



Figure 1: Pre-treatment portrait and intra-oral photographs. Lateral profile portrait showed a bimaxillary protrusion with protrusive upper and lower lips. Frontal portraits showed lip competency at rest and a reverse smile line with 70% incisal display while smiling, dark buccal corridors and coincident maxillary and mandibular midlines. Intra-oral photographs revealed a high maxillary labial frenum attachment, spacing and severe anterior and posterior open bite extending to the first premolars, proclined maxillary and mandibular incisors, a constricted maxilla, marginal ridge discrepancies, gingival margin not aligned with irregular heights of contour. The mandibular third molars were present, but the maxillary third molars were absent, and the mandibular left first premolar was severely rotated.