Buscopan is a drug that contains an active substance called hyoscine butylbromide. It belongs to the antispasmodics (drugs that relieve muscle spasms). This medicine reduces spasms in the muscles of internal organs (especially urinary and digestive organs), therefore it is used to treat pain originating in these organs. It is effective in the treatment of moderate to severe stomach pain.

Buscopan may be used in the following conditions:

- Acute gastrointestinal spasm
- Acute biliary spasm
- Acute genitourinary spasm
- Gall and renal colic
- Gastroduodenal endoscopy as an aid in the diagnosis

**Precautions**

This drug should be avoided in the following conditions:

- Myasthenia gravis (an autoimmune muscle disease).
- Megacolon (abnormal dilatation of the colon).
- Narrow-angle glaucoma. In these patients the use of Buscopan can cause a loss of vision! If you are experiencing eye pain, eye redness, sore eye or other vision problems, immediately contact your doctor!
- Tachycardia (rapid heart rate).
• Benign prostatic hyperplasia (*enlargement of the prostate*).
• Paralytic ileus (*intestinal obstruction due to paralysis of the intestinal muscles*).
• The mechanical stenosis in the gastrointestinal tract.
• In patients allergic to the active substance hyoscine butylbromide or other similar drugs.

In patients who have any of abovementioned conditions it can cause certain complications!

Buscopan should be used only with extra precautions in the following conditions:

• Cardiomyopathy (*weakened heart muscle*).
• Thyrotoxicosis (*excess of thyroid hormone in the body*).
• Fever. Patients with fever should avoid this medicament, because this drug reduces perspiration and can further increase the body temperature.

If you still have pain or pain gets worse, or you develop symptoms, such as:

1. nausea,
2. vomiting,
3. blood in the stool (*dark brown stool*),
4. hypotension (*low blood pressure*), or fainting, even after a few days of using Buscopan, contact your doctor.

If you are experiencing vision changes, you should avoid operating motor vehicles and machinery.

**Use during pregnancy and breastfeeding**

There are no adequate studies on using Buscopan during pregnancy and breastfeeding. However, it is not recommended use of this drug during pregnancy unless the benefits for the mother outweigh possible risks to the child.

Avoid breastfeeding while using this drug.

**How to use**

This medicine is found in the form of tablets (*Buscopan 10 mg*) as well as in the form of injections at a dose of 20 mg/ml. Injections can be administered in medical facilities only by trained medical staff.

The usual dose of Buscopan is 20 mg (or two tablets of *Buscopan 10 mg*), four times a day.

In children aged 6 to 12 years, recommended dose is 10 mg three times a day.

If you still feel pain even after taking a 20 mg of this drug, you can take Buscopan again after half an hour. However, you should not take more than 20 mg four times a day.

Swallow the tablet whole with a glass of water. Do not crush or chew it because it can reduce its effect. Buscopan can be taken regardless of food.

**Use with other medicines (Interactions)**

It should be avoided in combination with the following drugs:
Drugs used in the treatment of depression, such as:
- maprotiline,
- mianserin,
- mirtazapine,
- amoxapine,
- loxapine,
- mazindol,
- setiptiline, and others. Buscopan may increase the effect of these drugs and cause side effects.

Drugs used in the treatment of allergy, the so-called antihistamines, such as:
- loratadine,
- desloratadine,
- cetirizine,
- levocetirizine,
- hydroxyzine,
- fexofenadine,
- diphenhydramine,
- brompheniramine,
- chlorpheniramine,
- clemastine, and others. Buscopan may increase the effect of these medications and cause side effects.

Drugs used to treat psychiatric disorders, such as:
- haloperdiol,
- droperidol,
- trifluperidol,
- benperidol,
- promazine,
- chlorpromazine,
- levomepromazin,
- thioridazine,
- fluphenazine and others. Concomitant use with these drugs, increase the risk of side effects.

- Amantadine, a drug used in the treatment of Parkinson's disease.
- Drugs used to treat arrhythmias (irregular heartbeat), such as:
  - dizoprimaid,
  - quinidine, and others.
- Some medicines used to treat asthma and heart failure, as Buscopan may increase their effect and cause rapid heart rate!

Tell your doctor about all medications and herbal medicines you are taking.

### Side effects

Buscopan may cause the following side effects:

1. tachycardia (rapid heart rate),
2. abnormal vision (eye pain, eye redness, blurred vision, loss of vision),
3. constipation,
4. decreased sweating,
5. dry mouth,
6. difficulty urinating,
7. allergy and others.

Tell your doctor if you are experiencing any side effects.