

Package leaflet: Information for the patient
Carbamazepine Medreich
100 mg, 200 mg and 400 mg Tablets
Carbamazepine

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 Carbamazepine Tablets are and what they are used for
2. What you need to know before you take Carbamazepine Tablets
3. How to take Carbamazepine Tablets
4. Possible side effects
5. How to store Carbamazepine Tablets
6. Contents of the pack and other information

1. What Carbamazepine Tablets are and what they are used for

Carbamazepine, the active ingredient in Carbamazepine Tablets, can affect the body in several different ways. It is an anti-convulsant medicine (prevents fits), it can also modify some types of pain and can control mood disorders. Carbamazepine is used:

- To treat some forms of epilepsy
- To treat a painful condition of the face called trigeminal neuralgia
- To help control serious mood disorders when some other medicines don't work.

2. What you need to know before you take Carbamazepine Tablets

Do not take Carbamazepine Tablets:

- If you are allergic to carbamazepine or any of the other ingredients of this medicine (listed in section 6). Signs of an allergic reaction include swelling of the face or mouth (angioedema), breathing problems, runny nose, skin rash, blistering or peeling.
- If you are allergic to similar kind of drugs as carbamazepine such as oxcarbazepine (Trileptal), or to any of a related group of drugs known as tricyclic antidepressants (such as amitriptyline or imipramine). If you are allergic to carbamazepine there is a one in four (25%) chance that you could also have an allergic reaction to oxcarbazepine.
- If you have any heart problems.
- If you have ever had problems with your bone marrow.
- If you have a blood disorder called porphyria.
- If you have taken drugs called monoamine oxidase inhibitors (MAOIs), used to treat depression, within the last 14 days.

A small number of people being treated with anti-epileptics such as carbamazepine have had thoughts of harming or killing themselves. If at any time you have these thoughts, immediately contact your doctor.

Serious skin rashes (Stevens- Johnson syndrome, toxic epidermal necrolysis) have been reported with the use of carbamazepine. Frequently, the rash can involve ulcers of the mouth, throat, nose, genitals and conjunctivitis (red and swollen eyes). These serious skin rashes are often preceded by influenza-like symptoms fever, headache, body ache (flu-like symptoms). The rash may progress to widespread blistering and peeling of the skin. The highest risk for occurrence of serious skin reactions is within the first months of treatment.

These serious skin reactions can be more common in people from some Asian countries. The risk of these reactions in patients of Han Chinese or Thai origin may be predicted by testing a blood sample of these patients. Your doctor should be able to advise if a blood test is necessary before taking carbamazepine.

If you develop a rash or these skin symptoms, stop taking carbamazepine and contact your doctor immediately.

You should also ask yourself these questions before taking Carbamazepine. If the answer to any of these questions is YES, discuss your treatment with your doctor or pharmacist because Carbamazepine might not be the right medicine for you.

- Are you pregnant or planning to become pregnant?
- Are you breastfeeding?

There is a risk of harm to the unborn child if carbamazepine is used during pregnancy. Women of childbearing age should use effective contraception during treatment with carbamazepine and for at least two weeks after the last dose (see Pregnancy and breast-feeding).

It is important to tell your doctor or pharmacist if you are taking any other medicines for epilepsy at the same time as carbamazepine and you are pregnant, think you may be pregnant, or are planning to have a baby (see also the information in Section 2 on pregnancy and breast-feeding).

Warnings and precautions

Talk to your doctor or pharmacist before taking Carbamazepine Tablets:

- If you are pregnant or planning to become pregnant.
- If you are breastfeeding.
- If you suffer from the sort of epilepsy where you get mixed seizures which include absences.
- If you have any mental illness.
- If you are allergic to an epilepsy medicine called phenytoin.
- If you have liver problems.
- If you have kidney problems associated with low sodium blood level or you have kidney problems and you are taking certain medicines that lower sodium blood levels (diuretics such as hydrochlorothiazide, furosemide).
- If you are elderly.
- If you have any eye problems such as glaucoma (increased pressure in the eye) or you have difficulty retaining your urine.

Other medicines and Carbamazepine Tablets

Tell your doctor if you are taking, have recently taken or might take any other medicines, including anything that you have bought from a chemist or health food shop. It may be necessary to change the dose of some medicines, or stop taking something altogether.

