

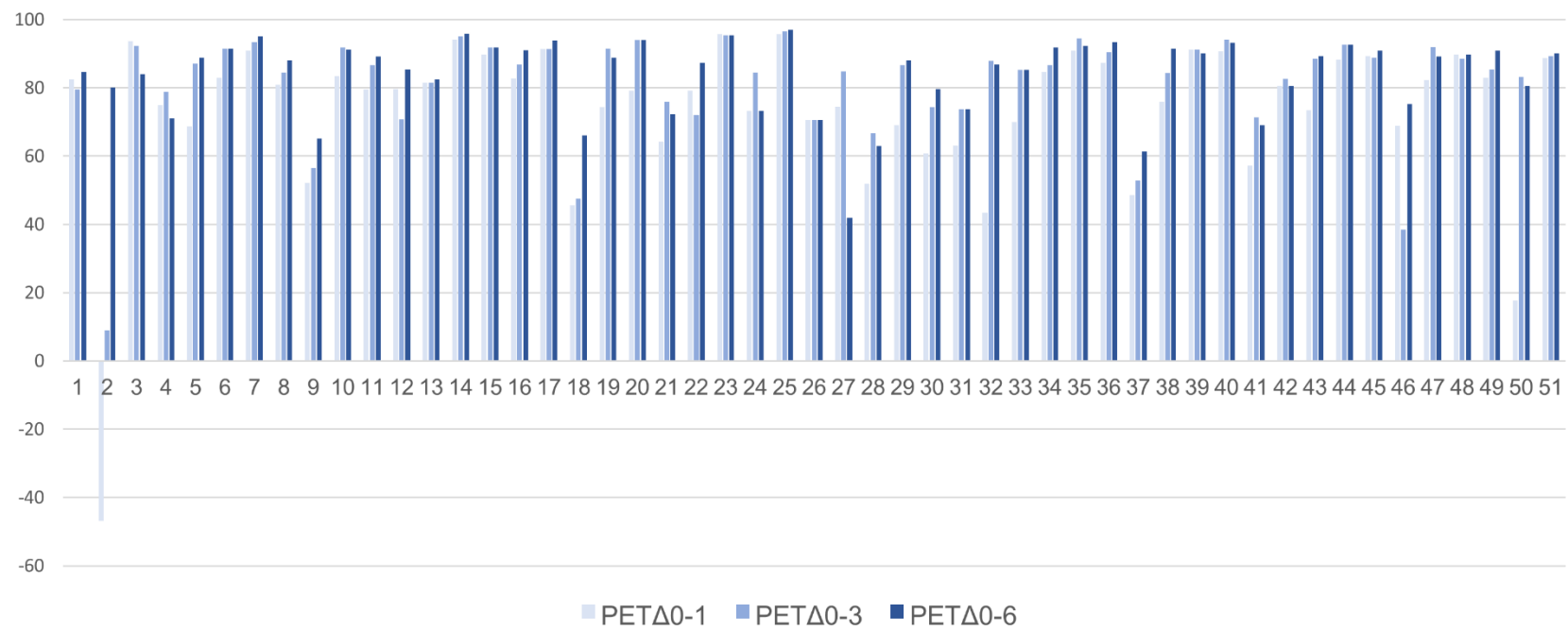


Figure S1. %ΔSUL in each time point in detail for each patient.

Table S1. %ΔSUL according to Deauville 5 point score.

Timing of PET		Deauville 5 point score				
		1	2	3	4	5
PET _{Δ0-1}	Mean ± SD	84.2 ± 10.7	92.3 ± 2.0	71.1 ± 16.3	74.9 ± 12.0	56.6 ± 36.4
	(range, n)	(52.2~95.8, 18)	(90.9~93.7, 2)	(51.9~90.9, 6)	(48.6~89.9, 12)	(-46.9~83.4, 13)
PET _{Δ0-3}	Mean ± SD	85.2 ± 9.5	91.7 ± 1.5	78.9	80.3 ± 12.7	50.5 ± 29.8
	(range, n)	(56.5~96.6, 35)	(90.4~93.4, 3)	(1)	(52.9~92.3, 7)	(9.0~85.4, 5)
PET _{Δ0-6}	Mean ± SD	86.2 ± 9.0	87.6 ± 6.5	91.0	78.0 ± 11.3	66.8 ± 18.2
	(range, n)	(63.0~97.0, 38)	(80.5~93.4, 3)	(1)	(61.4~87.3, 5)	(41.8~84.1, 4)

Table S2. The quantitative PET parameters at each time point according to disease status at 1 year.

Parameters	Disease present (<i>n</i> = 9)	Disease-free (<i>n</i> = 42)	<i>P</i>
PET1 SULpeak	2.5 ± 1.8	3.0 ± 2.6	0.562
PET3 SULpeak	1.9 ± 1.6	2.1 ± 1.9	0.756
PET6 SULpeak	2.6 ± 3.2	1.7 ± 0.7	0.420
PET1 MTV (cm ³)	5.3 ± 8.6	15.8 ± 43.4	0.475
PET3 MTV (cm ³)	2.9 ± 7.7	2.2 ± 9.1	0.840
PET6 MTV (cm ³)	1.6 ± 3.2	0.6 ± 2.3	0.296

Table S3. Changes in SULpeak and MTV according to disease status at 1 year following therapy.

Parameters		Disease present (<i>n</i> = 9)	Disease-free (<i>n</i> = 42)	<i>P</i>
PET1	absΔSULpeak	10.4 ± 7.1	10.4 ± 6.2	0.976
	%ΔSULpeak	78.1 ± 15.3	72.8 ± 24.8	0.545
	absΔMTV(cm ³)	639.1 ± 667.3	571.4 ± 1198.0	0.871
	%ΔMTV	98.4 ± 1.9	93.2 ± 14.9	0.311
PET3	absΔSULpeak	11.0 ± 7.2	11.2 ± 5.8	0.911
	%ΔSULpeak	82.3 ± 15.3	81.2 ± 16.6	0.851
	absΔMTV(cm ³)	641.4 ± 668.2	585.0 ± 1205.1	0.893
	%ΔMTV	99.7 ± 0.6	99.2 ± 3.0	0.675
PET6	absΔSULpeak	10.3 ± 7.1	11.7 ± 5.5	0.522
	%ΔSULpeak	79.2 ± 18.2	85.1 ± 9.1	0.369
	absΔMTV(cm ³)	642.8 ± 669.2	586.6 ± 1206.1	0.893
	%ΔMTV	99.9 ± 0.2	99.6 ± 1.9	0.645