



Figure 9: Superimposition of pre- and post- treatment cephalometric tracings. Cephalometric superimposition of pre-treatment (black tracing) and post-treatment (red tracing) on the anterior cranial-base shows significant vertical maxilla and mandible growth, and significant maxillary advancement resulting in a Class I jaw relation, proclination of maxillary incisors, and extrusion of both maxillary anterior and posterior teeth (A). Superimposition based on the body of the maxilla, showed molar extrusion and uprighting and incisor extrusion with proclination (B). Superimposition based on the inferior-alveolar nerve and inner profile of the mandibular symphysis revealed incisor extrusion without significant change in inclination, molar extrusion and uprighting, and vertical growth of the mandible and condyle (C).