

Depo-Medrone® with Lidocaine (methylprednisolone acetate and lidocaine hydrochloride)

PHYSICIAN LEAFLET

FOR FURTHER INFORMATION PLEASE REFER TO THE SUMMARY OF PRODUCT CHARACTERISTICS.

Posology and method of administration

Depo-Medrone with Lidocaine should not be mixed with any other preparation as flocculation of the product may occur. Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration whenever suspension and container permit.

Depo-Medrone with Lidocaine may be used by any of the following routes: intra-articular, periarticular, intrabursal, and into the tendon sheath. It **must not** be used by the intrathecal, or intravenous routes.

Adults

Intra-articular: Rheumatoid arthritis, osteo-arthritis. The dose of Depo-Medrone with Lidocaine depends on the size of the joint and the severity of the condition. Repeated injections, if needed, may be given at intervals of one to five or more weeks depending upon the degree of relief obtained from the initial injection. A suggested dosage guide is: large joint (knee, ankle, shoulder), 0.5 - 2 ml (20 - 80 mg of steroid); medium joint (elbow, wrist), 0.25 - 1 ml (10 - 40 mg of steroid); small joint (metacarpophalangeal, interphalangeal, sternoclavicular, acromioclavicular), 0.1 - 0.25 ml (4 - 10 mg of steroid).

Periarticular: Epicondylitis. Infiltrate 0.1 - 0.75 ml (4 - 30 mg of steroid) into the affected area.

Intrabursal: Subdeltoid bursitis, prepatellar bursitis, olecranon bursitis. For administration directly into bursae, 0.1 - 0.75 ml (4 - 30 mg of steroid). In most acute cases, repeat injections are not needed.

Into the tendon sheath: Tendinitis, tenosynovitis, epicondylitis. For administration directly into the tendon sheath, 0.1 - 0.75 ml (4 - 30 mg of steroid). In recurrent or chronic conditions, repeat injections may be necessary.

Paediatric population

For infants and children, the recommended dosage should be reduced, but dosage should be governed by the severity of the condition rather than by strict adherence to the ratio indicated by age or body weight.

Elderly

When used according to instructions, there is no information to suggest that a change in dosage is warranted in the elderly. However, treatment of elderly patients, particularly if long-term, should be planned bearing in mind the more serious consequences of the common side-effects of corticosteroids in old age and close clinical supervision is required.

Special precautions should be observed when administering Depo-Medrone with Lidocaine:

Intra-articular injections should be made using precise, anatomical localisation into the synovial space of the joint involved. The injection site for each joint is determined by that location where the synovial cavity is most superficial and most free of large vessels and nerves. Suitable sites for intra-articular injection are the knee, ankle, wrist, elbow, shoulder, phalangeal and hip joints. The spinal joints, unstable joints and those devoid of synovial space are not suitable. Treatment failures are most frequently the result of failure to enter the joint space, however, treatment failure may also occur despite a proper injection into the synovial space as confirmed by aspiration of fluid. Intra-articular injections should be made with care as follows: ensure correct positioning of the needle into the synovial space and aspirate a few drops of joint fluid. The aspirating syringe should then be replaced by another containing Depo-Medrone with Lidocaine. To ensure position of the needle synovial fluid should be aspirated and the injection made.

After injection the joint is moved slightly to aid mixing of the synovial fluid and the suspension. Subsequent to therapy care should be taken for the patient not to overuse the joint in which benefit has been obtained. Negligence in this matter may permit an increase in joint deterioration that will more than offset the beneficial effects of the steroid.

Intrabursal injections should be made as follows: the area around the injection site is prepared in a sterile way and local anaesthesia is administered as necessary. A 20 to 24 gauge needle attached to a dry syringe is inserted into the bursa and the fluid aspirated. The needle is left in place and the aspirating syringe changed for a small syringe containing the desired dose. After injection, the needle is withdrawn and a small dressing applied. In the treatment of tenosynovitis and tendinitis, care should be taken to inject Depo-Medrone with Lidocaine into the tendon sheath rather than into the substance of the tendon. Due to the absence of a true tendon sheath, the Achilles tendon should not be injected with Depo-Medrone with Lidocaine.

The usual sterile precautions should be observed with each injection.

Incompatibilities

In the absence of compatibility studies, this medicinal product must not be mixed with other medicinal products.

Special precautions for storage

Do not store above 25°C. Do not freeze.

Special precautions for disposal and other handling

No special requirements for disposal. Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

Nerves and mood issues

Not known

Steroids including methylprednisolone can cause serious mental health problems.

These are common in both adults and children. They can affect about 5 in every 100 people taking medicines like methylprednisolone.

- Feeling depressed, including thinking about suicide.
- Feeling high (mania) or moods that go up and down.
- Feeling anxious, having problems sleeping, difficulty in thinking or being confused and losing your memory.
- Feeling, seeing or hearing things which do not exist. Having strange and frightening thoughts, changing how you act or having feelings of being alone.
- Other nervous system side effects may include convulsions (seizures), amnesia (loss of memory), cognitive disorder (mental changes), tremor, dizziness and headache, drowsiness, difficulty breathing, sensation of cold, heat or numbness, tinnitus or unconsciousness.
- Back pain or weakness (due to Epidural Lipomatosis, a rare disorder in which an abnormal amount of fat is deposited on or outside the lining of the spine).

Skin

Not known

- Acne.
- Bruising.
- Abscess, especially near injection sites.
- Thinning of skin, stretch marks.
- Small purple/red patches on the skin.
- Pale or darker patches on your skin, or raised patches which are an unusual colour.
- Increased hair on the body and face (hirsutism).
- Rash, skin redness, itching, hives.
- Increased sweating.
- Face swelling (face oedema).

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 Depo-Medrone with Lidocaine

Keep out of the sight and reach of children.

Do not use this medicine after the expiry date shown on the carton label or vial label. The expiry date refers to the last day of that month. Do not store above 25°C. Protect from freezing.

If your medicine becomes discoloured or shows any other signs of deterioration, consult your pharmacist (chemist) who will tell you what to do. 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 to protect the environment.

6 Contents of the pack and other information

What Depo-Medrone with Lidocaine contains

Each 1ml vial contains 40mg methylprednisolone acetate and 10mg Lidocaine hydrochloride. Each vial also contains sodium chloride, myristyl-gamma-picolinium chloride, benzyl alcohol as 8.7mg per ml, macrogol, sodium hydroxide, hydrochloric acid and water for injections.

What Depo-Medrone with Lidocaine looks like

Depo-Medrone with Lidocaine is a white, sterile aqueous suspension for injection. Depo-Medrone with Lidocaine is available in cartons of 1 x 1ml vial or 3 x 1ml vials.

Manufacturer and Licence Holder

Depo-Medrone is manufactured by Pfizer Manufacturing Belgium NV, Rijksweg 12, B-2870, Puurs, Belgium and is procured from within the EU and repackaged by the Product Licence Holder: Lexon (UK) Limited, Unit 18, Oxleasow Road, East Moons Moat, Redditch, Worcestershire, B98 0RE.

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Depo-Medrone is a registered trademark of Pharmacia Limited.

