



**Figure 4: Pre-treatment lateral cephalometric radiograph and analysis.** Cephalometric analysis showed a Class III tendency (ANB= 0.9°), hyper-divergent profile (FMA= 29.1°, SN-MP= 44.4°), proclined maxillary and mandibular incisors (U1°-SN= 108.2°, IMPA= 110.9°, respectively) and a severe skeletal open bite.