

# DBL™ Doxorubicin Hydrochloride Injection

## (Dox-oh-roo-bi-sin)

---

### Consumer Medicine Information

---

#### What is in this leaflet

---

This leaflet answers some common questions about DBL™ Doxorubicin Hydrochloride Injection (doxorubicin).

It does not contain all the available information.

It does not take the place of talking to your doctor or pharmacist

All medicines have risks and benefits. Your doctor or pharmacist has weighed the risks of you taking doxorubicin injection against the benefits they expect it will have for you.

**If you have any concerns about taking this medicine, ask your doctor or pharmacist.**

**Keep this leaflet with the medicine.**

You may need to read it again.

---

#### What DBL™ Doxorubicin Hydrochloride Injection is used for

---

Doxorubicin is used to treat certain cancers.

This medicine belongs to a group of medicines called antineoplastic or cytotoxic medicines. You may also hear of these being called chemotherapy medicines.

Doxorubicin is thought to work by killing cancer cells, and stopping

cancer cells from growing and multiplying.

Your doctor may have prescribed DBL™ Doxorubicin Hydrochloride Injection for another reason. Ask your doctor if you have any questions about why doxorubicin injection has been prescribed for you.

Doxorubicin is not addictive.

This medicine is available only with a doctor's prescription.

---

#### Before you are given DBL™ Doxorubicin Hydrochloride Injection

---

*When you must not be given it*

**You must not be given doxorubicin if you have an allergy to doxorubicin or any of the ingredients listed at the end of this leaflet**

Symptoms of an allergic reaction to DBL™ Doxorubicin Hydrochloride Injection may include:

- shortness of breath, wheezing or difficulty breathing
- swelling of the face, lips, tongue or other parts of the body
- rash, itching or hives on the skin.

**You must not be given doxorubicin if you have any of the following:**

- **very low white blood cell counts.**

- **a very inflamed and sore mouth.**
- **an infection.**
- **heart problems.**

**You must not be given doxorubicin if you have already received the full long-term dose of doxorubicin, or other anthracyclines such as daunorubicin or epirubicin.**

**You must not be given doxorubicin if you are pregnant or intend to become pregnant.**

Doxorubicin may affect your developing baby if you are given it during pregnancy.

It is recommended that you and your doctor discuss the need for doxorubicin treatment during pregnancy, and the possible risks and benefits of using doxorubicin during pregnancy.

Doxorubicin may cause birth defects if either the male or the female is undergoing treatment at the time of conception, or if the female is receiving doxorubicin during early pregnancy. It is best to use some kind of birth control while you are receiving doxorubicin, and for at least 12 weeks after you stop receiving it. Your doctor will discuss this with you.

Many cancer medicines can cause infertility. Your doctor should discuss this issue with you before you begin therapy with doxorubicin.

**You should not be given doxorubicin if you are breast-feeding or plan to breast-feed.**

Doxorubicin passes into breast milk. As doxorubicin may cause serious side effects in a breast-fed baby, breast-feeding is not recommended while you are receiving it.

**If you are not sure whether you should be given doxorubicin, talk to your doctor or pharmacist.**

---

**Before you are given it**

**Tell your doctor or pharmacist if you have allergies to:**

- any other medicines
- any other substances, such as foods, preservatives or dyes.

**Tell your doctor or pharmacist if you have or have had any medical conditions, especially the following:**

- heart problems
- liver problems
- a condition of the blood with a reduced number of red or white blood cells or platelets
- lowered immunity due to treatment with medicines such as corticosteroids, cyclosporin or other medicines used to treat cancer including radiation therapy
- lowered immunity due to diseases including HIV/AIDS.

**Tell your doctor if you have an infection or high temperature.**

Your doctor may decide to delay your treatment until the infection has gone. A mild illness, such as a cold, is not usually a reason to delay treatment.

**Do not use doxorubicin if you have already received the full, long-term dose of doxorubicin or another anthracycline medicine.**

**If you have not told your doctor or pharmacist about any of the above, tell them before you are given doxorubicin.**

*Taking other medicines*

**Tell your doctor or pharmacist if you are taking any other medicines, including any that you buy without a prescription from your pharmacy, supermarket or health food shop.**

Some medicines and doxorubicin may interfere with each other.

These include:

- other medicines used to treat cancer, radiation therapy, or any other treatment which lowers your immune system
- some medicines used to treat high blood pressure and angina (eg. propranolol, calcium channel blockers)
- medicines for gout (eg. allopurinol, colchicine, probenecid)
- medicines used for epilepsy (phenobarbitone or phenytoin)
- some medicines used to treat infections (eg. clindamycin, lincamycin)
- vaccines (ask your doctor).

