Read all of this leaflet carefully before you start taking 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 pharmacist.
- 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 or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet:
1. What Berodual Respimat is and what it is used for
2. What you need to know before you take Berodual Respimat
3. How to take Berodual Respimat
4. Possible side effects
5. How to store Berodual Respimat
6. Contents of the pack and other information

1. What Berodual Respimat 20/50 microgram/dose is and what it is used for

Berodual Respimat is a medicine that contains two active ingredients (the anticholinergic agent ipratropium bromide and the beta2-agonist fenoterol hydrobromide) in combination. Both active ingredients relax the airway muscles and thus cause the bronchi to widen.

Berodual Respimat is used to prevent and to treat Bronchial spasms (bronchospasms) in asthma and chronic obstructive pulmonary disease (COPD). COPD is a long-term lung disease that causes shortness of breath and coughing. A concomitant ant-inflammatory therapy should be considered.

2. What you need to know before you take Berodual Respimat

Please read the following questions carefully. If you can answer any of these questions with `Yes` please discuss this with your doctor before taking Berodual Respimat

- are you allergic to the active substances (ipratropium bromide monohydrate and fenoterol hydrobromide), to atropine or similar drugs or to the other ingredients of this medicine?
- are you taking any other medicinal products containing atropine-like substances?
- are you pregnant, do you think you are pregnant, or are you breast-feeding?
- are you suffering from fast heartbeat or irregular heartbeats (tachyarrhythmia) or from a disease of the heart muscle with muscular narrowing of the outflow tract of the left ventricle (hypertrophic obstructive cardiomyopathy)?
- do you have a history of heart disease, irregular heartbeat or chest pain (angina pectoris)?

Do not take Berodual Respimat
- if you are allergic to the active substances (ipratropium bromide monohydrate and fenoterol hydrobromide), to any of the other ingredients of this medicine (listed in section 6) or to other atropine-like substances
- if you suffer from fast heartbeat with irregular heartbeat (tachyarrhythmia) or from a disease of the heart muscle with muscular narrowing of the outflow tract of the left ventricle (hypertrophic obstructive cardiomyopathy).

**Warnings and precautions**

Talk to your doctor immediately in the event of acute, rapidly worsening breathlessness.

In rare cases, immediate hypersensitivity reactions may occur following the use of Berodual Respimat, such as nettle rash, swelling of the face, skin and mucous membranes involving the mucous membrane of the mouth and throat, rash, spasms of the airways and severe allergic reactions called anaphylaxis that may be life-threatening.

As with other inhaled medicines Berodual Respimat may result in a coughing spell similar to an asthma attack (called paradoxical bronchospasm) that may be life-threatening. If this event occurs Berodual Respimat should be discontinued immediately and alternative therapy substituted. Therefore, contact your doctor immediately. Berodual Respimat, like other drugs of the same class (anticholinergic agents), should be used with caution if you are predisposed to increased intra-ocular pressure (narrow-angle glaucoma).

When taking Berodual Respimat take care not to let any spray enter your eyes. If any spray does get into your eyes you may get widening of the pupils, increased intra-ocular pressure (narrow-angle glaucoma) and eye pain. Talk to your doctor for further advice.

**NOTE**

Your doctor must therefore instruct you in the correct use of Berodual Respimat. Care must be taken not to allow the product to enter the eyes.

Signs of acute narrow-angle glaucoma may be:
- eye pain or discomfort
- blurred vision
- coloured rings around sources of light
- unreal colour sensation
- red eyes due to the congestion of blood in the conjunctiva or cornea.

Should any combination of these symptoms develop, you should seek specialist advice immediately so that treatment with pupil-narrowing (miotic) eye drops can be initiated.

**Particular caution should also be taken with Berodual Respimat if you suffer from the following, particularly if the recommended dosage is exceeded:**
- insufficiently controlled diabetes mellitus
- recent heart attack
- severe organic heart or vascular disorders
- hyperfunctioning of the thyroid gland (hyperthyroidism)
- tumour of the adrenal marrow (phaeochromocytoma)
- urinary outflow tract obstruction (e.g. if you have an enlargement of the prostate gland (prostatic hyperplasia) or a bladder-neck obstruction)

The administration of high doses of beta2-agonists (as also contained in Berodual Respimat) can result in a marked fall in potassium levels in the blood (hypokalaemia).
Instructions For Use

Introduction

Berodual Respimat (ipratropium bromide and fenoterol hydrobromide). Read these Instructions for Use before you start using Berodual Respimat:

- If Berodual Respimat has not been used for more than 7 days release one puff towards the ground.
- If Berodual Respimat has not been used for more than 21 days repeat steps 4 to 6 under ‘Prepare for first Use’ until a cloud is visible. Then repeat steps 4 to 6 three more times.
- Do not touch the piercing element inside the clear base.

How to care for your Berodual Respimat

Clean the mouthpiece including the metal part inside the mouthpiece with a damp cloth or tissue only, at least once a week.
Any minor discoloration in the mouthpiece does not affect your Berodual Respimat inhaler performance.
If necessary, wipe the outside of your Berodual Respimat with a damp cloth.

When to get a new Berodual Respimat