

Abstract

Aim of study:

The study aimed prospective clinical trial study, to evaluate the Buccal fat pad uses for repair of cleft palate in Yemeni patients

Material and method:

Study sample include 20 patients with cleft palate that were referred to Kuwait hospitals in Sana'a city, Yemen during the period from **December 2023 to 2024** and the inclusion criteria were selected. The sample size were **20** .patients the patient was examined for Fitness • preoperative clinical photograph were taken to 10 patients that subject to palatoplasty flap Technique with buccal fat pad and 10 patients subject to palatoplasty flap Technique without buccal fat pad

Results:

The result of the (90%) 9 patients among success of the operation total number of 10 patients. While the remaining of 10% (1) patient was failed. Were the success of palatoplasty flap without buccal fat pad surgery represent (40%) .

CONCLUSION:

The study conclude that the uses of buccal fat pad surgical repair of cleft palate have potential role to prevent fistula formation.