Abbreviations: IMRT = intensity-modulated radiation therapy, NPC = nasopharyngeal carcinoma, CTV = clinical target volume, DVH = dose-volume histogram, MLC = multi-leaf collimator, GTV = gross tumor volume, Gy = Gray (unit), ICRU = International Commission of Radiation Units, TPS = treatment planning system, MU = monitor unit, OAR = organs at risk, PTV = planning target volume, TC = target coverage, HI = homogeneity index, CI = conformity index, PDT = plan delivery time.