



The Cleft Nose Challenge

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Patients with cleft lip anomalies or other facial clefts have significant associated congenital nasal anomalies as well. With appropriate Naso alveolar molding and careful surgery in early years of life, such deformities may become less in future. However cleft nose deformities are still common and a challenging problem. In cases of Bilateral cleft nose, the major deficit is usually in the Columella which can be almost non existing in severe cases. In adults, nasal reconstruction is considered by raising the whole philtral skin to cover rib cartilage graft in order to have a solid Columella. Majority of such cases would undergo Abbe flap for the lip as a final step. In cases of Unilateral cleft lip nasal deformity, the challenges are more mainly due to the Asymmetry. Rib graft is still needed for the columellar strut as well as to provide adequate material for alar support & Spreader grafts.

Important general take home messages would be :

1. One must reduce scarring as possible during childhood and teenage years by using minimal external incisions if any nasal correction considered.
2. Final Nasal correction must be completed before doing any lip revisionary surgery.
3. Contrary to Cosmetic Rhinoplasty, in cleft nose a much aggressive approach is needed to reach a reasonable outcome

Biography: Badr Abdulrauf, after completing the Medical school, he joined Plastic surgery residency training program at university of Manitoba, Winnipeg Canada, followed by sub speciality fellowship in Aesthetic surgery then a second subspecialty fellowship in Paediatric Reconstructive surgery at Hospital for Sick Children, University of Toronto Canada. He has published on Tissue viability studies and on Anatomical studies in reputable plastic surgery scientific journals. Currently he is the Head of Plastic Surgery department and Director of Residency Training at King Faisal Specialist Hospital and Research Centre, located on the western coast cosmopolitan city of Jeddah, Saudi Arabia. He is an active member of ISAPS and the Secretary General of the Saudi Scientific Association of Plastic Surgery and Burns.

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