C01



# **Procedure Information Sheet**

#### Introduction

Removal of disease in middle ear structure and mastoid air cells

## Indication

- Cholesteatoma
- Acute mastoiditis
- Chronic suppurative otitis media (CSOM) and chronic mastoiditis
- Tumour

## The Operation / Procedure

- 1. The procedure is carried out under general anesthesia
- 2. Skin incision is made either at the back or in front of the ear
- 3. Remove diseased mastoid under microscope
- 4. A pressure dressing may be needed after the operation in most cases
- 5. Facial nerve monitoring may be used if indicated

## **Before the Operation / Procedure**

- Inform your doctor of any medical condition and any medication you are taking. The medications may need to be adjusted as appropriate.
- 2. Shaving of hair around the ear may be necessary immediately before the operation
- 3. Intended benefits and expected outcome
  - 3.1 To remove cholesteatoma
  - 3.2 To treat middle ear and mastoid infection
  - 3.3 There is chance of incomplete relief of symptoms and recurrence
- Conditions that would not be benefited by the procedure 4.
  - 4.1 Tinnitus
  - 4.2 Dizzines
  - 4.3 Hearing loss

## After the Operation / Procedure

- 1. You may have pain or blocking sensation in the ear
- 2. The pressure dressing is usually taken off after one day. There will be dressing inside the ear. Please do not remove it by yourself. The doctor will change or take off the dressing at follow-up.
- 3. Some discharge from the ear is common. Please do not let any water get into the ear.

Patient Name:	
Hospital No:	
Episode No:	





## Mastoidectomy

## **Risk and Complication**

- There are always certain side effects and risks of complications of the procedure. Medical staff will take every preventive measure to reduce their likelihood.
- Common risks and complications (> 1% risk)
  - Recurrence / residual disease
  - 2.2 Infection
  - 2.3 Bleeding
  - 2.4 Worsening of conductive hearing loss
  - 2.5 Taste loss or disturbances
  - 2.6 Allergic reaction to ear packing
  - 2.7 Vertigo
- Uncommon risks with serious consequences (<1% risk)
  - 3.1 Facial nerve injury
  - 3.2 Partial to total sensory hearing loss
  - 3.3 Ear canal stenosis
  - 3.4 Pinna deformity
  - 3.5 Intracranial injury causing intracranial infection and bleeding
  - 3.6 Death due to serious surgical and anaesthetic complications
- Consequences of no treatment
  - 4.1 Progression of disease with complications

## **Alternative Treatment / Investigation**

- Regular aural toilet and medical treatment 1.
- Antibiotics ear drops

### **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.

Date:

## Reference

Smart patient website by Hospital Authority: Mastoidectomy (2/2020)

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Patient's Label	
Patient Name:	
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