

Supplementary Table 1. EMPIRIC Study assessment schedule

Week		1	2	3	4	5	6																																						
Procedure	Before the start of radiotherapy	Days 1-5					Days 8-12					Days 15-19					Days 22-26					Days 29-33					Days 36-40																		
Consent & Eligibility assessment	✓																																												
*Chemoradiotherapy (CRT)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*Image-guided brachytherapy		
MRI scanning: T1, T2, DCE, DWI, BOLD	✓											✓																															✓	Routine MRI	
Biopsy sample	From original diagnostic biopsy																																										✓		
Blood sample (CTC)	✓																																											✓	

✓ Indicates when patient will receive stated treatment or undergo stated investigation

* Concurrent chemo-radiotherapy (EBRT plus image guided-brachytherapy with weekly cisplatin) is administered per standard of care