

# Tramadol Hydrochloride

10 mg/ml Oral Solution

**This medicine contains tramadol hydrochloride which is an opioid, which can cause addiction. You can get withdrawal symptoms if you stop taking it suddenly.**

**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 Tramadol oral solution is and what it is used for
2. What you need to know before you take Tramadol oral solution
3. How to take Tramadol oral solution
4. Possible side effects
5. How to store Tramadol oral solution
6. Contents of the pack and other information

### 1. What Tramadol oral solution is and what it is used for

This medicine has been prescribed for you for the treatment of moderate to severe pain. It contains tramadol hydrochloride which belongs to a class of medicines called opioids, which are 'pain relievers'. This medicine has been prescribed to you and should not be given to anyone else. Opioids can cause addiction and you may get withdrawal symptoms if you stop taking it suddenly. Your prescriber should have explained how long you will be taking it for and when it is appropriate to stop, how to do this safely.

### 2. What you need to know before you take Tramadol oral solution

#### Do not take Tramadol oral solution:

- If you are allergic to tramadol or any of the other ingredients of this medicine (listed in section 6);
- in acute poisoning with alcohol, sleeping pills, pain relievers or other psychotropic medicines (medicines that affect mood and emotions);
- if you are also taking MAO inhibitors (certain medicines used for treatment of depression) or have taken them in the last 14 days (see "Other medicines and Tramadol oral solution");
- if you are an epileptic and your fits are not adequately controlled by treatment;
- as a substitute in drug withdrawal.

#### Warnings and precautions

Talk to your doctor before taking Tramadol oral solution if you:

- Suffer from depression and you are taking antidepressants as some of them may interact with tramadol (see 'Other medicines and Tramadol oral solution').

#### Sleep-related breathing disorders

Tramadol oral solution can cause sleep-related breathing disorders such as sleep apnoea (breathing pauses during sleep) and sleep related hypoxemia (low oxygen level in the blood). The symptoms can include breathing pauses during sleep, night awakening due to shortness of breath, difficulties to maintain sleep or excessive drowsiness during the day. If you or another person observe these symptoms, contact your doctor. A dose reduction may be considered by your doctor.

Talk to your doctor or pharmacist if you experience any of the following symptoms while taking Tramadol oral solution:

- if you are or have ever been addicted to opioids, alcohol, prescription medicines, or illegal drugs;
- if you have previously suffered from withdrawal symptoms such as agitation, anxiety, shaking or sweating, when you have stopped taking alcohol or drugs;
- if you feel you need to take more of Tramadol oral solution to get the same level of pain relief, this may mean you are becoming tolerant to the effects of this medicine or are becoming addicted to it. Speak to your prescriber who will discuss your treatment and may change your dose or switch you to an alternative pain reliever;
- if you suffer from consciousness disorders (if you feel that you are going to faint);
- if you are in a state of shock (cold sweat may be a sign of this);
- if you suffer from increased pressure in the brain (possibly after a head injury or brain disease);
- if you have difficulty in breathing;
- if you have a tendency towards epilepsy or fits because the risk of a fit may increase;
- if you suffer from a liver or kidney disease.

Extreme fatigue, lack of appetite, severe abdominal pain, nausea, vomiting or low blood pressure. This may indicate that you have adrenal insufficiency (low cortisol levels). If you have these symptoms, contact your doctor, who will decide if you need to take hormone supplement.

Taking this medicine regularly, particularly for a long time, can lead to addiction. Your prescriber should have explained how long you will be taking it for and when it is appropriate to stop, how to do this safely.

Rarely, increasing the dose of this medicine can make you more sensitive to pain. If this happens, you need to speak to your prescriber about your treatment.

Addiction can cause withdrawal symptoms when you stop taking this medicine. Withdrawal symptoms can include restlessness, difficulty sleeping, irritability, agitation, anxiety, feeling your heartbeat (palpitations), increased blood pressure, feeling or being sick, diarrhoea, loss of appetite, shaking, shivering or sweating. Your prescriber will discuss with you how to gradually reduce your dose before stopping the medicine. It is important that you do not stop taking the medicine suddenly as you will be more likely to experience withdrawal symptoms.