Leaflet revision date: 25/03/25

For any information about this medicine, please contact the Product Licence Holder: Lexon (UK) Limited, Tel: 01527 505414.

Blind or partially sighted? Is this leaflet hard to see or read? Phone Lexon (UK) Limited, Tel: 01527 505414 to obtain the leaflet in a format suitable for you

Depo-Medrone® with Lidocaine (methylprednisolone acetate and lidocaine hydrochloride) Patient Information Leaflet

Your medicine is called Depo-Medrone with Lidocaine and will be referred to as Depo-Medrone with Lidocaine throughout this leaflet.

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, pharmacist or nurse.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet

- What Depo-Medrone with Lidocaine is and what it is used for
- What you need to know before you use Depo-Medrone with Lidocaine
- How to use Depo-Medrone with Lidocaine
- Possible side effects
- How to store Depo-Medrone with Lidocaine
- Contents of the pack and other information

1 What Depo-Medrone with Lidocaine is and what it is used for

Depo-Medrone with Lidocaine contains methylprednisolone acetate and lidocaine hydrochloride monohydrate.

Methylprednisolone belongs to a group of medicines called corticosteroids or steroids. Corticosteroids are produced naturally in your body and are important for many body functions. When injected into the body, such as in or near a joint, corticosteroids help reduce symptoms caused by inflammatory or rheumatic conditions.

This medicine also contains lidocaine which is a local anaesthetic. Lidocaine helps to reduce any local pain caused by injecting this medicine.

This medicine will be injected by a doctor or nurse to help treat the symptoms caused by the following conditions:

- Bursitis:** inflammation in the fluid containing spaces around the shoulder, knee and/or elbow joints. For this condition this medicine will be injected directly into one or more of these spaces.
- Osteoarthritis and rheumatoid arthritis:** inflammation located in between the joints. For these conditions this medicine will be injected directly into one or more joint spaces.
- Epicondylitis, tendonitis and tenosynovitis:** Tennis elbow (epicondylitis), inflammation in a tendon (tendonitis), or a tendon’s covering sheath (tenosynovitis). For these conditions this medicine will be injected into the tendon or its tendon sheath.

Your doctor may use this medicine to treat conditions other than those listed above. You must talk to your doctor, if you do not feel better or if you feel worse.

2 What you need to know before you use Depo-Medrone with Lidocaine

Do not use Depo-Medrone with Lidocaine:

- If you think you have ever suffered an **allergic reaction**, or any other type of reaction after being given Depo-Medrone with Lidocaine, or any other medicine containing a corticosteroid or local anaesthetic or any of the other ingredients of this medicine (listed in section 6). An allergic reaction may cause a skin rash or reddening, swollen face or lips or shortness of breath.
- If you get a **rash**, or another symptom of an infection.
- If you have recently had, or are about to have any **vaccination**.
- In premature babies or neonates.

See your doctor immediately if any of the above applies to you.

Contact your doctor immediately, if you experience any muscle pain, muscle weakness, and /or red-brown change in the colour of your urine as this might be a sign of rhabdomyolysis which is a severe condition involving breakdown of your muscles.

Do not inject this medicine:

- into the **Achilles tendon** (which is located behind the ankle joint)
- directly into a **vein (intravenous)**, a **muscle (intramuscular)**, the spinal cord (intrathecal), into the nostrils (intranasal), in the eye (intraocular).

Warnings and precautions

Talk to your doctor or nurse before taking Depo-Medrone with Lidocaine if you have any of the following conditions.

Your doctor may also have to monitor your treatment more closely, alter your dose or give you another medicine.

- Acute adrenal insufficiency** (when your body cannot produce enough corticosteroid due to problems with your adrenal glands).
- Acute pancreatitis** (inflammation of the pancreas).
- Chickenpox, measles, shingles** or a **herpes** eye infection. If you think you have been in contact with someone with chickenpox, measles or shingles and you have not already had these illnesses, or if you are unsure if you have had them.
- Severe **depression** or **manic depression** (bipolar disorder). This includes having had depression before while taking steroid medicines like Depo-Medrone with Lidocaine, or having a family history of these illnesses.

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- Cushing’s disease** (condition caused by an excess of cortisol hormone in your body).
- Diabetes** (or if there is a family history of diabetes).
- Epilepsy, fits or seizures**.
- Glaucoma** (increased pressure in the eye) or if there is a family history of glaucoma.
- Contact your doctor if you experience **blurred vision or other visual disturbances**.
- You have recently suffered a **heart attack**.
- Heart problems**, including heart failure or infections.
- Hypertension** (high blood pressure).
- Hypotension (low blood pressure)**.
- Hypothyroidism** (an under-active thyroid).
- Joint infection** – which is active and so requires treatment.
- Kidney or liver** disease.
- Scleroderma** (also known as systemic sclerosis, an autoimmune disorder), because the risk of a serious complication called scleroderma renal crisis may be increased. Signs of scleroderma renal crisis include increased blood pressure and decreased urine production.
- Muscle problems** (pain or weakness) have happened while taking steroid medicines in the past.
- Myasthenia gravis** (a condition causing tired and weak muscles).
- If you have recently had an **operation**.

- Osteoporosis** (brittle bones).
- Peritonitis** (Inflammation of the thin lining (peritoneum) around the gut and stomach).
- Pheochromocytoma** (a rare tumour of adrenal gland tissue. The adrenal glands are located above the kidneys).
- Skin abscess** or other disorders of the skin.
- Stomach ulcer** or other serious stomach or intestinal problems (ulcerative colitis).
- Unusual **stress**.
- Thrombophlebitis** - vein problems due to thrombosis (clots in the veins) resulting in phlebitis (red, swollen and tender veins).
- Tuberculosis** (TB) or if you have suffered tuberculosis in the past.
- Traumatic brain injury**

You **must** tell your doctor before you take this medicine if you have any of the conditions listed above.

Depo-Medrone with Lidocaine treatment may increase your risk of infection, may mask some signs of infections, make current infections worse, or cause old, hidden infections to come back or get worse. New infections may also appear during Depo-Medrone with Lidocaine use. Different infections may therefore occur more easily during the treatment. Please report any signs or symptoms of infection to your doctor or nurse. Your doctor will monitor you closely, for the development of infection and consider stopping treatment or reducing the dose as needed.