Hormonal contraceptives, e.g. pills, patches, injections or implants.

Carbamazepine may affect how hormonal contraceptives work and make them less effective at preventing pregnancy. Talk to your doctor, who will

discuss with you the most suitable type of contraception to use while you are taking carbamazepine.

Tell the doctor if you are taking:

- Hormone Replacement Therapy (HRT). Carbamazepine can make HRT less effective.
- Any medicines for depression or anxiety.
- Corticosteroids ('steroids'). You might be taking these for inflammatory conditions such as asthma, inflammatory bowel disease, muscle and joint pains.
- Anticoagulants to stop your blood clotting.
- Antibiotics to treat infections including skin infections and TB (e.g. ciprofloxacin).
- Antifungals to treat fungal infections.
- Painkillers containing paracetamol, dextropropoxyphene, tramadol, methadone or buprenorphine.
- Other medicines to treat epilepsy (brivaracetam).
- Medicines for high blood pressure or heart problems.
- Antihistamines (medicines to treat allergy such as hayfever, itch, etc).
- Diuretics (water tablets).
- Cimetidine or omeprazole (medicines to treat gastric ulcers).
- Isotretinoin (a medicine for the treatment of acne).
- Metoclopramide or aprepitant (anti-sickness medications).
- Acetazolamide (a medicine to treat glaucoma - increased pressure in the eye).
- Danazol or gestrinone (treatments for endometriosis).
- Theophylline or aminophylline (used in the treatment of asthma).
- Ciclosporin, tacrolimus or sirolimus (immunosuppressants used after transplant operations, but also sometimes in the treatment of arthritis or psoriasis).
- Drugs to treat schizophrenia (e.g. paliperidone, aripiprazole).
- Cancer drugs (e.g. temsirolimus, cyclophosphamide, lapatinib).
- The anti-malarial drug, mefloquine.
- Drugs to treat HIV.
- Levothyroxine (used to treat hypothyroidism).
- Tadalafil (used to treat impotence).
- Albendazole (used to treat worms).
- Bupropion (used to help stop smoking).
- A herbal remedy called St John's Wort or Hypericum.
- Drugs or supplements containing Vitamin B (nicotinamide).

Carbamazepine Tablets with food, drink and alcohol

- Drinking alcohol may affect you more than usual. Discuss whether you should stop drinking with your doctor.
- Eating grapefruit, or drinking grapefruit juice, may increase your chance of experiencing side effects.
- Your doctor may want you to have a number of blood tests before you start taking Carbamazepine and from time to time during your treatment. This is quite usual and nothing to worry about.

Pregnancy and breastfeeding

If you are a woman who is able to have a baby and are not planning a pregnancy, you should use effective contraception during treatment with carbamazepine. Carbamazepine may affect how hormonal contraceptives, such as the contraceptive (birth control) pill, work and make them less effective at preventing pregnancy. Talk to your doctor, who will discuss with you the most suitable type of contraception to use while you are taking carbamazepine. If treatment with carbamazepine is discontinued you should continue using effective contraception for at least two more weeks following discontinuation.

If you are pregnant, or think you may be pregnant, you must tell your doctor straight away and discuss possible risks the epilepsy medicine you are taking might pose to your unborn baby.

If you are planning to become pregnant you should discuss your epilepsy treatment with your doctor as early as possible before you become pregnant.

You should not stop your treatment without discussing this with your doctor. Suddenly stopping may lead to breakthrough seizures which may harm you and your unborn baby. It is important that your epilepsy remains well controlled.

Taking carbamazepine during pregnancy increases the chance that the baby may have a physical birth abnormality (major congenital malformation). Studies with women treated with carbamazepine for epilepsy have shown that on average 4-5 babies in every 100 will have serious physical birth abnormalities. This is compared with 2 to 3 babies in every 100 born to women who do not have epilepsy.

These abnormalities can develop early in pregnancy, even before you are pregnant. The most common types of major congenital malformations reported for carbamazepine include spine bifida (where the bones of the spine are not properly developed); facial and skull malformations including cleft lip/palate; skeletal, heart, urinary tract and sexual organ malformations. Studies have found that the risk of physical birth abnormalities increase with increasing doses of carbamazepine. Therefore, it is important that where possible you are prescribed the lowest dose to control your epilepsy.

