

SUPPLEMENTAL TABLE 1. Clinical data of participants who underwent PET/CT followed by PET/MRI

Pt. no.	Tracer type	Age (yr)/ Gender	Primary diagnoses	Change in management based on		Added value of PET/MRI
				PET/CT	PET/MRI	
1	¹⁸ F-FDG	37 M	Osteosarcoma, left jaw	No	No	Nil
2	¹⁸ F-FDG	49 M	Unknown primary	Yes	Yes	Yes
3	¹⁸ F-FDG	54 M	Lymphoma	No	No	Nil
4	¹⁸ F-FDG	70 M	Lung cancer	No	No	Nil
5	¹⁸ F-FDG	76 F	Cervical cancer	Yes	Yes	Upstaged disease from T3A to T4
6	¹⁸ F-FDG	58 F	Ovarian cancer	No	No	Nil
7	¹⁸ F-FDG	61 F	Lung cancer	Yes	No	Nil
8	¹⁸ F-FDG	14 F	Cervical cancer	Yes	Yes	Nil
9	¹⁸ F-FDG	75 M	Non-Hodgkin's lymphoma	No	No	Nil
10	¹⁸ F-FDG	74 F	Vaginal melanoma	Yes	Yes	Synchronous rectal lesion and presacral lymph node
11	¹⁸ F-FDG	75 F	Squamous cell cancer, base of tongue	No	No	Nil
12	¹⁸ F-FDG	67 M	Thyroid cancer	Yes	Yes	Down staged disease from T4 to T3
13	¹⁸ F-FDG	45 M	Esophageal cancer	No	No	Nil
14	¹⁸ F-FDG	21 M	Peritoneal sarcoma	No	No	Nil
15	¹⁸ F-FDG	76 F	Unknown primary	No	No	Nil
16	¹⁸ F-FDG	73 M	Gastric lymphoma	No	No	Nil
17	¹⁸ F-FDG	29 M	Bone lymphoma	No	No	Nil
18	¹⁸ F-FDG	67 M	Colorectal cancer	No	No	Nil
19	¹⁸ F-FDG	73 M	Lung cancer	No	No	Nil
20	¹⁸ F-FDG	50 M	Lymphoma	No	No	Nil
21	¹⁸ F-FDG	50 F	Breast cancer	No	No	Nil
22	¹⁸ F-FDG	51 F	Cervical cancer	Yes	Yes	Nil
23	¹⁸ F-FDG	56 F	Uterine cancer	No	No	Nil
24	¹⁸ F-FDG	22 M	Lymphoma	No	No	Nil
25	¹⁸ F-FDG	56 M	Esophageal cancer	No	No	Nil
26	¹⁸ F-FDG	49 F	Leiomyosarcoma	No	No	Nil
27	¹⁸ F-FDG	36 M	Seminoma	No	No	Nil
28	¹⁸ F-FDG	47 M	Rectal cancer	No	No	Nil
29	¹⁸ F-FDG	18 M	Rectal cancer	No	No	Nil
30	¹⁸ F-FDG	70 M	Lung cancer	No	No	Nil
31	¹⁸ F-FDG	56 M	Nasopharyngeal cancer	Yes	Yes	Down staged disease from T3 to T2
32	¹⁸ F-FDG	57 M	Tongue cancer	No	No	Nil
33	¹⁸ F-FDG	32 F	Hodgkin's lymphoma	No	No	Nil
34	¹⁸ F-FDG	26 M	Lymphoma	No	No	Nil
35	¹⁸ F-FECH	11 F	Astrocytoma	No	No	Nil
36	¹⁸ F-FECH	67 M	Prostate cancer	Yes	Yes	Nil
37	¹⁸ F-FECH	71 M	Prostate cancer	No	No	Nil
38	¹⁸ F-FECH	66 M	Hepatocellular carcinoma	No	No	Nil
39	¹⁸ F-FECH	75 M	Prostate cancer	No	No	Nil
40	¹⁸ F-FECH	18 M	Pineal germ cell tumor	No	No	Nil
41	¹⁸ F-FECH	68 M	Prostate cancer	No	No	Nil

42	¹⁸ F-FECH	15 M	Glioblastoma multiforme	No	No	Nil
43	¹⁸ F-FECH	17 M	Glioblastoma multiforme	No	No	Nil
44	¹⁸ F-FECH	14 M	Astrocytoma	No	No	Nil
45	¹⁸ F-FECH	72 M	Prostate cancer	Yes	Yes	Nil
46	¹⁸ F-FECH	69 M	Prostate cancer	No	No	Nil
47	⁶⁸ Ga-DOTATATE	68 F	Neuroendocrine tumor	No	No	Nil
48	⁶⁸ Ga-DOTATATE	46 M	Neuroendocrine tumor	No	No	Nil
49	⁶⁸ Ga-DOTATATE	17 F	Paraganglioma	Yes	Yes	Two additional lesions identified
50	⁶⁸ Ga-DOTATATE	43 M	Pituitary tumor	No	No	Nil

Abbreviations: ¹⁸F-FDG = ¹⁸F-Fluorodeoxyglucose, ⁶⁸Ga-DOTATATE = ⁶⁸Ga-DOTA-

DPhe¹Tyr³-octreotate, ¹⁸F-FECH = ¹⁸F-fluoro-ethyl-choline

Time interval between PET/CT and PET/MRI (h)**= Calculated from the start of PET/CT acquisition to the start of PET/MRI acquisition