Other medicines and Depo-Medrone with Lidocaine

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

You should tell your doctor if you are taking any of the following medicines which can affect the way Depo-Medrone with Lidocaine or the other medicine works:

- Acetazolamide** - used to treat glaucoma and epilepsy.
- Aminoglutethimide** and **cyclophosphamide**– used for treating cancer.
- Anaesthetics, local** (medicines used for pain relief in a specific area) – toxic effects are enhanced.
- Antiarrhythmics** (class Ib- medicines used to control abnormal heart rate) – increased risk of toxicity.
- Antibacterials** (such as isoniazid, erythromycin, clarithromycin and troleandomycin).
- Antivirals** (such as ritonavir, indinavir) and **pharmacokinetic enhancers** (such as cobicistat) used to treat HIV infections.
- Oral Anticoagulants** of the vitamin K antagonists class – used to prevent blood clotting such as acenocoumarol, phenindione, fludionide and warfarin.
- Anticholinesterases** - used to treat myasthenia gravis (a muscle condition) such as distigmine and neostigmine.
- Antidiabetics** – medicines used to treat high blood sugar.
- Antiemetics** (such as aprepitant and fosaprepitant).
- Aspirin** and non-steroidal anti-inflammatory medicines (also called **NSAIDs**) such as ibuprofen used to treat mild to moderate pain.
- Barbiturates, carbamazepine, phenytoin and primidone** – used to treat epilepsy.
- Carbenoxolone** - used for heartburn and acid indigestion.
- Ciclosporin** - used to treat conditions such as severe rheumatoid arthritis, severe psoriasis or following an organ or bone marrow transplant.
- Digoxin** - used for heart failure and/or an irregular heartbeat.
- Diltiazem** – used for heart problems or high blood pressure.
- Ethinylestradiol** and **norethindrone** – oral contraceptives.
- Indinavir** and **ritonavir** – used to treat HIV infections.
- Ketoconazole** or **itraconazole** – used to treat fungal infections.
- Pancuronium and vecuronium** – or other medicines called neuromuscular blocking agents which are used in some surgical procedures.
- Potassium depleting agents – such as **diuretics** (sometimes called water tablets), **amphotericin B, xanthenes or beta2 agonists** (e.g. medicines used to treat asthma).
- Rifampicin** and **rifabutin** – antibiotics used to treat tuberculosis (TB).
- Tacrolimus** – used following an organ transplant to prevent rejection of the organ.
- Vaccines** - tell your doctor or nurse if you have recently had, or are about to have any vaccination. You **must not** have 'live' vaccines while using this medicine. Other vaccines may be less effective.

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If you are taking long term medication(s)

If you are being treated for diabetes, high blood pressure or water retention (oedema) tell your doctor as he/she may need to adjust the dose of the medicines used to treat these conditions.

Before you have any operation, tell your doctor, dentist or anaesthetist that you are taking this medicine.

If you require a test to be carried out by your doctor or in hospital it is important that you tell the doctor or nurse that you are taking Depo-Medrone with Lidocaine. This medicine can affect the results of some tests.

Depo-Medrone with Lidocaine with drink

Do not drink grapefruit juice while taking this medicine.

Pregnancy and breast-feeding

If you are pregnant, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine, as this medicine could slow the baby’s growth. There is a risk associated with low birth weight of the baby; this risk can be reduced by administering a lower dose of the medicine.

Cataracts have been observed in infants born to mothers treated with long-term corticosteroids during pregnancy.

Depo-Medrone with Lidocaine contains benzyl alcohol (see section 2 Depo-Medrone with Lidocaine contains benzyl alcohol and sodium).

If you are breast-feeding, ask your doctor or pharmacist for advice before taking this medicine, since lidocaine as well as small amounts of corticosteroid medicines are excreted into breast milk.

If you continue breast-feeding while you are having treatment, your baby will need extra checks to make sure he or she is not being affected by your medicine.

Depo-Medrone with Lidocaine contains benzyl alcohol (see section 2 Depo-Medrone with Lidocaine contains benzyl alcohol and sodium).

Driving and using machines

Undesirable effects, such as dizziness, vertigo, visual disturbances, coordination, and fatigue are possible after treatment with corticosteroids. If you are affected do not drive or operate machinery.

Depo-Medrone with Lidocaine contains benzyl alcohol and sodium. Depo-Medrone with Lidocaine contains 8.7 mg and 17.4 mg of benzyl alcohol in each 1 ml and 2 ml of solution respectively, which is equivalent to 8.7 mg/ml of benzyl alcohol. Benzyl alcohol may cause allergic reactions. Benzyl alcohol has been linked with the risk of severe side effects including breathing problems (called "gasping syndrome") in young children. Do not use medicines containing benzyl alcohol in newborn babies (up to 4 weeks old), and do not use these medicines for more than a week in young children (less than 3 years old), unless advised by the doctor. Ask your doctor or pharmacist for advice if you have a liver or kidney disease, or if you are pregnant or breast-feeding. This is because large amounts of benzyl alcohol can build-up in your body and may cause side effects such as an increased amount of acid in your blood (called "metabolic acidosis").

Depo-Medrone with Lidocaine contains less than 1 mmol sodium (23 mg) in each vial, that is to say essentially ‘sodium-free’.

3 How to use Depo-Medrone with Lidocaine

Steroid Cards

Remember to always carry a Steroid Treatment Card. Make sure your doctor or pharmacist has filled out the details of your medicine, including the dose and how long you will require steroid treatment.

You should show your steroid card to **anyone** who gives you treatment (such as a doctor, nurse or dentist) while you are taking this medicine, and for 3 months after your last injection.

If you are admitted to hospital for any reason always tell your doctor or nurse that you are taking this medicine. You can also wear a medic-alert bracelet or pendant to let medical staff know that you are taking a steroid if you have an accident or become unconscious.

Dosage information

Your doctor will decide on the site of injection, how much of the medicine and how many injections you will receive depending on the condition being treated and its severity. Your doctor will inject you with the lowest dose for the shortest possible time to get effective relief of your symptoms.

Adults

Your doctor/nurse will tell you how many injections you will require for the condition you are being treated for, and when you will get them.

Joints - the normal dose for the injections into joint will depend on the size of the joint. Large joints (e.g. knee, ankle and shoulder) may require 20 - 80 mg (0.5 – 2 ml), medium sized joints (e.g. elbow or wrist) 10 - 40 mg (0.25 – 1 ml) and small joints (e.g. finger or toe joints) may require a 4 - 10 mg (0.1 - 0.25 ml) dose. Joint injections may be given weekly over a period of several weeks, depending on how quickly you respond to treatment.

Bursitis, epicondylitis (tennis elbow) and tendonitis – the usual dose is between 4-30 mg (0.1 - 0.75 ml). In most cases repeat injections will not be needed for bursitis and epicondylitis. Repeat injections may be necessary to treat long standing tendonitis.

Elderly

Treatment will normally be the same as for younger adults. However your doctor may want to see you more regularly to check how you are getting on with this medicine.

Use in children

Corticosteroids can affect growth in children so your doctor will prescribe the lowest dose that will be effective for your child.

If you are given more Depo-Medrone with Lidocaine than you should
If you think you have been given too many injections of this medicine please speak to your doctor immediately.

If you have received too much of this medicine you may have symptoms such as unusual sensation around the mouth, numbness of the tongue, light-headedness, hearing or visual disturbances, muscle spasms, muscle twitching, seizures, loss of consciousness, difficulty in breathing, low blood pressure, irregular heartbeat or heart attack.

Stopping/reducing the dose of your Depo-Medrone with Lidocaine
Your doctor will decide when it is time to stop your treatment. You will need to come off this treatment slowly if you:

- have been given more than 6 mg (0.15 ml) Depo-Medrone with Lidocaine for more than 3 weeks;
- have been given high doses of Depo-Medrone with Lidocaine, over 32 mg (0.8 ml) daily, even if it was only for 3 weeks or less;
- have already had a course of corticosteroid tablets or injections in the last year;
- already have problems with your adrenal glands (adrenocortical insufficiency) before you started this treatment.