Ask your doctor about taking folic acid when trying for a baby and during pregnancy. Folic acid may lower the general risk of serious physical birth abnormalities that exists with all pregnancies.

Taking more than one epilepsy medicine at the same time may also increase the risk of physical birth abnormalities. This means that where possible, your doctor should consider using one epilepsy medicine to control your epilepsy. Studies suggest that taking carbamazepine during pregnancy does not increase the risk the child may have difficulties with learning and thinking ability.

Carbamazepine can cause major birth defects. If you take carbamazepine during pregnancy your baby has up to 3 times the risk of having a birth defect than women not taking an antiepileptic medication. Major birth defects including neural tube defect (opening in the spine), birth defect of the face such as cleft of the upper lip and palate, birth defect of the head, heart defects, birth defect of the penis involving the urinary opening (hypospadias) and finger defects have been reported. Your unborn baby should be closely monitored if you have taken carbamazepine while pregnant.

Problems with neurodevelopment (development of the brain) have been reported in babies born to mothers who used carbamazepine during pregnancy. Some studies have shown that carbamazepine negatively affects neurodevelopment of children exposed to carbamazepine in the womb, while other studies have not found such an effect. The possibility of an effect on neurodevelopment cannot be ruled out.

35 mm

Space for Pharmacist

50 mm

If you are a woman of childbearing age and are not planning a pregnancy, you should use effective contraception during treatment with carbamazepine. Carbamazepine may affect how hormonal contraceptives, such as the contraceptive (birth control) pill, work and make them less effective at preventing pregnancy. Talk to your doctor, who will discuss with you the most suitable type of contraception to use while you are taking carbamazepine. If treatment with carbamazepine is discontinued you should continue using effective contraception for two more weeks following discontinuation.

If you are a woman of childbearing age and are planning a pregnancy, talk to your doctor before you stop contraception and before you become pregnant about switching to other suitable treatments in order to avoid exposing the unborn baby to carbamazepine.

If you are or think you might be pregnant, tell your doctor straight away. You should not stop taking your medicine until you have discussed this with your doctor. Stopping your medication without consulting your doctor could cause seizures which could be dangerous to you and your unborn child. Your doctor may decide to change your treatment.

If you take carbamazepine during pregnancy, your baby is also at risk for bleeding problems right after birth. Your doctor may give you and your baby a medicine to prevent this.

Driving and using machines

Carbamazepine Tablets can make you feel dizzy or drowsy, or may cause blurred vision, double vision, or you may have a lack of muscular coordination, especially at the start of treatment or when the dose is changed. If you are affected in this way, or if your eyesight is affected, you should not drive or operate machinery.

Carbamazepine Tablets contain sodium

This medicine contains less than 1 mmol sodium (23 mg) per dosage unit, that is to say essentially sodium-free.

3. How to take Carbamazepine Tablets

Always take this medicine exactly as your doctor has told you. Check with your doctor if you are not sure. The dose will be on the pharmacist's label. Check the label carefully. It is important to take the tablets at the right times. If you are not sure, ask your doctor or pharmacist. Keep taking your tablets for as long as you have been told, unless you have any problems. In that case, check with your doctor.

Your doctor will usually start Carbamazepine at a fairly low dose which can then be increased to suit you individually. The dose needed varies between patients. You can take Carbamazepine Tablets during, after or between meals. Swallow the tablets with a drink. You are usually told to take a dose two or three times a day. The score line is only there to help you break the tablet if you have difficulty swallowing it whole.

To treat epilepsy the usual doses are:

Adults: 800-1,200 mg a day, although higher doses may be necessary. If you are elderly you might require a lower dose.

Children: Aged 5-10 years: 400-600 mg a day

Aged 10-15 years: 600-1,000 mg a day.

Carbamazepine Tablets are not recommended for children under 5.

To treat trigeminal neuralgia the usual dose is:

600-800 mg a day. The maximum dose is 1200 mg a day. If you are elderly you might require a lower dose.

To treat mood swings the usual dose is:

400-600 mg a day

If you forget to take Carbamazepine Tablets

If you forget to take a dose, take one as soon as you remember. If it is nearly time for your next dose though, just take the next dose and forget about the one you missed.

