



## **Procedure Information Sheet**

### **Introduction**

The dexamethasone intravitreal injection implant (Ozurdex®), which belongs to a class of injectable steroid, can transfer the medications into the eyeball directly. It can treat uveitis, retinal vein occlusion, and macular edema. The drugs will be slowly released within 4 to 6 months after injection to improve or stabilize vision.

Compared to oral and intravascular steroid, local injections of steroids can reduce side effects caused to the body.

You need regular follow-up and observation of the condition. You may need to receive injections again after a few months to maintain the effect of the treatment. Because some patients' eyes may have been permanently damaged by their own eye diseases, their vision may not improve, and it may continue to deteriorate.

### **Indication**

1. Uveitis
2. Retinal vein occlusion macular oedema
3. Diabetic macular oedema

### **The Operation / Procedure**

1. The procedure can be performed under local anesthesia.
2. Multiple eyedrops including pupil dilation, local anaesthesia and antibiotics are given prior to injection.
3. The intravitreal injection process is done under aseptic conditions. The drug is injected into the eyeball (vitreous body) through the white part of the eye (sclera and conjunctiva).

### **Before the Operation / Procedure**

1. Eyelids should be kept clean to decrease the risks of post-operative infection.
2. Your doctor may prescribe eye drops before the procedure. Make sure you follow the guides of its administration.
3. Cosmetics and makeup should be avoided on the day of procedure.
4. Inform your doctor if you have systemic diseases such as hypertension, stroke, heart disease, diabetes, voiding difficulty, or are taking western medications (especially blood thinners like Aspirin or Warfarin), traditional Chinese medicine or health supplements on a regular basis.

### **After the Operation / Procedure**

1. Avoid eye rubbing.
2. Avoid swimming and vigorous activities for a few weeks.
3. Avoid dirty water getting into your operated eye for the first few weeks.
4. Wear clothes with buttons and not pullovers in order to avoid the clothes coming in contact with the operated eye to prevent infection.

#### **Patient's Label**

Patient Name: \_\_\_\_\_

Hospital No: \_\_\_\_\_

Episode No: \_\_\_\_\_



## Dexamethasone Intravitreal Implant (Ozurdex®)

Dexamethasone Intravitreal Implant (Ozurdex®)

5. You are required to take the medications and attend follow up according to doctor's instruction.

### Risk and Complication

Common complications are as follows:

1. Infection, bleeding, inflammation, watery eyes
2. Eye hyperemia, ocular discomfort or pain
3. Scarring, eyelid and conjunctival swelling
4. Increase in floaters
5. Transient eye redness
6. Minor irritation
7. Increase in eye pressure or glaucoma
8. Worsening of cataract
9. Eye and surrounding structures prone to infection at the injection site

Important risks/complications are as follows:

Severe complications lead to irreversible vision loss or blindness, like

1. Retinal break or detachment
2. Inflammation or infection inside the eye
3. Crystalline lens trauma or cataract formation
4. Increase in intraocular pressure or glaucoma
5. Wound leak from the injection site
6. Bleeding inside the eye

### Disclaimer

This leaflet only provides general information pertaining to this operation / procedure. While common risks and complications are described, the list is not exhaustive, and the degree of risk could also vary between patients. Please contact your doctor for detailed information and specific enquiry.

### Reference

Hospital Authority, Patient's leaflet: Dexamethasone Intravitreal Implant (Ozurdex®) (4/2021)

#### Patient's Label

Patient Name: \_\_\_\_\_

Hospital No: \_\_\_\_\_

Episode No: \_\_\_\_\_

Patient's Signature : \_\_\_\_\_ Date : \_\_\_\_\_