You will need to come off this medicine slowly to avoid **withdrawal symptoms**. These symptoms may include itchy skin, fever, muscle and joint pains, runny nose, sticky eyes, sweating and weight loss.

If your symptoms seem to return or get worse as your dose of this medicine is reduced tell your doctor immediately.

Mental problems while taking Depo-Medrone with Lidocaine
Mental health problems can happen while taking steroids like Depo-Medrone with Lidocaine (see also section 4, **Possible Side Effects**).

- These illnesses can be serious.
- Usually they start within a few days or weeks of starting the medicine.
- They are more likely to happen at high doses.
- Most of these problems go away if the dose is lowered or the medicine is stopped. However if the problems do happen they might need treatment.

Talk to a doctor if you (or someone using this medicine) show any signs of mental problems. This is particularly important if you are depressed, or might be thinking about suicide. In a few cases mental problems have happened when doses are being lowered or stopped.

If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

4 Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them. Your doctor will have given you this medicine for a condition which if not treated properly could become serious.

In certain medical conditions medicines like Depo-Medrone with Lidocaine (steroids) should not be stopped abruptly. If you suffer from any of the following symptoms seek IMMEDIATE medical attention. Your doctor will then decide whether you should continue taking your medicine:

- Allergic reactions**, such as skin rash, swelling of the face or wheezing and difficulty breathing or dizziness. This type of side effect is rare, but can be serious.
- Pancreatitis**, stomach pain which may spread through to your back, possibly accompanied by vomiting, shock and loss of consciousness.
- Burst or bleeding ulcers**, symptoms of which are severe stomach pain which may go through to the back and could be associated with bleeding from the back passage, black or bloodstained stools and/or vomiting blood.
- Infections**. This medicine can hide or change the signs and symptoms of some infections, or reduce your resistance to the infection, so that they are hard to diagnose at an early stage. Symptoms might include a raised temperature and feeling unwell. Symptoms of a flare up of a previous TB infection could be coughing blood or pain in the chest. This medicine may also make you more likely to develop a severe infection.
- Peritonitis**, an inflammation (irritation) of the peritoneum, the thin tissue that lines the inner wall of the abdomen and covers most of the abdominal organs. Symptoms are, the stomach (abdomen) being very painful or tender, the pain may become worse when the stomach is touched or when you move.
- Pulmonary embolus** (blood clot in the lung) symptoms include sudden sharp chest pain, breathlessness and coughing up blood.
- Raised pressure within the skull** of children (pseudotumour cerebri) symptoms of which are headaches with vomiting, lack of energy and drowsiness. This side effect usually occurs after treatment is stopped.
- Thrombophlebitis** (blood clots or thrombosis in a leg vein), symptoms of which include painful swollen, red and tender veins.

If you experience any of the following side effects, or notice any other unusual effects not mentioned in this leaflet, tell your doctor immediately.

The side effects may occur with certain frequencies, which are defined as follows:

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

Blood, heart and circulation

- Not known*
- High blood pressure, symptoms of which are headaches, or generally feeling unwell.
- Slowing heart rate (bradycardia).
- Problems with the pumping of your heart (heart failure) symptoms of which are swollen ankles, difficulty in breathing and palpitations (awareness of heart beat) or irregular beating of the heart, irregular or very fast or slow pulse, cardiac arrest, abnormal heart rate (cardiac arrhythmias).

- Low blood pressure, symptoms may include dizziness, fainting, lightheadedness, blurred vision, a rapid or irregular heartbeat (palpitations).
- Increase of white blood cells (leukocytosis).
- Increased clotting of the blood.
- Warmth and reddening of the skin (Flushing).

Body water and salts

Not known

- Swelling and high blood pressure, caused by increased levels of water and salt content.
- Cramps and spasms, due to the loss of potassium from your body. In rare cases this can lead to congestive heart failure (when the heart cannot pump properly).

Digestive system

Not known

- Ulcers.
- Vomiting (being sick).
- Nausea (feeling sick).
- Thrush in the gullet (discomfort on swallowing).
- Indigestion.
- Diarrhoea.
- Bloated stomach.
- Abdominal pain.
- Hiccups.

Ears

Not known

- A feeling of dizziness or spinning (vertigo).

Eyes

Not known

- Glaucoma (raised pressure within the eye, causing pain in the eyes and headaches).
- Cataracts (indicated by failing eyesight).
- Swollen optic nerve (causing a condition called papilloedema, and which may cause sight disturbance).
- Increased intra-ocular pressure, with possible damage to the optic nerve (indicated by failing eyesight).
- Thinning of the clear part at the front of the eye (cornea) or of the white part of the eye (sclera).
- Worsening of viral or fungal eye infections.
- Protruding of the eyeballs (exophthalmos).
- Blindness, blurred or double vision.
- Blurred or distorted vision (due to disease of the retina and choroid membrane).

Hepatobiliary disorders

Not known

- Methylprednisolone can damage your liver, hepatitis and increase of liver enzymes have been reported.

General disorders

Not known

- Poor wound healing.
- Irritability.
- Feeling tired or unwell.
- Skin reactions at the site of injection.

Hormones and metabolic system

Not known

- Slowing of normal growth in infants, children and adolescents which may be permanent.
- Round or moon-shaped face (Cushingoid facies).
- Reduced secretion of hormones by the pituitary gland (a gland at the base of the brain).
- Diabetes or worsening of existing diabetes.
- Irregular or no periods in women.
- Increased appetite and weight gain.
- Abnormal localized or tumour-like accumulations of fat in the tissues.
- Prolonged therapy can lead to lower levels of some hormones which in turn can cause low blood pressure and dizziness. This effect may persist for months.
- The amount of certain chemicals (enzymes) called alanine transaminase, aspartate transaminase and alkaline phosphatase that help the body digest drugs and other substances in your body may be raised after treatment with a corticosteroid. The change is usually small and the enzyme levels return to normal after your medicine has cleared naturally from your system. You will not notice any symptoms if this happens, but it will show up if you have a blood test.

Immune system

Not known

- Increased susceptibility to infections which can hide or change normal reactions to skin tests, such as that for tuberculosis.

Metabolism and nutrition disorders

Not known

- Accumulation of fat tissue on localized parts of the body.

Muscles, bones and joints

Not known

- Broken bones or fractures.
- Muscle wasting.
- Breakdown of bone due to poor circulation of blood, this causes pain in the hip.
- Joint pain.
- Torn muscle tendons causing pain and/or swelling.
- Muscle cramps or spasms.
- Swollen or painful joints due to infection.
- Muscle weakness or pain which in some cases can be associated with abnormal breakdown of muscle tissue (rhabdomyolysis).
- Change in urine colour to red-brown (rhabdomyolysis).
- Muscle twitching.
- Brittle bones (bones that break easily).
- Post injection pain flare (a temporary increase in pain at the injection site).

