

STable 1 Clinical and pathological characteristics of enrolled 3 cases

Variable	Cervical Cancer	Naso-pharyngeal Cancer	Tongue Cancer
Age(years)	55	63	53
Gender	female	male	male
Weight(kg)	50	62.3	50
Occupation	peasant	peasant	Civil servant
smoking	never	Average, 2-5 cigarette per day	never
Drink	never	Average, 1 time per month	occasionally
Stage	IIIB	T4N2M0 IVA	T1N2M0 IVA
Total integral radiation dose	60Gy	70Gy	60Gy
White cells prior to IR	8.15×10^9	4.28×10^9	4.98×10^9
White cells post IR	9.26×10^9	5.45×10^9	4.18×10^9
platelet prior to IR	348×10^9	151×10^9	210×10^9
platelet post IR	364×10^9	161×10^9	190×10^9
Hemoglobin prior to IR	116g/L	130g/L	115g/L
Hemoglobin post IR	119g/L	139g/L	112g/L