

Table SI. Final diagnosis based on PET/CT findings (true-positive group).

A, Infection		
Case no.	FDG PET/CT findings	Final diagnosis
1	Abnormal uptake in the SVC and junction of right atrium	Central line-associated blood stream infection
2	Uptake in the bowl anastomosis	Bowl infection
3	Uptake in the pelvis	Pelvic infection
4	FDG uptake in spine	Discitis/osteomyelitis
5	FDG uptake in Foot and ankle joints	Diabetic foot infection
6	FDG uptake in the porta hepatis and per-hepatic lymph nodes	Cholangitis
7	Focal FDG uptake in the liver	Hepatic abscess
8	FDG uptake in the peri-renal area	Peri-renal abscess
9	Mediastinal, pluraland lung uptake	Mediastinitis and pleuritis
10	Focal intense uptake in the renal cortex and perinephric tissue	Pyelonephritis and urospepsis
11	focal uptake in the heart valve and myocardium	Infective endocarditis
12	FDG uptake in the sacrum	Osteomyelitis
13	FDG uptake in gall bladder and adjacent hepatic segment	Cholecystitis
14	Lung and pleural uptake	Chest infection
15	Soft plate and cervical lymph nodes	Head and neck infection
16	Post kidney transplant uptake the kidney and peri-ureteric uptake	Pyelonephritis
17	FDG uptake in the spinal cord	Neurobrucellosis
18	Uptake in the lung	Pneumonitis
19	Focal FDG uptake in the liver	Liver abscess
20	FDG uptake in the sacroiliac joint	Osteomyelitis
21	FDG in multiple vertebra and discs	Osteomyelitis
22	FDG uptake in the Para-spinal tissue and lung	Spine osteomyelitis
23	Spleen and multiple lymph nodes uptake	Disseminated histoplasmosis
23	Vertebral uptake	Brucellosis
25	Ascending aorta uptake	Infectedaorticaneurysm
26	FDG uptake in the right adnexa	Ovarian abscess
B, Malignancies		
Case no.	FDG PET/CT findings	Final diagnosis
1	FDG uptake in the lung and Para-spinal region	Acute myeloid leukemia
2	Uptake in bilateral cervical nodes	Hodgkin's lymphoma
3	Asymmetricaltonsils uptake	Tonsillar cancer
4	FDG uptake above and below the diaphragm	Large diffuse B-cell lymphoma
5	Multiple foci of FDG uptake throughout the Skelton	Metastaticadenocarcinoma
6	Lymph nodes above and below diaphragm	Non-Hodgkin's lymphoma
7	Uptake in the spleen and bone marrow	Hodgins's lymphoma
8	Breast uptake	Breast cancer
9	Uptake in the liver, porta hepatic, and mediastinal lymph nodes	Metastatic fibrolamellar hepatocellularcarcinoma
10	FGD uptake in the spleen and bone marrow	Lymphoma
11	FDG uptake in the uterus and iliac nodes	Endometrial cancer
12	Multiple lymph nodes uptake	Non-Hodgins lymphoma
13	Focal uptake in the colon	Colon cancer
14	Focal uptake in the stomach	Gastric adenocarcinoma
15	Bone marrow uptake	Acute ALL
16	Focal uptake in the testis	Testicular lymphoma
17	Heterogeneous uptake in the mediastinal mass	Lymphoma
18	Multiple bone metastasis and nasopharyngeal uptake	Metastaticnasopharyngeal cancer
C, Inflammatory/non-infectious		
Case no.	FDG PET/CT findings	Final diagnosis
1	Uptake in the ascending aorta	IgG4-related disease

2	Focal myocardial uptake	Sarcoidosis
3	Diffuse thyroid uptake	Thyroiditis
4	Diffuse pericardial uptake	Pericarditis
5	Diffuse bone marrow and lymph nodes uptake	Still disease
6	Aortic and aortic arch branches wall uptake	Giant cell arteritis
7	Diffuse bowel uptake	Inflammatory bowel disease

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ALL, acute myeloid leukemia; FDG PET/CT, fluorodeoxyglucose positron emission tomography.