1. What Morphine Sulfate Solution for Injection is and what it is for

Morphine Sulfate, the active ingredient, belongs to a group of strong painkilling medicines called opioids which must be used only under a doctor’s instruction.

This medicine is a solution for injection that has been prepared in water so that it can be used with specially designed pumps which provide a continuous injection into the body. It is used in the treatment of severe pain, such as occurs with cancer, surgery, or after an accident. It is also used to reduce the anxiety and sleeplessness which may be caused by the pain of surgery, cancer, or other conditions.

This medicine also helps to relieve the anxiety and insomnia which may be associated with severe pain.

This medicine is only suitable for long-lasting pain and is not intended for pain which only lasts for short periods.

2. Before you are given Morphine Sulfate Solution for Injection

Before using this medicine please tell your doctor if you:

• Are pregnant or breast feeding
• Have had an accident or injury
• Are taking any other medicine
• Are taking medicines to make you sleep, such as hypnotics or sedatives
• Are taking one of a group of drugs called monoamine oxidase inhibitors (used to treat depression)
• Have low blood pressure (hypotension)
• Have epilepsy or other fits
• Have difficulty in passing urine due to an enlarged prostate
• Suffer from kidney or liver problems
• Suffer from asthma, chronic bronchitis or have any other illness which causes breathing difficulties
• Have raised pressure inside your skull

Check with your doctor if you have any concerns about any of the above.

3. How Morphine Sulfate Solution for Injection is used

The syringe may be put into a small machine which allows a slow continuous injection of this medicine to be given.

There is a procedure called Patient Controlled Analgesia (PCA) where you will be provided with a pump to control the amount of medicine you receive. There will be a safety device on the machine so that you cannot exceed the maximum number of doses.

The syringe may be put into a small machine which allows a slow continuous injection of this medicine to be given. There will be a safety device on the machine so that you cannot exceed the maximum number of doses.

Check with your doctor if you have any concerns about any of the above.

4. Possible Side Effects

If you experience any of the following side effects while using this medicine, please tell your doctor or pharmacist:

• It was not affecting your ability to drive safely
• You have taken it according to the instruction given by the prescriber or in the information provided with the medicine and
• The medicine has been prescribed to treat a medical or dental problem and
• You have taken the medicine as directed by the doctor and/or pharmacist.

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

Check with your doctor if you are concerned about any of the above.

5. Further Information

Additional information for Healthcare Professionals

(as stated on the Summary of Product Characteristic)
What this medicine looks like and contents of the pack:

This medicine is clear and colourless or almost colourless. This medicine is available in 50mL single use vials. The medicine is packed into cartons containing one vial or 10 vials. Both pack sizes may not be available at the same time.

What this medicine contains:

6. Further information

Store this medicine in a safe place where children cannot see or reach it.

Store this medicine away from sunlight and below 25ºC.

After the expiry date return any unused medicine to a pharmacy.

If you solter any sign of deterioration. The expiry date refers to the last day of the month.

doctor or nurse will check the product has not passed this date and that the medicine does not show any sign of deterioration. The expiry date refers to the last day of the month.

If you get any side effects, talk to your doctor, nurse or pharmacist. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme at: www.mhra.gov.uk/yellowcard. By reporting side effects you can help provide more information on the safety of this medicine.

Long-term treatment with this medicine

Tolerance and dependence are likely to occur after long-term treatment, and you may experience withdrawal symptoms if you stop taking this medicine suddenly. If you are concerned that you are becoming dependent on this medicine, speak to your doctor.

Withdrawal symptoms if you stop taking this medicine suddenly. If you are concerned that you are becoming dependent on this medicine, speak to your doctor. When this medicine is given for long-term treatment, it may be necesary to reduce the dosage gradually over several days or weeks. The dose may need to be titrated in the elderly, especially with seizure, delirium, hallucinations, psychosis, depression and constipation.

The patient should be specifically monitored for pain, sedation and respiratory rate during the first 10 minutes is recommended. Dosages may vary depending on the loading dose, the tolerance and condition of the patient, and whether a background infusion of morphine sulfate is being given. PCA demand dose

Loading dose:

Loading doses of typically between 1mg and 10mg (maximum 15mg) of morphine sulphate may be given by intravenous infusion over four or five minutes. The loading dose used will depend upon the patient's diagnosis and condition. The dosage should be adjusted according to the patient's response.

The loading dose of Morphine Sulfate Solution for Injection is intended for intravenous administration only and must not be administered by any other route.

5. How to store Morphine Sulfate Solution for Injection

The medicine should be stored in a safe place where children cannot see or reach it.

Marketing Authorization Holder: Torbay and South Devon NHS Foundation Trust, Torbay Pharmaceuticals, Wilkins Drive, Paignton, Devon, TQ4 7FG.

Sites of Manufacture

Torbay and South Devon NHS Foundation Trust, Torbay Pharmaceuticals, Wilkins Drive, Paignton, Devon, TQ4 7FG.

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