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FOR FURTHER INFORMATION PLEASE REFER TO THE SUMMARY OF PRODUCT CHARACTERISTICS.

Posology and method of administration

Depo-Medrol with Lidocaine should not be mixed with any other preparation as flocculation of the product may occur. Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration whenever suspension and container permit. Depo-Medrol with Lidocaine may be used by any of the following routes: intra-articular, periarticular, intrabursal, and into the tendon sheath. It **must not** be used by the intrathecal, or intravenous routes.

Adults

Intra-articular: Rheumatoid arthritis, osteo-arthritis. The dose of Depo-Medrol with Lidocaine depends on the size of the joint and the severity of the condition. Repeated injections, if needed, may be given at intervals of one to five or more weeks depending upon the degree of relief obtained from the initial injection. A suggested dosage guide is: large joint (knee, ankle, shoulder), 0.5 - 2 ml (20 - 80 mg of steroid); medium joint (elbow, wrist), 0.25 - 1 ml (10 - 40 mg of steroid); small joint (metacarpophalangeal, interphalangeal, sternoclavicular, acromioclavicular), 0.1 - 0.25 ml (4 - 10 mg of steroid).

Periarticular: Epicondylitis. Infiltrate 0.1 - 0.75 ml (4 - 30 mg of steroid) into the affected area.

Intrabursal: Subdeltoid bursitis, prepatellar bursitis, olecranon bursitis. For administration directly into bursae, 0.1 - 0.75 ml (4 - 30 mg of steroid). In most acute cases, repeat injections are not needed.

Into the tendon sheath: Tendinitis, tenosynovitis, epicondylitis. For administration directly into the tendon sheath, 0.1 - 0.75 ml (4 - 30 mg of steroid). In recurrent or chronic conditions, repeat injections may be necessary.

Paediatric population

For infants and children, the recommended dosage should be reduced, but dosage should be governed by the severity of the condition rather than by strict adherence to the ratio indicated by age or body weight.

Elderly

When used according to instructions, there is no information to suggest that a change in dosage is warranted in the elderly. However, treatment of elderly patients, particularly if long-term, should be planned bearing in mind the more serious consequences of the common side-effects of corticosteroids in old age and close clinical supervision is required.

Special precautions should be observed when administering Depo-Medrol with Lidocaine:

Intra-articular injections should be made using precise, anatomical localisation into the synovial space of the joint involved. The injection site for each joint is determined by that location where the synovial cavity is most superficial and most free of large vessels and nerves. Suitable sites for intra-articular injection are the knee, ankle, wrist, elbow, shoulder, phalangeal and hip joints. The spinal joints, unstable joints and those devoid of synovial space are not suitable. Treatment failures are most frequently the result of failure to enter the joint space, however, treatment failure may also occur despite a proper injection into the synovial space as confirmed by aspiration of fluid. Intra-articular injections should be made with care as follows: ensure correct positioning of the needle into the synovial space and aspirate a few drops of joint fluid. The aspirating syringe should then be replaced by another containing Depo-Medrol with Lidocaine. To ensure position of the needle synovial fluid should be aspirated and the injection made.

After injection the joint is moved slightly to aid mixing of the synovial fluid and the suspension. Subsequent to therapy care should be taken for the patient not to overuse the joint in which benefit has been obtained. Negligence in this matter may permit an increase in joint deterioration that will more than offset the beneficial effects of the steroid.

Intrabursal injections should be made as follows: the area around the injection site is prepared in a sterile way and local anaesthesia is administered as necessary. A 20 to 24 gauge needle attached to a dry syringe is inserted into the bursa and the fluid aspirated. The needle is left in place and the aspirating syringe changed for a small syringe containing the desired dose. After injection, the needle is withdrawn and a small dressing applied. In the treatment of tenosynovitis and tendinitis, care should be taken to inject Depo-Medrol with Lidocaine into the tendon sheath rather than into the substance of the tendon. Due to the absence of a true tendon sheath, the Achilles tendon should not be injected with Depo-Medrol with Lidocaine.

The usual sterile precautions should be observed with each injection.

Incompatibilities

In the absence of compatibility studies, this medicinal product must not be mixed with other medicinal products.

Special precautions for storage

Do not store above 25°C. Do not freeze.

Special precautions for disposal and other handling

No special requirements for disposal. Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

Nerves and mood issues

Not known

Steroids including methylprednisolone can cause serious mental health problems.

- These are common in both adults and children. They can affect about 5 in every 100 people taking medicines like methylprednisolone.
- Feeling depressed, including thinking about suicide.
- Feeling high (mania) or moods that go up and down.
- Feeling anxious, having problems sleeping, difficulty in thinking or being confused and losing your memory.
- Feeling, seeing or hearing things which do not exist. Having strange and frightening thoughts, changing how you act or having feelings of being alone.
- Other nervous system side effects may include convulsions (seizures), amnesia (loss of memory), cognitive disorder (mental changes), tremor, dizziness and headache, drowsiness, difficulty breathing, sensation of cold, heat or numbness, tinnitus or unconsciousness.
- Back pain or weakness (due to Epidural Lipomatosis, a rare disorder in which an abnormal amount of fat is deposited on or outside the lining of the spine).

Skin

Not known

- Acne.
- Bruising.
- Abscess, especially near injection sites.
- Thinning of skin, stretch marks.
- Small purple/red patches on the skin.
- Pale or darker patches on your skin, or raised patches which are an unusual colour.
- Increased hair on the body and face (hirsutism).
- Rash, skin redness, itching, hives.
- Increased sweating.
- Face swelling (face oedema).

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.

<p>5</p> <p>How to store Depo-Medrol with Lidocaine</p> <p>Keep out of the sight and reach of children.</p> <p>Do not use this medicine after the expiry date shown on the carton label or vial label. The expiry date refers to the last day of that month. Do not store above 25°C. Protect from freezing.</p> <p>If your medicine becomes discoloured or shows any other signs of deterioration, consult your pharmacist (chemist) who will tell you what to do. 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 to protect the environment.</p>

6 Contents of the pack and other information

What Depo-Medrol with Lidocaine contains

Each 1ml vial contains 40mg methylprednisolone acetate and 10mg Lidocaine hydrochloride. Each vial also contains sodium chloride, myristyl-gamma-picolinium chloride, benzyl alcohol as 8.7mg per ml, macrogol, sodium hydroxide, hydrochloric acid and water for injections.

What Depo-Medrol with Lidocaine looks like

Depo-Medrol with Lidocaine is a white, sterile aqueous suspension for injection. Depo-Medrol with Lidocaine is available in cartons of 1 x 1ml vial or 3 x 1ml vials.

Manufacturer and Licence Holder

Depo-Medrol is manufactured by Pfizer Manufacturing Belgium NV., Rijksweg 12, B-2870, Puurs, Belgium and is procured from within the EU and repackaged by the Product Licence Holder: Lexon (UK) Limited, Unit 18, Oxleasow Road, East Moons Moat, Redditch, Worcestershire, B98 0RE.

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Depo-Medrol is a registered trademark of Pharmacia Limited.

