

For the use of Registered Medical Practitioner or a Hospital or a Laboratory only.

Neostigmine Injection IP

AMERICAN
Stigvex
Injection

2.5 mg / 5ml
0.5 mg / 1ml
For I.M. / S.C. or
Slow I.V. Injection

Composition:

Each ml contains:
Neostigmine Methylsulphate IP 0.5 mg
Water for Injection IP q.s

What Neostigmine Injection is and what it is used for

Neostigmine Injection belongs to a group of medicines called cholinesterase inhibitors.

Neostigmine Injection is used:

To reverse the effects of some muscle relaxants in a condition where muscles become abnormally tired and weak (myasthenia gravis) and it is not suitable to give the treatment by mouth to improve the movement in the small intestine to reduce the inability to pass water or to relieve the feeling of being bloated after an operation.

What you need to know before you are given Neostigmine Injection

You should not be given Neostigmine Injection:

- if you are allergic to neostigmine methylsulphate or any of the other ingredients of this medicine.
- if you have an obstruction in your stomach, intestine or cannot urinate.
- if you have stomach pain, inflammation or infection of the outer layer of your stomach or intestines (peritonitis)
- if you are receiving suxamethonium, a muscle relaxant usually given during operations.

Tell your doctor if any of these apply to you before you are given this medicine.

Warnings and precautions

- Talk to your doctor or nurse before Neostigmine Injection is given to you if you suffer from asthma you have a very slow heart beat (less than 60 beats per minute) or you are suffering from heart disease which may cause heart failure, irregular heartbeats or low blood pressure.
- you have a stomach ulcer.
- you are suffering from fits or a brain disorder causing shaking, rigidity and slowing of movements (Parkinson's disease)
- you are elderly.
- you are allergic to neostigmine, as taking this medicine would cause a severe skin rash (cholinergic reaction).
- Speak to your doctor if any of these apply to you before you are given this medicine. Neostigmine Injection may cause the heart to beat very slowly (less than 60 beats per minute). Your doctor will take measures to avoid this happening.

Pregnancy and Lactation

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 taking this medicine.

As with all drugs, Neostigmine Injection should only be used during pregnancy and breast-feeding when your doctor decides that the benefits to you are greater than any possible risk to the baby.

Driving and using machines

Neostigmine Injection may cause drowsiness and dizziness which could interfere with your ability to drive or to use machines. Do not drive or operate machinery whilst you are taking this medicine. When your Neostigmine Injection treatment has stopped, ask your doctor when it will be safe for you to drive or use machines.

How Neostigmine Injection is given to you

Neostigmine Injection is administered by injection into a vein, into the muscle or into the tissue just beneath the skin.

Your doctor will decide the correct dose for you, depending on your

circumstances. Your dose may be calculated according to your weight.

If you think you have been given more Neostigmine Injection than you should

This is unlikely because this medicine will be administered by a doctor. If you are concerned about the dose, discuss this with your doctor.

An overdose may cause slowing of your heart beat, low blood pressure, increased production of saliva, muscle weakness and difficulty in breathing.

If you think you have missed a dose of Neostigmine Injection:

- If you think that you have missed a dose, tell your doctor or nurse immediately.
- If you have any further questions on the use of this medicine, ask your doctor or nurse.

Other medicines and Neostigmine Injection

- Tell your doctor if you are taking, have recently taken or might take any other medicines.
- cyclopropane, thiopental or halothane anaesthetics
- certain muscle relaxants such as succinylcholine or atropine
- certain antibiotics known as aminoglycosides such as neomycin sulphate and gentamicin
- beta blockers e.g., propranolol, atenolol.
- These are not the complete list of medicines mentioned above. Talk to your doctor, pharmacist or nurse before taking any other medicines.

Possible side effects

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

The other possible side effects are listed under headings of frequency, using the following categories:

Very common: may affect more than 1 in 10 people

Common: may affect up to 1 in 10 people

Uncommon: may affect up to 1 in 100 people.

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

Very rare: may affect up to 1 in 10,000 people

Not known: frequency cannot be estimated from the available data.

The following side effects have also been reported:

Not known (frequency cannot be estimated from the available data)
heart attack (characterized by fainting, fatigue, blackouts, dizziness, chest pain, shortness of breath, weakness, and vomiting)
feeling sick or being sick, loss of appetite
stomach cramps or diarrhoea
decrease in heart rate or abnormal heart beats
an increase in saliva
drowsiness or dizziness.

If any of the side effects gets serious, or if you notice any side effects not listed in this leaflet, please tell your doctor or nurse.

Other side effects not listed above may also occur in some patients.

If you notice any other effects, check with your doctor or nurse.

How to store Neostigmine Injection.

Storage: Store below 25°C. Protect from light. Do not freeze

Keep the medicine out of reach of children.

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