

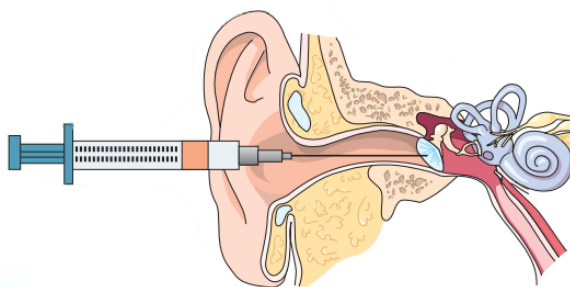


Procedure Information

Intratympanic Injection

Introduction

Intratympanic Injection is a simple procedure to inject medication (e.g. gentamicin or steroids) into the middle ear cavity. The drug is then absorbed into the inner ear via a small opening called round window. A course of injections is usually required.



Outcomes

Intratympanic Injection is used in the treatment of inner ear disorders, especially in patients with sudden sensorineural hearing loss (SSNHL) and Meniere's Disease whose response to standard treatment is inadequate.

Source:

<https://www.srft.nhs.uk/EasysiteWeb/getresource.axd?AssetID=56632&type=full&servicetype=Inline>

Procedures

1. You are arranged to recline with your head turned away from the side to be treated.
2. A small needle is passed through the eardrum under microscope.
3. The prescribed drug is injected into the middle ear cavity.
4. You are required to keep the position for 20 to 30 minutes to allow the drug to be absorbed into the inner ear cavity.

Possible Risks and Complications

1. Common side effects: transient dizziness, injection site pain, and burning sensation
2. Other possible complications
 - Perforation of the eardrum (rare, the hole is usually tiny and easily repaired)
 - Infection (rare)
 - Hearing loss (rare, increased chance with intratympanic gentamicin injection)

** The risks listed above are in general terms and the possibility of complications is not exhaustive. Please understand that even though all procedures are carried out with utmost professionalism and care, this does not rule out the possibility of complications arising.

Pre-procedure Preparations

1. The procedures and possible complications will be explained by the doctor and a consent form must be signed prior to the procedure.
2. Please inform the doctor and nurse all your past medical history, previous surgical operations, current medication and any complication with drug or anaesthesia.
3. A full hearing test may need to be performed.

Post-procedure Instructions

1. The ear drum takes about one week to heal. Before it heals,
 - keep water out of the ear, use ear plugs while hair-washing;
 - do not swimming and diving; and
 - avoid nose blowing.
2. You may feel dizziness for a few hours after the injection. Do not drive or operate machinery for the rest of the day.
3. For the patient who having gentamicin injection, it is expected to develop body imbalance a few days after the injection. It should pass after a week.
4. Any follow-up consultations should be attended as scheduled.

Should there be any enquiries or concerns, please consult the attending doctor.

Under the professional care of the doctor, you will gradually recover. We wish you all the best during your treatment and recovery.

If you have any questions after reading the entire leaflet, please write them down in the spaces provided in order for the doctor to further follow-up.

Compiled by Union Hospital Operating Theatre (OT) Governance Committee

The above information is for reference only, please enquire your physician for details
Our Hospital reserves the RIGHT to amend any information in this leaflet without prior notification