Supplemental Table 1:

patient no	age (years)	reason for scan			PET result	NET
1	48		C		negative	absent
2	63	UT	C		positive	absent
3	45		C		negative	absent
4	68		C	TM	negative	absent
5	63	UT			positive	present
6	1		C		negative	absent
7	70	UT		TM	negative	absent
8	51	UT		TM	positive	absent
9	69		C	TM	positive	present
10	69			TM	negative	absent
11	23		C		negative	absent
12	70		C		negative	absent
13	26		C	TM	negative	absent
14	53	UT		TM	negative	absent
15	69	UT			negative	absent
16	33		C		positive	present
17	55	UT		TM	negative	present
18	31			TM	negative	absent
19	76	UT			positive	present
20	72		C	TM	negative	absent
21	69	UT	C		negative	absent
22	68		C		negative	absent
23	34		C	TM	negative	absent
24	55		C		positive	present
25	71	UT			negative	present
26	73	UT	C		negative	absent
27	50	UT			positive	present
28	58		C		negative	absent
29	69	UT		TM	positive	present
30	73			TM	negative	absent
31	55	UT	C	TM	positive	absent
32	63		C	TM	negative	absent
33	23	UT	C		positive	absent

34	56	UT		TM	negative	present
35	78	UT		TM	negative	absent
36	60	UT	C		negative	absent
37	76		C		negative	absent
38	68		C	TM	positive	present
39	67	UT	C	TM	positive	present
40	70		C		negative	absent
41	41		C	TM	negative	absent
42	26	UT			positive	absent
43	31		C		negative	absent
44	68		C	TM	negative	absent
45	30	UT	C		negative	absent
46	83	UT	C		positive	present
47	68	UT		TM	positive	present
48	47		C		negative	absent
49	43	UT	C		negative	absent
50	52		C	TM	negative	absent
51	71	UT		TM	negative	absent
52	69		C	TM	negative	absent
53	75		C		negative	present
54	66	UT	C	TM	positive	present
55	76	UT		TM	negative	absent
56	44	UT			negative	absent
57	47		C	TM	negative	absent
58	66	UT	C		negative	absent
59	53		C	TM	positive	present
60	79		C	TM	positive	absent
61	32		C	TM	negative	present
62	43		C	TM	positive	present
63	59		C	TM	negative	absent
64	62		C		positive	present
65	58	UT	C		positive	present
66	55	UT	C	TM	positive	present
67	31		C		positive	present
68	49	UT			positive	present

69	80	UT		TM	negative	absent
70	60	UT		TM	negative	absent
71	69		C	TM	negative	absent
72	75		C		negative	present
73	41	UT		TM	negative	absent
74	55		C		negative	absent
75	43	UT	C		negative	absent
76	54		C	TM	negative	absent
77	28	UT	C		negative	absent
78	43		C		negative	absent
79	74	UT			negative	absent
80	79	UT			positive	present
81	30	UT			negative	absent
82	59	UT	C		negative	absent
83	68		C	TM	negative	absent
84	57	UT			negative	present
85	66		C		negative	absent
86	58		C		negative	absent
87	55		C	TM	positive	present
88	63		C		negative	absent
89	49		C	TM	negative	absent
90	53		C	TM	positive	absent
91	58	UT			negative	absent
92	67	UT			positive	present
93	56		C	TM	negative	absent
94	71		C		positive	present
95	38	UT			positive	present
96	66	UT	C		positive	present
97	73	UT		TM	positive	present
98	49		C		negative	absent
99	50		C		positive	present
100	79	UT	C	TM	negative	absent
101	74	UT	C		negative	absent
102	50	UT	C	TM	positive	present
103	54	UT		TM	negative	absent

| 104 | 79 | UT | TM | positive | present |

PET reconstruction parameter:

Reconstruction parameters of the Siemens Biograph 64: 2.5 minutes per bed position, TrueX OSEM reconstruction with scatter correction, three iterations, 21 subsets. Gaussian filter with FWHM 2mm. Reconstruction parameters of the GE Discovery 64: 2.5 minutes per bed position, VUEPoint OSEM FX reconstruction with scatter correction, two iterations, 36 subsets, cut off filter 6.5 mm.

Parameters for the child's examination: The reconstruction parameters were the same as used for adults examined on the GE Discovery 64 PET/CT scanner.

Negative oral contrast was used on a regular basis.