If you take more Carbamazepine Tablets than you should

If you accidentally take too many Carbamazepine Tablets, tell your doctor or your nearest hospital casualty department. Take your medicine pack with you so that people can see what you have taken.

4. Possible side effects

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

Some side effects can be serious

Stop taking Carbamazepine Tablets and tell your doctor straight away if you notice:

- Serious skin reactions such as rash, red skin, blistering of the lips, eyes or mouth, or skin peeling accompanied by fever. These reactions may be more frequent in patients of Chinese or Thai origin
- Mouth ulcers or unexplained bruising or bleeding
- Sore throat or high temperature, or both
- Yellowing of your skin or the whites of your eyes
- Swollen ankles, feet or lower legs
- Any signs of nervous illness or confusion
- Pain in your joints and muscles, a rash across the bridge of the nose and cheeks and problems with breathing (these may be the signs of a rare reaction known as lupus erythematosus)
- Fever, skin rash, joint pain, and abnormalities in blood and liver function tests (these may be the signs of a multi-organ sensitivity disorder)
- Bronchospasm with wheezing and coughing, difficulty in breathing, feeling faint, rash, itching or facial swelling (these may be the signs of a severe allergic reaction)
- Pain in the area near the stomach

The side effects listed below have also been reported.

Very common: may affect more than 1 in 10 people:

Leucopenia (a reduced number of the cells which fight infection making it easier to catch infections); dizziness and tiredness; feeling unsteady or finding it difficult to control movements; feeling or being sick; changes in liver enzyme levels (usually without any symptoms); skin reactions which may be severe.

Common: may affect up to 1 in 10 people:

Changes in the blood including an increased tendency to bruise or bleed; fluid retention and swelling; weight increase; low sodium in the blood which might result in confusion; headache; double or blurred vision; dry mouth.

Uncommon: may affect up to 1 in 100 people:

Abnormal involuntary movements including tremor or tics; abnormal eye movements; diarrhoea; constipation.

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

Disease of the lymph glands; folic acid deficiency; a generalised allergic reaction including rash, joint pain, fever, problems with the kidneys and other organs; hallucinations; depression; loss of appetite; restlessness; aggression; agitation; confusion; speech disorders; numbness or tingling in the hands and feet; muscle weakness; high blood pressure (which may make you feel dizzy, with a flushed face, headache, fatigue and nervousness); low blood pressure (the symptoms of which are feeling faint, light headed, dizzy,

confused, having blurred vision); changes to heart beat; stomach pain; liver problems including jaundice; symptoms of lupus.

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

Changes to the composition of the blood including anaemia; porphyria; meningitis; swelling of the breasts and discharge of milk which may occur in both male and females; abnormal thyroid function tests; osteomalacia (which may be noticed as pain on walking and bowing of the long bones in the legs); osteoporosis; increased blood fat levels; taste disturbances; conjunctivitis; glaucoma; cataracts; hearing disorders; heart and circulatory problems including deep vein thrombosis (DVT), the symptoms of which could include tenderness, pain, swelling, warmth, skin discoloration and prominent superficial veins; lung or breathing problems; severe skin reactions including Stevens- Johnson syndrome (These reactions may be more frequent in patients of Chinese or Thai origin); sore mouth or tongue; liver failure; increased sensitivity of the skin to sunlight; alterations in skin pigmentation; acne; excessive sweating; hair loss; increased hair growth on the body and face; muscle pain or spasm; sexual difficulties which may include reduced male fertility, loss of libido or impotence; kidney failure; blood spots in the urine; increased or decreased desire to pass urine or difficulty in passing urine.

Unknown: frequency cannot be estimated from the available data:

Severe skin reactions, accompanied by feeling unwell and changes in blood results. Diarrhoea, abdominal pain, and fever (signs of inflammation of the colon), reactivation of herpes virus infection (can be serious when immune system is depressed), complete loss of nails, fracture, decrease in the measure of the bone density, drowsiness, memory loss, purple or reddish-purple bumps that may be itchy.

High levels of ammonia in the blood (hyperammonaemia). The symptoms of hyperammonaemia may include irritability, confusion, vomiting, loss of appetite, and sleepiness.

Do not be alarmed by this list. Most people take Carbamazepine Tablets without any problems.