These medicines may be affected by doxorubicin, or may affect how well it works. You may need different amounts of your medicine, or you may need to take different medicines. Your doctor or pharmacist will advise you.

Your doctor and pharmacist may have more information on medicines to be careful with or avoid while you are being given doxorubicin.

**You should not be given any vaccinations (immunisations) without your doctor's approval while you are being treated with doxorubicin, and for up to 12 months after you stop treatment with it.**

Doxorubicin may lower your body's resistance to infection and there is a chance that you may get the infection the immunisation is meant to prevent.

In addition, other people living in your household should not take oral polio vaccine (sabin) since there is a

chance they could pass the polio virus on to you.

---

**How DBL™ Doxorubicin Hydrochloride Injection is given**

---

*How much is given*

Your doctor will decide what dose will receive. This depends on your condition and other factors, such as your weight and other chemotherapy medicines you are being given.

Ask your doctor if you want to know more about the dose of doxorubicin you receive.

*How it is given*

Doxorubicin is usually given as a slow injection into a vein. It is sometimes injected through a rubber tube (called a catheter) into your bladder.

Doxorubicin may be given alone or in combination with other drugs.

Several courses of doxorubicin therapy may be needed depending on your response to treatment.

Additional treatment may not be repeated until your blood cell numbers return to acceptable levels and any unwanted effects have been controlled.

Doxorubicin Injection must only be given by a doctor or nurse.

*How long is it given*

Doxorubicin is usually given either once every 21 days, or for three consecutive days and repeated every 3 to 4 weeks.

These are called one cycle of chemotherapy. Your doctor will decide how many of these cycles you will need.

*If you are given too much (overdose)*

As doxorubicin is most likely to be given to you in hospital under the supervision of your doctor, it is very unlikely that you will receive too much. However, if you experience any side effects after being given doxorubicin, tell your doctor immediately or go to the Accident and Emergency department at your nearest hospital.

You may need urgent medical attention.

**In case of overdose, immediately contact the Poisons Information Centre for advice (telephone 13 11 26 in Australia, or call 0800 764 766 in New Zealand)**

Symptoms of a doxorubicin overdose include the side effects listed below in the 'Side Effects' section, but are usually of a more severe nature.

---

## While you are being given DBL™ Doxorubicin Hydrochloride Injection

---

### *Things you must do*

**Be sure to keep all of your doctor's appointments so your progress can be checked. Your doctor may want to check your blood pressure and do some blood and other tests from time to time to check on your progress and detect any unwanted side effects.**

**Keep follow up appointments with your doctor. It is important to have follow up cycles of doxorubicin at the appropriate times to get the best effects from your treatment.**

**Doxorubicin can temporarily lower the number of white blood cells in your blood, increasing the chance of you getting an infection. It can also lower the number of platelets, which are necessary for proper blood clotting. If this occurs, there are certain**

**precautions you can take, especially when your blood count is low, to reduce the risk of infection or bleeding:**

- If you can, avoid people with infections. Check with your doctor immediately if you think you are getting an infection, or if you get a fever or chills, cough or hoarseness, lower back or side pain, or painful or difficult urination.
- Check with your doctor immediately if you notice any unusual bleeding or bruising, black stools, blood in urine or stools or pinpoint red spots on your skin.
- Be careful when using a toothbrush, dental floss or toothpick. Your doctor or nurse may recommend other ways to clean your teeth and gums. Check with your doctor before having any dental work done.
- Do not touch your eyes or the inside of your nose unless you have just washed your hands and have not touched anything else in the meantime.
- Be careful not to cut yourself when you are using sharp objects such as a safety razor or fingernail or toenail cutters.
- Avoid contact sports or other situations where bruising or injury could occur.

**Doxorubicin and its breakdown products may be excreted in body fluids and waste, including blood, urine, faeces, vomitus and semen.**

In general, precautions to protect other people should be taken while you are receiving chemotherapy and for one week after the treatment period:

- Flush the toilet twice to dispose of any body fluids and waste.
- Wear gloves to clean any spill of body fluid or waste. Use paper towels or old rags, a strong solution of non-bleaching detergent and large amounts of water to mop up the spill.

Discard the towels or rags into a separate waste bag and dispose of fluids in the toilet.

- Wash linen or clothing that is heavily contaminated by body fluids or waste separately from other items. Use a strong solution of non-bleaching detergent and large amounts of water.
- Place soiled disposable nappies and other pads in a plastic bag, seal and dispose into the garbage.
- For sexual intercourse, use a barrier method such as a condom.

