

Procedure Information Sheet – Mastoidectomy

Hosp No. :	HKID No.:
Case No. :	
Name :	
DOB :	M / F
Adm Date :	
Contact No. :	

1. Introduction

- 1.1. Removal of disease in the middle ear structure and the mastoid air cells.
- 1.2. Indications:
 - 1.2.1. Cholesteatoma
 - 1.2.2. Acute mastoiditis
 - 1.2.3. Chronic suppurative otitis media (CSOM) and chronic mastoiditis
 - 1.2.4. Tumor

2. Procedural Preparation

- 2.1. It is possible to undergo preoperative examinations including *CT scan* or magnetic resonance, blood tests, lung X-rays, and electrocardiogram.
- 2.2. The indication of operation, procedure and possible complications will be explained by the surgeon and consent will be signed before operation.
- 2.3. Pre-operative anaesthetic assessment will be performed. The anaesthetic management and its possible risks will be explained by the anaesthetist.
- 2.4. Inform doctor for any drug allergy, regular medications or other medical conditions.
- 2.5. Do not eat or drink 8 hours before operation.
- 2.6. Shaving of hair around the ear may be necessary immediately before the operation.

3. Procedure

- 3.1. This procedure must be carried out under general anesthesia.
- 3.2. Skin incision will be in front of the ear or behind.
- 3.3. Mastoid lesions will be removed under the microscope.
- 3.4. In most cases, the wound will be covered with a head band.

4. Recovery Phase

- 4.1. The ear may have a feeling obstruction and numbness.
- 4.2. The pressure dressing is usually removed after a day.
- 4.3. Do not remove the ear packing by yourself.
- 4.4. Avoid water entering to ear canal.
- 4.5. Ear discharge are normal.
- 4.6. No swimming until advised by doctor.
- 4.7. Avoid fights and diving.

5. Possible Risks and Complications

- 5.1. Common Risks and Complications ($\geq 1\%$ risk)
 - 5.1.1. Recurrence / residual disease
 - 5.1.2. Infection
 - 5.1.3. Bleeding
 - 5.1.4. Worsening of conductive hearing loss
 - 5.1.5. Taste loss or disturbances
 - 5.1.6. Allergic reaction to ear packing
 - 5.1.7. Vertigo
- 5.2. Uncommon Risks with Serious Consequences ($< 1\%$ risk)
 - 5.2.1. Facial nerve injury
 - 5.2.2. Partial to total sensory hearing loss
 - 5.2.3. Ear canal stenosis
 - 5.2.4. Pinna deformity
 - 5.2.5. Intracranial injury causing cerebrospinal fluid leakage, intracranial infection and bleeding



