

Supplementary Table 1. Localization, number and final diagnosis of the 35 probable clinical relevance (PCIR) foci and their appearance by PET/CT in addition to the patients known or suspected malignancies.

Location and number of PCIR foci	Known/suspected cancer	Investigations	Final diagnosis	FDG uptake	CT changes	New man. initiated
Rectum (7)	Oral cavity	Coloscopy & biopsy	Rectum cancer (AC)	High	Absent	Yes
	NHL/lung	Coloscopy & biopsy (2)	Benign polyp (2) (TA, SD & FA, LD)	High	Correlated	Yes
	NHL	Coloscopy & biopsy	Benign polyp (TVA, SD)	High	Questionable	Yes
	Lung	Coloscopy & biopsy	Benign polyp (VA, MD)	High	Absent	Yes
	NHL	Coloscopy & biopsy	Benign polyp (TVA, SD)	Moderate	Absent	Yes
	Oral cavity	Coloscopy	No pathology	High	Correlated	No
Rectum/sigmoid (3)	NHL	Coloscopy & biopsy	Benign polyp (TA, LD)	High	Correlated	Yes
	Tongue/OCC	Coloscopy (2)	Diverticulosis (2)	High	Absent	No
Sigmoid colon (8)	NHL	Coloscopy & biopsy	Polyp containing moderately diff. ca.	High	Correlated	Yes
	NHL	Coloscopy & biopsy	Benign polyp (TA, MD)	High	Correlated	Yes
	NHL (2)	Coloscopy & biopsy (2)	Benign polyp (2) (TA, FSD & TVA, SD)	High	Absent	Yes
	NHL	Coloscopy & biopsy	Benign polyp (TA, MD)	Moderate	Absent	Yes
	Lung (2)	CT colography & biopsy (2)	Diverticulitis seq. (2)	High	Correlated	No
	NHL	Coloscopy	No pathology	High	Correlated	No

Descending colon	HL	Coloscopy & biopsy	Benign polyp (TA, MD)	High	Correlated	Yes
(2)	NHL	CT coloscopy & biopsy	Benign polyp (TA, SD)	High	Correlated	Yes
Ascending colon (1)	NHL	Coloscopy	No pathology	High	Correlated	No
Coecum (1)	NHL	Coloscopy & biopsy	Benign polyp (TVA, SD)	High	Correlated	Yes
Stomach (2)	NHL (2)	Gastroscopy & biopsy (2)	Pyloric ulcer (1)	High	Correlated	Yes
			Acute ulcer & chronic inflammation (1)	High	Correlated	Yes
Esophagus (1)	NHL	Esophagoscopy	No pathology	Low	Correlated	No
Thyroid gland (3)	NHL/Lung NHL	US & biopsy (2) Scintigraphy, biochemical studies, US & biopsy	Oncocytoma (1)	High	Correlated	Yes
			Follicular adenoma (1)	High	Correlated	No
			Follicular adenoma	Moderate	Correlated	Yes
Breast (1)	GIT	Mammography, US & biopsy, operation	Invasive ductal carcinoma	High	Correlated	Yes
Lungs (1)	HL	FNA, CNB	Squamous cell carcinoma	Low	Correlated	Yes
Lymph nodes (1)	Oropharynx.	Bronchoscopy & biopsy	No pathology	Moderate	Correlated	No
Kidneys (2)	NHL	US & biopsy	Oncocytoma	Absent	Present	Yes
	Rectum	CT, CT urography	Complex renal cyst	Low	Correlated	Yes
Prostate (1)	Esophagus	PSA	Normal level	High	Correlated	No
Testis (1)	Esophagusl	US	No pathology	High	Absent	No

AC: adenocarcinoma; CNB: core needle biopsy; FA: flat adenoma; FNA: fine needle aspiration; FSD: focal severe dysplasia; GIST: gastrointestinal stromal tumor; LD: low dysplasia; Man: management; MD: moderate dysplasia; HL: Hodgkin Lymphoma; NHL: non-Hodgkin lymphoma; OCC: oral cavity cancer; PSA: prostate specific antigen; SD: severe dysplasia; TVA: tubulovillous adenoma; TA: tubular adenoma; ; US: ultrasonography.