Opioids should only be used by those they are prescribed for. Do not give your medicine to anyone else. Taking higher doses or more frequent doses of opioid, may increase the risk of addiction. Overuse and misuse can lead to overdose and/or death.

Epileptic fits have been reported in patients taking Tramadol oral solution at the recommended dose level. The risk may be higher when doses of Tramadol oral solution exceed the recommended upper daily dose limit 400 mg (40 ml).

Please also inform your doctor if one of these problems occurs during treatment with Tramadol oral solution or if they applied to you in the past.

Tramadol hydrochloride is transformed in the liver by an enzyme. Some people have a variation of this enzyme and this can affect people in different ways. In some people, they may not get enough pain relief but other people are more likely to get serious side effects. If you notice any of the following side effects, you must stop taking this medicine and seek immediate medical advice: slow or shallow breathing, confusion, sleepiness, small pupils, feeling or being sick, constipation, lack of appetite.

There is a small risk that you may experience a so-called serotonin syndrome that can occur after having taken tramadol in combination with certain antidepressants or tramadol alone. Seek medical advice immediately if you have any of the symptoms related to this serious syndrome (see section 4 'Possible side effects').

#### Children and adolescents

Use in children with breathing problems:

Tramadol oral solution is not recommended in children with breathing problems, since the symptoms of tramadol toxicity may be worse in these children.

#### Other medicines and Tramadol oral solution

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

Tramadol oral solution should not be taken together with MAO inhibitors (certain medicines for the treatment of depression).

The pain-relieving effect of Tramadol oral solution may be reduced and the length of time it acts may be shortened, if you take medicines which contain

- **carbamazepine** (for epileptic fits);
- **ondansetron** (prevents nausea).

Your doctor will tell you whether you should take Tramadol oral solution, and which dose.

The risk of side effects increases:

- if you are taking other pain relievers such as morphine and codeine (also as cough medicine), and alcohol while you are taking Tramadol oral solution. You may feel drowsier or feel that you might faint. If this happens tell your doctor;
- concomitant use of Tramadol oral solution and tranquillizers or sleeping pills (e.g. benzodiazepines), increases the risk of drowsiness, difficulties in breathing (respiratory depression), coma and may be life-threatening. Because of this, concomitant use should only be considered when other treatment options are not possible. However, if your doctor prescribes Tramadol oral solution together with sedating medicines the dose and the duration of concomitant treatment should be limited by your doctor. Please tell your doctor about all sedating medicines you are taking and follow your doctor's dose recommendation closely. It could be helpful to inform friends or relatives to be aware of the signs and symptoms stated above. Contact your doctor when experiencing such symptoms;
- if you are taking medicines which may cause convulsions (fits), such as certain antidepressants or antipsychotics. The risk having a fit may increase if you take Tramadol oral solution at the same time. Your doctor will tell you whether Tramadol oral solution is suitable for you;
- if you are taking certain antidepressants Tramadol oral solution may interact with these medicines and you may experience serotonin syndrome (see section 4 'Possible side effects');
- if you are taking coumarin anticoagulants (medicines for blood thinning), e.g. warfarin, together with Tramadol oral solution. The effect of these medicines on blood clotting may be affected and bleeding may occur.

#### Tramadol oral solution with food, drink and alcohol

Do not drink alcohol during treatment with Tramadol oral solution as its effect may be intensified.

Food does not influence the effect of Tramadol oral solution.

#### Pregnancy, breast-feeding and fertility

Do not take Tramadol oral solution if you are pregnant or think you might be pregnant unless you have discussed this with your prescriber and the benefits of treatment are considered to outweigh the potential harm to the baby.

If you use Tramadol oral solution during pregnancy, your baby may become dependent and experience withdrawal symptoms after the birth which may need to be treated.

Do not take Tramadol oral solution while you are breast-feeding as Tramadol hydrochloride passes into breast milk and will affect your baby.

#### Driving and using machines

Tramadol oral solution may cause drowsiness, dizziness and blurred vision and therefore may impair your reactions. If you feel that your reactions are affected, do not drive a car or other vehicle, do not use electric tools or operate machinery.

The medicine can affect your ability to drive as it may make you sleepy or dizzy.

