

## Oraject-D IM Injection / Oral Use 5mg/ml (Cholecalciferol)

اوراجیکٹ۔ ڈی  
5mg/ml  
(کولکیسیفرول)

### COMPOSITION:

Each 1ml ampoule contains:

Cholecalciferol .....5mg  
(Innovator's specifications).

### DESCRIPTION:

**ORAJECT-D** is a drinkable and injectable solution in 1 ml ampoule containing vitamin D3 which is fat soluble vitamin. Cholecalciferol is synthesized in the skin from 7-dehydrocholesterol under the action of ultraviolet B (UVB) light. It reaches an equilibrium after several minutes depending on the intensity of the UVB in the sunlight - determined by latitude, season, cloud cover, and altitude - and the age and degree of pigmentation of the skin. **Cholecalciferol (vitamin D<sub>3</sub>)** is one of the five forms of vitamin D. It is a secosteroid, that is, a steroid molecule with one ring open.

### INDICATIONS:

This medicinal product contains vitamin D, which is involved in bone fixation of calcium.

It is indicated in prevention and treatment of vitamin D deficiencies.

### DOSAGE:

In all cases follow your doctor's prescription.

Usual dosages are:

- **Prevention**
- **Infants receiving vitamin enriched milk:**  
1/2 ampoule (i.e. 100 000IU) every 6 months.
- **Nursed infants or infants not receiving vitamin D enriched milk or young children up to 5 years of age:**  
1 ampoule (200 000 IU) every 6 months.
- **Adolescents:**  
1/2 ampoule (200 000 IU) every 6 months during winter.
- **Pregnancy:**  
1/2 ampoule (i.e. 100 000 IU) from 6th or 7th month of pregnancy.
- **Elderly:**  
1/2 ampoule (i.e. 100 000 IU) every 3 months.  
½ or 1 ampoule every 3 or 6 months.
- **Vitamin D Deficiency**  
1 ampoule (i.e. 200 000 IU), which can be renewed once 1 to 6 months later.

### NOTE:

- This medicine has been prescribed to you personally for a particular condition;
- It cannot be adapted for another condition
- Do not recommend it to another person.
- **IF YOU ARE IN DOUBT, YOU MUST ASK YOUR DOCTOR OR YOUR PHARMACIST FOR ADVICE.**

### METHOD AND ROUTE OF ADMINISTRATION

IM route. The ampoule can also be administered by oral route.

### PRECAUTION & WARNINGS:

- This drug **MUST NOT BE USED** in the following cases:
- hypersensitivity to any of the ingredients, mainly to vitamin D
- hypercalcemia (abnormally high blood calcium levels)
- hypercalciuria (excessive urinary elimination of calcium)
- calcium lithiasis (kidney stones)

### SPECIAL WARNINGS:

In order to avoid any vitamin D over dosage, you should ask your doctor's advice in case of concomitant treatment with drugs containing this vitamin.

If high or repeated doses of vitamin D are administered or if high doses of calcium are associated, it is necessary to monitor calcium levels in blood and urines.

### PREGNANCY AND BREAST-FEEDING:

This medicinal product can be prescribed during pregnancy or lactation if necessary.

However it is preferable to consult your doctor or pharmacist before using drugs

In general, side effects from taking vitamin D3 tend to be rare.

### SIDE EFFECTS:

**Serious side effects of vitamin D3 include but are not limited to:**

- Allergic reactions like rash or itching
- Swelling of the face, throat, and tongue
- Severe dizziness
- Trouble breathing
- Changes in heart rhythm including irregular or racing heart beat

### Rare Side Effects

Although it doesn't happen very often, vitamin D can cause:

- Dry mouth
- Headache
- Vomiting
- Weakness and lack of energy
- Fatigue

### INTERACTIONS WITH OTHER MEDICINES AND OTHER INTERACTIONS:

In order to avoid possible interactions between several drugs you must always tell your doctor or pharmacist about any other treatments you are taking. You should separate vitamin D from these medications by at least 2 hours or take your vitamin D at bedtime to allow enough time to avoid interactions.

Also, be careful with drugs like:

- Digoxin
- Aluminum hydroxide
- Water pills like chlorthalidone, hydrochlorothiazide, and chlorthiazide
- Magnesium hydroxide and magnesium citrate
- Fosphenytoin

### OVERDOSE:

In the event of an overdose of vitamin D, following symptoms may occur: headache, fatigue, slimming, growth retardation, nausea, vomiting, excess of urines, intense thirst, arterial hypertension.

### INFORM YOUR DOCTOR IMMEDIATELY.

### STORAGE & INSTRUCTIONS:

Store between 15-25°C.

Protect from heat, sunlight & moisture.

Keep away from the reach of children.

**To be sold on the prescription of a registered medical practitioner only.**

### HOW SUPPLIED:

Oraject-D Injection 5mg/ml

1ml x 1 Ampoule.

1ml x 5 Ampoules.

خوراک و طریق استعمال:  
ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

پرچاریت:

دوا 150 - 25 ڈگری سینٹی گریڈ درجہ حرارت کے درمیان عطشی اور خشک جگہ پر رکھیں۔ صوبہ گری اوہی سے بچائیں۔

بچوں کی پہنچ سے دور رکھیں۔ آنکھوں کے لیے ہونے والے دھندلے اور سنہلا اس میں زیادہ احتیاط سے کی صورت میں ہرگز استعمال نہ کریں۔

صرف دہتر ڈاکٹر کے خط کے مطابق فروخت کریں۔

Manufactured by:

**PHARMASOL**

**PRIVATE LIMITED**

Plot # 549, Sundar Industrial Estate, Lahore, Pakistan.