If any of the symptoms become troublesome, or if you notice anything else not mentioned here, please go and see your doctor. He/she may want to give you a different medicine.

There have been reports of bone disorders including osteopenia and osteoporosis (thinning of the bone) and fractures. Check with your doctor or pharmacist if you are on long-term antiepileptic medication, have a history of osteoporosis, or take steroids.

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 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 Carbamazepine Tablets

- Keep this medicine out of the sight and reach of children.
- Do not take this medicine after the expiry date, which is stated on the box and on the blister pack. The expiry date refers to the last day of that month.
- This medicinal product does not require any special storage conditions.
- 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 Carbamazepine Tablets contain

The active substance is carbamazepine.

100mg: Each uncoated tablet contains 100 mg of carbamazepine.

200mg: Each uncoated tablet contains 200 mg of carbamazepine

400mg: Each uncoated tablet contains 400 mg of carbamazepine

The other ingredients are: Microcrystalline cellulose (E460), Povidone (K-30, [E1201]), Croscarmellose sodium (E468), Colloidal anhydrous silica (E551), Magnesium stearate (E572).

What Carbamazepine Tablets look like and contents of the pack

Carbamazepine Medreich 100mg Tablets: White to off white, round, flat, uncoated tablets with bevelled edges, having one side score line debossed with '100' and plain on other side. The score line is only to facilitate breaking for ease of swallowing and not to divide the tablet into equal doses.

Carbamazepine Medreich 200mg Tablets: White to off white, round, flat, uncoated tablets with bevelled edges, having one side score line debossed with '200' and plain on other side. The score line is only to facilitate breaking for ease of swallowing and not to divide the tablet into equal doses.

Carbamazepine Medreich 400mg Tablets: White to off white, flat, rod shaped, uncoated tablets with bevelled edges, having score line on both sides. The score line is only to facilitate breaking for ease of swallowing and not to divide the tablet into equal doses.

Carbamazepine Medreich 100mg, 200mg and 400mg Tablets are available in blister packs of 28, 56 and 84 tablets.


Not all pack sizes may be marketed.

0254/O/84-BC/001/I-3

0255/O/84-BC/001/I-3

0256/O/56-BC/001/I-3

Marketing Authorisation Holder and Manufacturer:

 **MEDREICH PLC**
Warwick House, Plane Tree Crescent,
Feltham TW13 7HF, UK
E-mail : info@medreich.co.uk

POM

To listen to or request a copy of this leaflet in Braille, large print or audio please call, 02088311580 (UK only) Please be ready to give the following information:

Product name	Reference number
Carbamazepine Medreich 100mg Tablets	PL 21880/0254
Carbamazepine Medreich 200mg Tablets	PL 21880/0255
Carbamazepine Medreich 400mg Tablets	PL 21880/0256

This product is authorized in the Member States of the EEA under the following name(s):

Carbamazepine Medreich 100mg Tablets (United Kingdom, Ireland)

Carbamazepine Medreich 200mg Tablets (United Kingdom, Ireland)

Carbamazepine Medreich 400mg Tablets (United Kingdom, Ireland)

This leaflet was last revised in December 2021

Colours
 **Red 032 C**
 **Black**

Font Type & Size	Times New Roman
	Heading - 8.5 pts - Bold
	Body - 8.5 pts - Regular
RA Artwork Code	0254-0255/O/84-BC/001/I-3
	0256/O/56-BC/001/I-3
Version	V-1

Unit 3

MEDREICH LIMITED				Title: Art Work Approval Form			
Product	Carbamazepine Tablets - S/L - English - PIL			Specification:	Printed on 40.5 (±3.5) GSM news print paper		
Customer	MEDREICH PLC - UK			Colours:	2 - Red 032 C and Black		
Reason for Issue	AWR NO.: (Old code-1221356) Revision of text to update variation as per PRAC Recommendations.			Dimensions:	170 x 350 mm (Open Size), 170 x 30 mm (Folded Size)		
Related FG Codes	1305626 / 27 / 28	Pharmacode No.	XXXX	No. of Folds (only for PIL)	04	Artwork made to	80%
Item Code	122XXXX-V1 (WOA)	Layout No.:	NA				
Verified By			Approved By				
PDC:	PDC:	Regulatory:	QC:	CQA:			