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The Effects of the Face Mask on Soft Tissue Profile with or without Expansion A Systematic Review

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Background

Face mask treatment on growing patient produce skeletal and dental effect and different studies stated that face mask produce improving effect on soft tissue profile that following under skeletal profile changes and other studies were stated that no significant effect of face mask on soft tissue so no evidence found on literature on effect of facemask on soft tissue profile with or without expansion used with face mask for maxillary protraction treatment.

Objective

Main objective in this review to evaluate evidence of effect of Face mask in soft tissue profile in treatment of skeletal class III growing patients with or without maxillary expansion.

Search Strategy

Following key words were used in different electronic database search Facemask-skeletal class maxillary expansion - maxillary protraction- soft tissue profile-reverse pull head gear detailed search strategy were performed in following electronic database (Pumped-Google scholar- Cochrane electronic data bases) to collect all eligible studies in English language that matching inclusion criteria of this review.

Selection criteria

The following criteria were met inclusion criteria for study selection: controlled or non controlled clinical trials on growing patients receiving orthopedic face mask treatment with or without maxillary expansion or retrospective studies with soft tissue profile measurements before and after treatment. Studies that were involved adult patient or fixed appliance combined with face mask treatment or surgical treatment or cleft patient or any other dento facial defects were excluded also Studies.

Biography

Abdelrahman Nasiem Ahmed is a distinguished professional affiliated with Cairo University, Egypt, known for his contributions in the field of Dentistry. As a proactive member of the academic and professional community, Abdelrahman participates in global conferences and collaborative initiatives, contributing valuable insights and fostering innovation.