Leaflet revision date: 25/03/25

For any information about this medicine, please contact the Product Licence Holder: Lexon (UK) Limited, Tel: 01527 505414.

Blind or partially sighted? Is this leaflet hard to see or read? Phone Lexon (UK) Limited, Tel: 01527 505414 to obtain the leaflet in a format suitable for you

Depo-Medrol® with Lidocaine (methylprednisolone acetate and lidocaine hydrochloride) Patient Information Leaflet

Your medicine is called Depo-Medrol with Lidocaine and will be referred to as Depo-Medrol with Lidocaine throughout this leaflet.

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, pharmacist or nurse.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet

- What Depo-Medrol with Lidocaine is and what it is used for
- What you need to know before you use Depo-Medrol with Lidocaine
- How to use Depo-Medrol with Lidocaine
- Possible side effects
- How to store Depo-Medrol with Lidocaine
- Contents of the pack and other information

<p>1</p> <p>What Depo-Medrol with Lidocaine is and what it is used for</p>
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Depo-Medrol with Lidocaine contains methylprednisolone acetate and lidocaine hydrochloride monohydrate.

Methylprednisolone belongs to a group of medicines called corticosteroids or steroids. Corticosteroids are produced naturally in your body and are important for many body functions. When injected into the body, such as in or near a joint, corticosteroids help reduce symptoms caused by inflammatory or rheumatic conditions.

This medicine also contains lidocaine which is a local anaesthetic. Lidocaine helps to reduce any local pain caused by injecting this medicine.

This medicine will be injected by a doctor or nurse to help treat the symptoms caused by the following conditions:

- Bursitis:** inflammation in the fluid containing spaces around the shoulder, knee and/or elbow joints. For this condition this medicine will be injected directly into one or more of these spaces.
- Osteoarthritis and rheumatoid arthritis:** inflammation located in between the joints. For these conditions this medicine will be injected directly into one or more joint spaces.
- Epicondylitis, tendonitis and tenosynovitis:** Tennis elbow (epicondylitis), inflammation in a tendon (tendonitis), or a tendon’s covering sheath (tenosynovitis). For these conditions this medicine will be injected into the tendon or its tendon sheath.

Your doctor may talk to this medicine to treat conditions other than those listed above. You must talk to your doctor, if you do not feel better or if you feel worse.

<p>2</p> <p>What you need to know before you use Depo-Medrol with Lidocaine</p>

Do not use Depo-Medrol with Lidocaine:

- If you think you have ever suffered an **allergic reaction**, or any other type of reaction after being given Depo-Medrol with Lidocaine, or any other medicine containing a corticosteroid or local anaesthetic or any of the other ingredients of this medicine (listed in section 6). An allergic reaction may cause a skin rash or reddening, swollen face or lips or shortness of breath.
- If you get a **rash**, or another symptom of an infection.
- If you have recently had, or are about to have any **vaccination**.
- In premature babies or neonates.

See your doctor immediately if any of the above applies to you.

Contact your doctor immediately, if you experience any muscle pain, muscle weakness, and /or red-brown change in the colour of your urine as this might be a sign of rhabdomyolysis which is a severe condition involving breakdown of your muscles.

Do not inject this medicine:

- into the **Achilles tendon** (which is located behind the ankle joint)
- directly into a **vein (intravenous)**, a **muscle (intramuscular)**, the spinal cord (intrathecal), into the nostrils (intranasal), in the eye (intraocular).

Warnings and precautions

Talk to your doctor or nurse before taking Depo-Medrol with Lidocaine if you have any of the following conditions.

Your doctor may also have to monitor your treatment more closely, alter your dose or give you another medicine.

- Acute adrenal insufficiency** (when your body cannot produce enough corticosteroid due to problems with your adrenal glands).
- Acute pancreatitis** (inflammation of the pancreas).
- Chickenpox, measles, shingles** or a **herpes** eye infection. If you think you have been in contact with someone with chickenpox, measles or shingles and you have not already had these illnesses, or if you are unsure if you have had them.
- Severe **depression** or **manic depression** (bipolar disorder). This includes having had depression before while taking steroid medicines like Depo-Medrol with Lidocaine, or having a family history of these illnesses.

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- Cushing’s disease** (condition caused by an excess of cortisol hormone in your body).
- Diabetes** (or if there is a family history of diabetes).
- Epilepsy, fits or seizures.**
- Glaucoma** (increased pressure in the eye) or if there is a family history of glaucoma.
- Contact your doctor if you experience **blurred vision or other visual disturbances**.
- You have recently suffered a **heart attack**.
- Heart problems**, including heart failure or infections.
- Hypertension** (high blood pressure).
- Hypotension (low blood pressure)**.
- Hypothyroidism** (an under-active thyroid).
- Joint infection** – which is active and so requires treatment.
- Kidney or liver** disease.
- Scleroderma** (also known as systemic sclerosis, an autoimmune disorder), because the risk of a serious complication called scleroderma renal crisis may be increased. Signs of scleroderma renal crisis include increased blood pressure and decreased urine production.
- Muscle problems** (pain or weakness) have happened while taking steroid medicines in the past.
- Myasthenia gravis** (a condition causing tired and weak muscles).
- If you have recently had an **operation**.
- Osteoporosis** (brittle bones).
- Peritonitis** (Inflammation of the thin lining (peritoneum) around the gut and stomach).
- Pheochromocytoma** (a rare tumour of adrenal gland tissue. The adrenal glands are located above the kidneys).
- Skin abscess** or other disorders of the skin.
- Stomach ulcer** or other serious stomach or intestinal problems (ulcerative colitis).
- Unusual **stress**.
- Thrombophlebitis** - vein problems due to thrombosis (clots in the veins) resulting in phlebitis (red, swollen and tender veins).
- Tuberculosis** (TB) or if you have suffered tuberculosis in the past.
- Traumatic brain injury**

You **must** tell your doctor before you take this medicine if you have any of the conditions listed above.

Depo-Medrol with Lidocaine treatment may increase your risk of infection, may mask some signs of infections, make current infections worse, or cause old, hidden infections to come back or get worse. New infections may also appear during Depo-Medrol with Lidocaine use. Different infections may therefore occur more easily during the treatment. Please report any signs or symptoms of infection to your doctor or nurse. Your doctor will monitor you closely, for the development of infection and consider stopping treatment or reducing the dose as needed.

