Supplemental Table 1. Subset of lesions with MTV_{pre}<25 cc. Competing risk regression accounting for clustered analysis and competing risk of death.

Variable		Local Recurrence (n=21 events) Univariable
Age	HR	1.04
	95% CI	0.96-1.13
	p	0.35
Log(MTV_{mid})	HR	**1.92**
	95% CI	**1.28-2.28**
	p	**0.002**
Primary Lesion (non-nodal target)	HR	2.28
	95% CI	0.91-5.66
	p	0.08
Abbreviations: MTV_{mid}=mid-treatment metabolic tumor volume.		

Supplemental Table 2. Subset of lesions with MTV_{pre}≥25 cc. Competing risk regression accounting for clustered analysis and competing risk of death.

Variable		Local Recurrence (n=24 events) Univariable
Age	HR	0.97
	95% CI	0.92-1.01
	p	0.11
Log(MTV_{mid})	HR	1.23
	95% CI	0.47-3.27
	p	0.67
Primary Lesion (non-nodal target)	HR	1.12
	95% CI	0.41-3.09
	p	0.83
Abbreviations: MTV_{mid}=mid-treatment metabolic tumor volume.		