Laryngectomy

Surgery is sometimes needed for cancer of the larynx, or voice box. The illustrations show what the throat looks like before and after surgery.

Before

Cancerous area
Vocal Cords

Operative site (larynx)
Esophagus
Trachea

The operative site is the section removed during a laryngectomy.

After

Air
Removed larynx
Stoma
PNEUMATIC LARYNX

Air expelled from the stoma (1) activates a reed (2) and the sound is carried to the person's mouth (3).

BLOM-SINGER PROSTHESIS (1)

Pharynx

Food bolus

Prevents aspiration

Eosophagus

BLOM-SINGER PROSTHESIS (2)

Sound

Vibrating pharyngoesophageal segment

A. Blom-Singer
B. Panje Button

Eosophagus