



Service Priorities and Programmes Electronic Presentations

Convention ID: 116

Submitting author: Dr S Y CHAO

Post title: Consultant, United Christian Hospital, KEC

Multidisciplinary Antenatal Counseling for Fetal Cleft Lip/Palate Deformity: a Review of 62 Cases from a Cross-Cluster Service

Liu CSW(1), Tang PMY(2), Chung KLY(2), Tang RKF(3), Fung GPC(4), To WKW(5), Leung KY(6), Chao NSY(1), Leung MWY(2), Liu KKW(1)

(1)Surgery, UCH, (2)Surgery, QEH, (3) Oral & Maxillofacial Surgery, UCH, (4)Paediatrics & Adolescent Medicine, UCH, (5) Obstetrics & Gynaecology, UCH, (6)Obstetrics & Gynaecology, QEH

Keywords:

antenatal counseling

fetal cleft lip

Introduction

In recent years, paediatric surgeon has become increasingly involved in the multidisciplinary management of infant with cleft lip/palate deformity in the antenatal phase. Outcome data on such service is lacking.

Objectives

To report our centre's experience in a one-stop multidisciplinary antenatal counseling service for pregnancies involving fetuses with cleft lip/palate deformities.

Methodology

All pregnant women with the antenatal diagnosis of fetal cleft lip deformity received multidisciplinary antenatal counseling in our center between Jan 2011 to Dec 2014 were reviewed. The maternal age, family history of cleft deformity and the pregnancy/postnatal outcome were analyzed.

Result

62 pregnant women received multidisciplinary antenatal counseling in our center. 9 (14.5%) of them chose to terminate the pregnancy after counseling. 2 (3.2%) of them defaulted follow-up at our center. The pregnant women are three times as likely to chose termination of pregnancy after counseling when the maternal age is ≤ 33 years old ($p > 0.05$) at the time of counseling. Multidisciplinary antenatal counseling involving the paediatric surgeon providing comprehensive and accurate information may facilitate a better informed decision to be made by the parents with fetal cleft lip deformity. The impact is more significant when the pregnant woman is younger than 33 years old.