Other medicines and Depo-Medrol with Lidocaine

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

You should tell your doctor if you are taking any of the following medicines which can affect the way Depo-Medrol with Lidocaine or the other medicine works:

- Acetazolamide** - used to treat glaucoma and epilepsy.
- Aminoglutethimide** and **cyclophosphamide**– used for treating cancer.
- Anaesthetics, local** (medicines used for pain relief in a specific area) – toxic effects are enhanced.
- Antiarrhythmics** (class Ib- medicines used to control abnormal heart rate) – increased risk of toxicity.
- Antibacterials** (such as isoniazid, erythromycin, clarithromycin and troleandomycin).
- Antivirals** (such as ritonavir, indinavir) and **pharmacokinetic enhancers** (such as cobicistat) used to treat HIV infections.
- Oral Anticoagulants** of the vitamin K antagonists class – used to prevent blood clotting such as acenocoumarol, phenindione, fludionide and warfarin.
- Anticholinesterases** - used to treat myasthenia gravis (a muscle condition) such as distigmine and neostigmine.
- Antidiabetics** – medicines used to treat high blood sugar.
- Antiemetics** (such as aprepitant and fosaprepitant).
- Aspirin** and non-steroidal anti-inflammatory medicines (also called **NSAIDs**) such as ibuprofen used to treat mild to moderate pain.
- Barbiturates, carbamazepine, phenytoin and primidone** – used to treat epilepsy.
- Carbenoxolone** - used for heartburn and acid indigestion.
- Ciclosporin** - used to treat conditions such as severe rheumatoid arthritis, severe psoriasis or following an organ or bone marrow transplant.
- Digoxin** - used for heart failure and/or an irregular heartbeat.
- Diltiazem** – used for heart problems or high blood pressure.
- Ethinylestradiol and norethindrone** – oral contraceptives.
- Indinavir and ritonavir** – used to treat HIV infections.
- Ketoconazole or itraconazole** – used to treat fungal infections.
- Pancuronium and vecuronium** – or other medicines called neuromuscular blocking agents which are used in some surgical procedures.
- Potassium depleting agents – such as **diuretics** (sometimes called water tablets), **amphotericin B, xanthenes or beta2 agonists** (e.g. medicines used to treat asthma).
- Rifampicin and rifabutin** – antibiotics used to treat tuberculosis (TB).
- Tacrolimus** – used following an organ transplant to prevent rejection of the organ.
- Vaccines** - tell your doctor or nurse if you have recently had, or are about to have any vaccination. You **must not** have ‘live’ vaccines while using this medicine. Other vaccines may be less effective.

If you are taking long term medication(s)

If you are being treated for diabetes, high blood pressure or water retention (oedema) tell your doctor as he/she may need to adjust the dose of the medicines used to treat these conditions.

Before you have any operation, tell your doctor, dentist or anaesthetist that you are taking this medicine.

If you require a test to be carried out by your doctor or in hospital it is important that you tell the doctor or nurse that you are taking Depo-Medrol with Lidocaine. This medicine can affect the results of some tests.

Depo-Medrol with Lidocaine with drink

Do not drink grapefruit juice while taking this medicine.

Pregnancy and breast-feeding

If you are pregnant, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine, as this medicine could slow the baby's growth. There is a risk associated with low birth weight of the baby; this risk can be reduced by administering a lower dose of the medicine.

Cataracts have been observed in infants born to mothers treated with long-term corticosteroids during pregnancy.

Depo-Medrol with Lidocaine contains benzyl alcohol (see section 2 Depo-Medrol with Lidocaine contains benzyl alcohol and sodium).

If you are breast-feeding, ask your doctor or pharmacist for advice before taking this medicine, since lidocaine as well as small amounts of corticosteroid medicines are excreted into breast milk.

If you continue breast-feeding while you are having treatment, your baby will need extra checks to make sure he or she is not being affected by your medicine.

Depo-Medrol with Lidocaine contains benzyl alcohol (see section 2 Depo-Medrol with Lidocaine contains benzyl alcohol and sodium).

Driving and using machines

Undesirable effects, such as dizziness, vertigo, visual disturbances, coordination, and fatigue are possible after treatment with corticosteroids. If you are affected do not drive or operate machinery.

Depo-Medrol with Lidocaine contains benzyl alcohol and sodium. Depo-Medrone with Lidocaine contains 8.7 mg and 17.4 mg of benzyl alcohol in each 1 ml and 2 ml of solution respectively, which is equivalent to 8.7 mg/ml of benzyl alcohol. Benzyl alcohol may cause allergic reactions. Benzyl alcohol has been linked with the risk of severe side effects including breathing problems (called "gasping syndrome") in young children. Do not use medicines containing benzyl alcohol in newborn babies (up to 4 weeks old), and do not use these medicines for more than a week in young children (less than 3 years old), unless advised by the doctor. Ask your doctor or pharmacist for advice if you have a liver or kidney disease, or if you are pregnant or breast-feeding. This is because large amounts of benzyl alcohol can build-up in your body and may cause side effects such as an increased amount of acid in your blood (called "metabolic acidosis").

Depo-Medrol with Lidocaine contains less than 1 mmol sodium (23 mg) in each vial, that is to say essentially 'sodium-free'.

Ⓢ How to use Depo-Medrol with Lidocaine

Steroid Cards
Remember to always carry a Steroid Treatment Card. Make sure your doctor or pharmacist has filled out the details of your medicine, including the dose and how long you will require steroid treatment.

You should show your steroid card to **anyone** who gives you treatment (such as a doctor, nurse or dentist) while you are taking this medicine, and for 3 months after your last injection.

If you are admitted to hospital for any reason always tell your doctor or nurse that you are taking this medicine. You can also wear a medic-alert bracelet or pendant to let medical staff know that you are taking a steroid if you have an accident or become unconscious.

Dosage information
Your doctor will decide on the site of injection, how much of the medicine and how many injections you will receive depending on the condition being treated and its severity. Your doctor will inject you with the lowest dose for the shortest possible time to get effective relief of your symptoms.

Adults
Your doctor/nurse will tell you how many injections you will require for the condition you are being treated for, and when you will get them.

Joints - the normal dose for the injections into joint will depend on the size of the joint. Large joints (e.g. knee, ankle and shoulder) may require 20 - 80 mg (0.5 – 2 ml), medium sized joints (e.g. elbow or wrist) 10 - 40 mg (0.25 – 1 ml) and small joints (e.g. finger or toe joints) may require a 4 - 10 mg (0.1 - 0.25 ml) dose.

Joint injections may be given weekly over a period of several weeks, depending on how quickly you respond to treatment.

Bursitis, epicondylitis (tennis elbow) and tendonitis – the usual dose is between 4-30 mg (0.1 - 0.75 ml). In most cases repeat injections will not be needed for bursitis and epicondylitis. Repeat injections may be necessary to treat long standing tendonitis.

Elderly
Treatment will normally be the same as for younger adults. However your doctor may want to see you more regularly to check how you are getting on with this medicine.

Use in children

Corticosteroids can affect growth in children so your doctor will prescribe the lowest dose that will be effective for your child.

If you are given more Depo-Medrol with Lidocaine than you should
If you think you have been given too many injections of this medicine please speak to your doctor immediately.

If you have received too much of this medicine you may have symptoms such as unusual sensation around the mouth, numbness of the tongue, light-headedness, hearing or visual disturbances, muscle spasms, muscle twitching, seizures, loss of consciousness, difficulty in breathing, low blood pressure, irregular heartbeat or heart attack.

Stopping/reducing the dose of your Depo-Medrol with Lidocaine
Your doctor will decide when it is time to stop your treatment. You will need to come off this treatment slowly if you:

- have been given more than 6 mg (0.15 ml) Depo-Medrol with Lidocaine for more than 3 weeks;
- have been given high doses of Depo-Medrol with Lidocaine, over 32 mg (0.8 ml) daily, even if it was only for 3 weeks or less;
- have already had a course of corticosteroid tablets or injections in the last year;
- already have problems with your adrenal glands (adrenocortical insufficiency) before you started this treatment.

