

Fadekemi O. Oginni and Wasiu L. Adeyemo

## Abbreviations

Cleft palate may occur in isolation (CP) or in conjunction with cleft lip (CLP) and sometimes as a component of a syndrome.

OFC	Orofacial cleft
PSO	Pre-surgical orthopaedics
CL	Cleft lip
CP	Isolated cleft palate
CLP	Cleft lip and palate
sP	Soft palate
hP	Hard palate
Ant	Anterior
IVV	Intravelar veloplasty
MCC	Maternal care coordination
ANC	Antenatal care
ORL	Otorhinolaryngology

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## 41.1 Introduction

Orofacial clefts (OFCs), which include cleft lip (CL), cleft palate (CP) and cleft lip with cleft palate (CLP), can impair the development of teeth, speech, hearing and feeding capability in isolation or combination. These defects create physical and emotional stress for infants, children and their families. At other times, there are multi-system and complex anatomical, physiological and psychosocial problems which are taken into consideration in optimal care delivery (Sitversen et al. 2008). For many reasons, the protocol of care for these patients has attracted lingering debates worldwide (Malcolm and Richard 2000). Although the timely receipt of primary cleft surgery is essential to the medical and psychosocial well-being of these patients (Bokhout et al. 1997; Strauss 1999; Riski 2002; Benedict and Farel 2003), services and treatment delivery can vary, depending on severity of the defect, presence of associated syndromes or other birth defect(s) and the child's age and rate of development (Nackashi et al. 2002).

Despite these variations, some general helpful recommendations exist (Nackashi et al. 2002; Lynch and Karnell 2003).

The initial evaluation of an infant with OFC is recommended within the first few days of life, and subsequent evaluations should be scheduled at regular intervals, depending on cleft severity, presence of associated deformities and the child's age.

The ideal timing and method of CLP repair remain an enigma, despite many studies, surveys and reports in the literature (Agrawal and Panda 2011;

# Evolve Cleft Lip Case Study Answers

**Richard Bailey**

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