- do not drive while taking this medicine until you know how it affects you
- it is an offence to drive if this medicine affects your ability to drive
- however, you would not be committing an offence if:
  - o the medicine has been prescribed to treat a medical or dental problem and
  - o you have taken it according to the instructions given by the prescriber or in the information provided with the medicine and
  - o it was not affecting your ability to drive safely.

Talk to your doctor or pharmacist if you are not sure whether it is safe for you to drive while taking this medicine.

#### Important information about some of the ingredients of Tramadol oral solution

This medicine contains:

Propylene glycol: This medicine contains 101.96 mg propylene glycol in each ml which is equivalent to 509.8 mg per dose of 5 ml or 1019.6 mg per dose of 10ml.

Glycerol (E 422): This medicine contains 100mg in each ml, which is equivalent to 500 mg per dose of 5 ml or 1g per dose of 10ml.

Sodium: This medicine contains 1.70 mg in each ml, which is equivalent to 8.5 mg per dose of 5 ml and 17 mg per dose of 10ml.

### 3. How to take Tramadol oral solution

Your prescriber should have discussed with you, how long the course of Tramadol oral solution will last. They will arrange a plan for stopping treatment. This will outline how to gradually reduce the dose and stop taking the medicine.

Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure.

The dosage should be adjusted to the intensity of your pain and your individual pain sensitivity. In general the lowest pain-relieving dose should be taken. Do not take more than 400 mg (40 ml) tramadol hydrochloride daily, except if your doctor has instructed you to do so.

Unless otherwise prescribed by your doctor, the usual dose is:

**Adults and adolescents above the age of 12 years**

5 ml to 10 ml Tramadol oral solution (equivalent to 50 mg – 100 mg tramadol hydrochloride). Depending on the pain the effect lasts for about 4 to 6 hours.

Your doctor may prescribe a different, more appropriate dosage of Tramadol oral solution if necessary.

**Children**

Tramadol oral solution is not suitable for children below the age of 12 years.

**Elderly patients**

In elderly patients (above 75 years) the excretion of tramadol hydrochloride may be delayed. If this applies to you, your doctor may recommend prolonging the dosage interval.

**Severe liver or kidney disease (insufficiency)/ dialysis patients**

Patients with severe liver and/or kidney insufficiency should not take Tramadol oral solution. If in your case the insufficiency is mild or moderate, your doctor may recommend prolonging the dosage interval.

**If you take more Tramadol oral solution than you should**

If you have taken an additional dose by mistake, this will generally have no negative effects. You should take your next dose as prescribed.

If you (or someone else) take a lot of Tramadol oral solution at the same time you should go to hospital or call a doctor straight away. Signs of an overdose include very small pupils, being sick, a fall in blood pressure, a fast heart beat, collapse, unconsciousness, fits and breathing difficulties or shallow breathing.

**If you forget to take Tramadol oral solution**

If you forget to take a dose, pain is likely to return. Do not take a double dose to make up for forgotten individual doses, simply continue taking the medicine as before.

**If you stop taking Tramadol oral solution**

Do not suddenly stop taking this medicine. If you want to stop taking this medicine, discuss this with your prescriber first. They will tell you how to do this, usually by reducing the dose gradually so that any unpleasant withdrawal effects are kept to a minimum. Withdrawal symptoms such as restlessness, difficulty sleeping, irritability, agitation, anxiety, feeling your heartbeat (palpitations), increased blood pressure, feeling or being sick, diarrhoea, shaking, shivering or sweating may occur if you suddenly stop taking this medicine.

**4. Possible side effects**

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

**You should see a doctor immediately if you experience symptoms of an allergic reaction such as swollen face, tongue and/or throat, and/or difficulty swallowing or hives together with difficulties in breathing.**

The most common side effects during treatment with Tramadol oral solution are nausea and dizziness, which occur in more than 1 in 10 people.