**Tell your doctor, nurse or pharmacist if you have any concerns before, during or after administration of doxorubicin.**

**Tell your doctor or nurse immediately if you feel any pain, burning or stinging at the site of injection.**

**Tell any other doctors, dentists, and pharmacists who are treating you that you are being given doxorubicin.**

**If you are about to start on any new medicine, tell your doctor, dentist or pharmacist that you are being given doxorubicin.**

**If you plan to have surgery that needs a general anaesthetic, tell your doctor or dentist that you are being given doxorubicin.**

**If you plan to be vaccinated within a year of being given doxorubicin, tell the doctor before you are vaccinated.**

**If you become pregnant while or soon after being given doxorubicin, tell your doctor or pharmacist immediately.**

### *Things to be careful of*

**Be careful to use an effective method of contraception while you are using doxorubicin.**

Your doctor will tell you when it is safe to stop using contraception.

---

## Side effects

---

**Tell your doctor or pharmacist as soon as possible if you do not feel well while you are being given doxorubicin or after the injection.**

Doxorubicin helps most people with certain cancers, but it may have unwanted side effects in a few people. All medicines can have side effects. Sometimes they are serious, most of the time they are not. You may need medical treatment if you get some of the side effects. If you are over 65 years of age you may have an increased chance of getting side effects.

**Ask your doctor or pharmacist to answer any questions you may have.**

**Tell your doctor, pharmacist or nurse if you notice any of the following and they worry you:**

- inflammation, swelling, blistering or soreness at the injection site or on the hands and feet.
- hair loss
- nausea and vomiting
- burning in the mouth, throat, vagina or rectum
- diarrhoea
- dehydration
- facial flushing
- bruising
- red coloured urine.

These are the more common side effects of doxorubicin.

**Tell your doctor or nurse as soon as possible if you notice any of the following:**

- hives or skin rash
- discolouration of nail beds and skin creases
- drowsiness
- conjunctivitis
- excessive tears
- the return of skin reactions in areas where you may have had radiation treatment previously
- poor appetite.

These may be serious side effects. You may need medical attention.

**If any of the following happen, tell your doctor or nurse immediately, or go to the Accident and Emergency department of your nearest hospital:**

- bloody or dark stools
- chills, fever or symptoms of an infection
- irregular heart beat.

These are very serious side effects. You may need urgent medical attention or hospitalisation.

**If the doxorubicin is being injected into the bladder, tell the doctor or pharmacist if you notice any of the following:**

- stomach pain
- blood in the urine
- pain on passing urine
- frequent urination

**Other side effects not listed above may occur in some patients. Tell your doctor, nurse or pharmacist if you notice anything that is making you feel unwell.**

Treatment with doxorubicin may cause changes in your blood cells which may be serious.

Doxorubicin may also affect how well your heart works. Your doctor will arrange regular blood tests and checks to detect any changes.

**Do not be alarmed by this list of possible side effects. You may not experience any of them.**

The benefits and side effects of doxorubicin may take some time to occur. Therefore, even after you have finished your doxorubicin treatment, you should tell your doctor immediately if you notice any of the side effects listed in this section.

---

## After being given DBL™ Doxorubicin Hydrochloride Injection

---

### Storage

Doxorubicin Injection will be stored in the pharmacy or on the ward. The injection is kept in a refrigerator, where the temperature stays between 2 and 8°C.

After use, any unused portion of the injection will be discarded.

---

## Product description

---

### What it looks like

DBL™ Doxorubicin Hydrochloride Injection is a clear red liquid in a vial.

### Ingredients

Active ingredient:

- doxorubicin hydrochloride

Other ingredients:

- sodium chloride
- water

DBL™ Doxorubicin Hydrochloride Injection does not contain lactose, sucrose, gluten, tartrazine or any other azo dyes.

### Sponsor

DBL™ Doxorubicin Hydrochloride Injection is supplied by:

#### Australian Sponsor:

Hospira Australia Pty Ltd  
ABN 58 097 064 330  
Level 3  
500 Collins St  
Melbourne VIC 3000  
Australia

#### New Zealand Sponsor

Hospira NZ Limited  
23 Haining Street  
Te Aro  
Wellington  
New Zealand

DBL™ Doxorubicin Hydrochloride Injection comes:

- 10 mg/5 mL vial  
AUST R 16382
- 50 mg/25 mL vial  
AUST R 47281

This leaflet was updated in:  
April 2012.