You will need to come off this medicine slowly to avoid **withdrawal symptoms**. These symptoms may include itchy skin, fever, muscle and joint pains, runny nose, sticky eyes, sweating and weight loss.

If your symptoms seem to return or get worse as your dose of this medicine is reduced tell your doctor immediately.

Mental problems while taking Depo-Medrol with Lidocaine
Mental health problems can happen while taking steroids like Depo-Medrol with Lidocaine (see also section 4, **Possible Side Effects**).

- These illnesses can be serious.
- Usually they start within a few days or weeks of starting the medicine.
- They are more likely to happen at high doses.
- Most of these problems go away if the dose is lowered or the medicine is stopped. However if the problems do happen they might need treatment.

Talk to a doctor if you (or someone using this medicine) show any signs of mental problems. This is particularly important if you are depressed, or might be thinking about suicide. In a few cases mental problems have happened when doses are being lowered or stopped.

If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

Ⓢ Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them. Your doctor will have given you this medicine for a condition which if not treated properly could become serious.

In certain medical conditions medicines like Depo-Medrol with Lidocaine (steroids) should not be stopped abruptly. If you suffer from any of the following symptoms seek IMMEDIATE medical attention. Your doctor will then decide whether you should continue taking your medicine:

- Allergic reactions**, such as skin rash, swelling of the face or wheezing and difficulty breathing or dizziness. This type of side effect is rare, but can be serious.
- Pancreatitis**, stomach pain which may spread through to your back, possibly accompanied by vomiting, shock and loss of consciousness.
- Burst or bleeding ulcers**, symptoms of which are severe stomach pain which may go through to the back and could be associated with bleeding from the back passage, black or bloodstained stools and/or vomiting blood.
- Infections**. This medicine can hide or change the signs and symptoms of some infections, or reduce your resistance to the infection, so that they are hard to diagnose at an early stage. Symptoms might include a raised temperature and feeling unwell. Symptoms of a flare up of a previous TB infection could be coughing blood or pain in the chest. This medicine may also make you more likely to develop a severe infection.
- Peritonitis**, an inflammation (irritation) of the peritoneum, the thin tissue that lines the inner wall of the abdomen and covers most of the abdominal organs. Symptoms are, the stomach (abdomen) being very painful or tender, the pain may become worse when the stomach is touched or when you move.
- Pulmonary embolus** (blood clot in the lung) symptoms include sudden sharp chest pain, breathlessness and coughing up blood.
- Raised pressure within the skull** of children (pseudotumour cerebri) symptoms of which are headaches with vomiting, lack of energy and drowsiness. This side effect usually occurs after treatment is stopped.
- Thrombophlebitis** (blood clots or thrombosis in a leg vein), symptoms of which include painful swollen, red and tender veins.

If you experience any of the following side effects, or notice any other unusual effects not mentioned in this leaflet, tell your doctor immediately.

The side effects may occur with certain frequencies, which are defined as follows:

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

Blood, heart and circulation
Not known

- High blood pressure, symptoms of which are headaches, or generally feeling unwell.
- Slowing heart rate (bradycardia).
- Problems with the pumping of your heart (heart failure) symptoms of which are swollen ankles, difficulty in breathing and palpitations (awareness of heart beat) or irregular beating of the heart, irregular or very fast or slow pulse, cardiac arrest, abnormal heart rate (cardiac arrhythmias).

- Low blood pressure, symptoms may include dizziness, fainting, lightheadedness, blurred vision, a rapid or irregular heartbeat (palpitations).
- Increase of white blood cells (leukocytosis).
- Increased clotting of the blood.
- Warmth and reddening of the skin (Flushing).

Body water and salts

- Not known*
- Swelling and high blood pressure, caused by increased levels of water and salt content.
- Cramps and spasms, due to the loss of potassium from your body. In rare cases this can lead to congestive heart failure (when the heart cannot pump properly).

Digestive system

- Not known*
- Ulcers.
- Vomiting (being sick).
- Nausea (feeling sick).
- Thrush in the gullet (discomfort on swallowing).
- Indigestion.
- Diarrhoea.
- Bloated stomach.
- Abdominal pain.
- Hiccups.

Ears

- Not known*
- A feeling of dizziness or spinning (vertigo).

Eyes

- Not known*
- Glaucoma (raised pressure within the eye, causing pain in the eyes and headaches).
- Cataracts (indicated by failing eyesight).
- Swollen optic nerve (causing a condition called papilloedema, and which may cause sight disturbance).
- Increased intra-ocular pressure, with possible damage to the optic nerve (indicated by failing eyesight).
- Thinning of the clear part at the front of the eye (cornea) or of the white part of the eye (sclera).
- Worsening of viral or fungal eye infections.
- Protruding of the eyeballs (exophthalmos).
- Blindness, blurred or double vision.
- Blurred or distorted vision (due to disease of the retina and choroid membrane).

Hepatobiliary disorders

- Not known*
- Methylprednisolone can damage your liver, hepatitis and increase of liver enzymes have been reported.

General disorders

- Not known*
- Poor wound healing.
- Irritability.
- Feeling tired or unwell.
- Skin reactions at the site of injection.

Hormones and metabolic system

- Not known*
- Slowing of normal growth in infants, children and adolescents which may be permanent.
- Round or moon-shaped face (Cushingoid facies).
- Reduced secretion of hormones by the pituitary gland (a gland at the base of the brain).
- Diabetes or worsening of existing diabetes.
- Irregular or no periods in women.
- Increased appetite and weight gain.
- Abnormal localized or tumour-like accumulations of fat in the tissues.
- Prolonged therapy can lead to lower levels of some hormones which in turn can cause low blood pressure and dizziness. This effect may persist for months.
- The amount of certain chemicals (enzymes) called alanine transaminase, aspartate transaminase and alkaline phosphatase that help the body digest drugs and other substances in your body may be raised after treatment with a corticosteroid. The change is usually small and the enzyme levels return to normal after your medicine has cleared naturally from your system. You will not notice any symptoms if this happens, but it will show up if you have a blood test.

Immune system

- Not known*
- Increased susceptibility to infections which can hide or change normal reactions to skin tests, such as that for tuberculosis.

Metabolism and nutrition disorders

- Not known*
- Accumulation of fat tissue on localized parts of the body.

Muscles, bones and joints

- Not known*
- Broken bones or fractures.
- Muscle wasting.
- Breakdown of bone due to poor circulation of blood, this causes pain in the hip.
- Joint pain.
- Torn muscle tendons causing pain and/or swelling.
- Muscle cramps or spasms.
- Swollen or painful joints due to infection.
- Muscle weakness or pain which in some cases can be associated with abnormal breakdown of muscle tissue (rhabdomyolysis).
- Change in urine colour to red-brown (rhabdomyolysis).
- Muscle twitching.
- Brittle bones (bones that break easily).
- Post injection pain flare (a temporary increase in pain at the injection site).