

Supplementary material

Supplementary table 1: Uni- and multivariate cox regression for overall survival (OS) in the whole population(n=1015)

	Univariate Analysis		Multivariate Analysis	
	HR (95% CI)	p value	HR (95% CI)	p value
Gender (Male vs Female)	2.24 [1.56;3.22]	<0.001	2.05 [1.28;3.31]	0.003
ECOG PS (0 vs ≥1)	0.32 [0.22;0.46]	<0.001	0.42 [0.27;0.65]	<0.001
T3-4 or N+ vs T1-2/N0	2.41 [1.61;3.62]	<0.0001	1.78 [1.1;2.9]	0.02
HIV status (+ vs -)	2.36 [1.41;3.94]	0.001	1.34 [0.71;2.53]	0.363
Induction CT (yes vs no)	3.20 [1.94;5.28]	<0.0001	1.21 [0.63;2.31]	0.574
Neutrophils (≥5G/l vs <5G/l)	1.60 [1.05;2.44]	0.028	1.28 [0.82;2]	0.281
Brachytherapy Boost (yes vs no)	0.43 [0.22;0.86]	0.016	0.85 [0.36;1.98]	0.699
RT interruption (yes vs no)	1.14 [0.78;1.66]	0.497		
OTT	0.99 [0.98;1.01]	0.31		
RT technique (3D vs IMRT)	1.13 [0.69;1.85]	0.622		
Concomitant CT (yes vs no)	1.30 [0.82;2.07]	0.262		
Tobacco (yes vs no)	1.21 [0.83;1.78]	0.324		
Age (<75 vs ≥75)	0.89 [0.57;1.39]	0.615		

Supplementary table 2: Uni- and multivariate cox regression for colostomy-free survival (CFS) in the whole population (n=1015)

	Univariate Analysis		Multivariate Analysis	
	HR (95% CI)	p value	HR (95% CI)	p value
Gender (Male vs Female)	1.86 [1.4;2.48]	<0.0001	1.83 [1.2;2.78]	0.005
ECOG PS (0 vs ≥1)	0.37 [0.28;0.5]	<0.0001	0.64 [0.44;0.93]	<0.019
T3-4 or N+ vs T1-2/N0	2.42 [1.78;3.31]	<0.0001	1.95 [1.23;3.1]	0.005
HIV status (+ vs -)	2.09 [1.38;3.18]	0.001	1.40 [0.81;2.43]	0.230
Induction CT (yes vs no)	1.89 [1.21;2.95]	0.005	0.89 [0.48;1.65]]	0.703
Neutrophils (≥5G/l vs <5G/l)	1.50 [1.07;2.11]	0.018	1.31 [0.89;1.93]	0.168
Brachytherapy Boost (yes vs no)	0.38 [0.22;0.66]	0.001	0.45 [0.2;1.05]	0.064
Tobacco (yes vs no)	1.38 [1.02;1.86]	0.035	1.03 [0.7;1.5]	0.897
RT technique (3D vs IMRT)	1.63 [1.15;2.3]	0.006	1.67 [1.06;2.62]	0.027
Concomitant CT (yes vs no)	1.34 [0.94;1.91]	0.104	0.63 [0.36;1.09]	0.10
RT interruption (yes vs no)	1.02 [0.76;1.37]	0.881		
OTT	1.00 [0.99 ; 1.01]	0.59		
Age (<75 vs ≥75)	1.22 [0.84;1.76]	0.298		