Very common: may affect more than 1 in 10 people

- dizziness
- feeling sick (nausea)

Common: may affect up to 1 in 10 people

- headaches, drowsiness
- fatigue
- constipation, dry mouth, being sick (vomiting)
- sweating (hyperhidrosis)

Uncommon: may affect up to 1 in 100 people

- effects on the heart and blood circulation (pounding of the heart, fast heartbeat, feeling faint or collapse). These adverse effects may particularly occur in patients in an upright position or under physical strain
- urge to sick (retching), stomach trouble (e.g. feeling of pressure in the stomach, bloating), diarrhoea
- skin reactions (e.g. itching, rash)

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

- allergic reactions (e.g. difficulty in breathing, wheezing, swelling of skin) and shock (sudden circulation failure) have occurred in very rare cases
- slow heartbeat
- increase in blood pressure
- abnormal sensations (e.g. itching, tingling, numbness), trembling, muscle twitches, uncoordinated movement, transient loss of consciousness (syncope), speech disorders
- epileptic fits
- changes in appetite
- hallucination, confusional state, sleep disorders, delirium, anxiety and nightmares
- psychological complaints may appear after treatment with tramadol. Their intensity and nature may vary (according to the patient's personality and length of therapy). These may appear as a change in mood (mostly high spirits, occasionally irritated mood), changes in activity (usually suppression, occasionally increase) and decreased cognitive and sensory perception (being less aware and less able to make decisions, which may lead to errors in judgement)
- blurred vision, excessive dilation of the pupils (mydriasis), constriction of the pupil (miosis)
- slow breathing, shortness of breath (dyspnoea)
- worsening of asthma has been reported, however it has not been established whether it was caused by tramadol. If the recommended doses are exceeded, or if other medicines that depress brain function are taken at the same time, breathing may slow down
- weak muscles
- passing urine with difficult or pain, passing less urine than normal (dysuria)

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

- hepatic enzyme increased

Not known: frequency cannot be estimated from the available data

- decrease in blood sugar level
- dependence and addiction (see section "How do I know if I am addicted?")
- hiccups
- serotonin syndrome, that can manifest as mental status changes (e.g. agitation, hallucinations, coma), and other effects, such as fever, increase in heart rate, unstable blood pressure, involuntary twitching, muscular rigidity, lack of coordination and/or gastrointestinal symptoms (e.g. nausea, vomiting, diarrhoea) (see section 2 'What you need to know before you take Tramadol oral solution').

**Drug Withdrawal**

When you stop taking Tramadol oral solution, you may experience drug withdrawal symptoms, which include restlessness, difficulty sleeping, irritability, agitation, anxiety, feeling your heartbeat (palpitations), increased blood pressure, feeling or being sick, diarrhoea, shaking, shivering or sweating.

**How do I know if I am addicted?**

If you notice any of the following signs whilst taking Tramadol oral solution, it could be a sign that you have become addicted.

- You need to take the medicine for longer than advised by your prescriber
  - You feel you need to take more than the recommended dose
  - You are taking the medicine for reasons other than prescribed
  - When you stop taking the medicine you feel unwell, and you feel better once taking the medicine again
- If you notice any of these signs, it is important you talk to your prescriber.

**Reporting of side effects**

If you get any side effects, talk to your doctor, pharmacist or nurse. 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](http://www.mhra.gov.uk/yellowcard) or search for MHRA Yellow Card in the Google Play or Apple App Store.

By reporting side effects you can help provide more information on the safety of this medicine.

**5. How to store Tramadol oral solution**

This medicinal product does not require any special storage conditions.

Keep this medicine out of the sight and reach of children.

Do not take Tramadol oral solution after the expiry date which is stated on the blister or carton after EXP. The expiry date refers to the last day of that month.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

**6. Contents of the pack and other information**

**What Tramadol oral solution contains**

- each 1ml of oral solution contains 10mg of the active substance tramadol hydrochloride.
- the other ingredients are: potassium sorbate, propylene glycol, sucralose, sodium cyclamate, saccharin sodium, glycerol, caramel powder, orange flavour, hydrochloric acid and purified water.

**What Tramadol oral solution looks like and contents of the pack**

Tramadol Hydrochloride 10 mg/ml Oral Solution is a clear, brown solution with orange odour. It is packed in amber, type III 100ml or 150ml glass bottles sealed with a child-resistant tamper-evident screw cap and with a dosing cup of 15ml with 5ml and 10ml graduations.

**Marketing Authorisation Holder**

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