- Store in a refrigerator (2 °C - 8 °C). Do not freeze.
- Keep the vial in the outer carton in order to protect from light.
- The diluted solution should not be kept more than 24 hours at 2 °C to 8 °C or 8 hours at ambient temperature.
- Do not use if this medicine is cloudy, discoloured or contains particles

Do not throw away any medicines via wastewater or household waste. Your healthcare professional will throw away any medicines that are no longer being used. These measures will help to protect the environment.

6. Contents of the pack and other information

What Atezolizumab contains

- The active substance is atezolizumab. Each mL contains 60 mg of atezolizumab. Each vial contains 1,200 mg of atezolizumab (in 20 mL).
- The other ingredients are L-histidine, glacial acetic acid, sucrose, polysorbate 20 and water for injections.

What Atezolizumab looks like and contents of the pack

Atezolizumab is a concentrate for solution for infusion. It is a clear, colourless to slightly yellowish liquid.

Atezolizumab is available in a pack containing 1 glass vial.

Scientific Opinion Holder

Roche Products Limited
6 Falcon Way
Shire Park
Welwyn Garden City
AL7 1TW
United Kingdom

Manufacturer

Roche Pharma AG
Emil-Barell-Strasse 1
D-79639
Grenzach-Wyhlen
Germany

This protocol was revised in December 2018

Additional information

Informed Consent Form



All patients will have the Early Access to Medicines Scheme explained to them using the informed consent form. The patient will be asked to sign this form and a copy will be given to them to keep.

Patient Alert Card

Each patient must be given a Patient Alert Card before they start treatment with atezolizumab. The patients must keep this alert card with them at all times during the treatment and for at least 5 months after completing their treatment with atezolizumab. The card summarises that they are currently receiving atezolizumab, the important side effects for which patients need to seek assistance should they occur, details of the patients treating oncologist managing their treatment, out of hours contact details and the company contact details.

Contact information

Contact details for reporting Adverse Events/Pregnancies:

SAE Email Address: welwyn.uk_dsc@roche.com

SAE Facsimile Transmission: +44 1707 367582

SAE TELEPHONE CONTACT: +44 1707 367554

Name: UK Drug Safety Centre

Contact email for the EAMS programme (excluding AE reporting):

welwyn.atezolizumabeams@roche.com

Contact Details for Medical Information

Roche Medical Information on 0800 328 1629 or email medinfo.uk@roche.com