

**Supplementary Table S1.** Dosimetric comparison of each technique

	Whole cohort			Single lesion			Multiple lesions		
	HT vs. VMAT	HT vs. cone-based	VMAT vs. cone-based	HT vs. VMAT	HT vs. cone-based	VMAT vs. cone-based	HT vs. VMAT	HT vs. cone-based	VMAT vs. cone-based
D <sub>max</sub>	0.867	< 0.001**	< 0.001**	0.333	0.005**	0.005**	0.496	< 0.001**	< 0.001**
HI	0.368	< 0.001**	< 0.001**	0.386	0.005**	0.005**	0.489	< 0.001**	< 0.001**
CI	0.133	0.010**	< 0.001**	0.575	0.007**	0.059	0.062	0.136	0.002**
CI50	< 0.001**	< 0.001**	0.258	0.005**	0.059	0.575	0.005**	0.001**	0.326
CGI	< 0.001**	< 0.001**	0.041	0.005**	0.028	0.799	0.002**	< 0.001**	0.017

HT, helical tomotherapy; VMAT, volumetric modulated arc therapy; D<sub>max</sub>, maximal dose; HI, homogeneity index; CI, conformity index; CGI, gradient index.

p-value for pairwise comparison of Wilcoxon signed-rank test.

\*\*Significant with Bonferroni correction for three comparisons ( $p < 0.0165$ ).