



Service Priorities and Programmes
Electronic Presentations

Convention ID: 93

Submitting author: Dr Pui Yee LO

Post title: Resident Specialist, Queen Elizabeth Hospital, KCC

Functional assessment after external vocal fold medicalization thyroplasty with titanium vocal fold medicalization implant

Dr Lo PY (1), Dr Chu TC (2)

ENT department, Queen Elizabeth Hospital

Keywords:

thyroplasty

TVFMI

Introduction

Unilateral vocal cord paralysis can result in incomplete glottal closure. Dysphonia, breathing and swallowing impairment are common complaints. So a functional surgery is necessary for the improvement of quality of life.

Objectives

This is a prospective study with an aim to assess the functional improvement after external vocal fold medicalization thyroplasty with titanium vocal fold medicalization implant (TVFMI).

Methodology

Pre-operative and post-operative results were compared. Subjects were presented with unilateral vocal cord palsy due to various etiologies. Outcome measures included endoscopic examination, perceptive voice sound analysis and objective acoustic assessment.

Result

From May 2009 to August 2011, 6 patients had the operation done and 67% are male. There were statistically improvement in subjective questionnaire, patient's satisfaction and objective parameters ($p < 0.05$, Wilcoxon signed rank test). No complication was observed during post-operative period.