



**[2004]474**

**2004**

3

---

---

1.

1

2

3

4

2.

1

2

3 +

4

5

6

3.

1

2

3

4.

1

2

3

4

5

1

2

3

4

5

6

7

8

9

1.

1

2

2.

1 \_\_\_\_\_

2

3

4

5

3. X

1

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5

6 X

4.

1

2

3

5.

1

2

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6.

1

2 \_\_\_\_\_

3

4

1.

1

2

2.

1

2

3

3.

1

2

3

4.

1

2

3

4

5.

1

2

3

4

5.

1

2

3

4

6.

1

2

3

1.

1

2

2.

1

2

3

3.

1

2

3

4.

1

2

3

1. SPECT

1 SPECT

2 SPECT

3 SPECT

2. CT

1 CT

2 CT

3 CT

4 CT

### 3.SPECT/CT

1 SPECT/CT

2 SPECT/CT CT

3 SPETCT/CT

### 4.PET

1 PET

2 PET

3 PET

4 PET

### 5. ECT SPECT/PET

1

2 ECT PET

### 6. PET/CT

1 PET/CT

2 PET/CT

3 PET/CT . ûÛ¿PET#1í ñ ' ÑîÑ. îÑ

### 7. PET/MRI



1

(1)

(2)

2

(1)

(2)

3

(1)

(4) OS-EM One-Pass List-Mode EM

(5) TOF

3.

1

2

3

4 LOR

5 DOI LOR

6

### **PET**

1. PET

1

2

2.

1 FDG

2

3

4 LC

3.

1 (FURGl<sub>c</sub>)

2 FDG (SUV)

3 (T/NT)

4.

1

2

3

4

5.

1

2  $^{15}\text{O}\text{-H}_2\text{O}$  PET RMBF

3  $^{13}\text{N}\text{-NH}_3$  PET RMBF

6.

1

2 rCBF

3 rCBV

4 rOEF

7. SPM

1 SPM

2 SPM

3 SPM

1.

1

2

3

4

2. SPECT

1

2

3

3.PET/CT

1 PET

2 CT

3 PET/CT

1.

1

2

3

4

5 \_\_\_\_\_

2.

1

2

3.

1

2

3

4.

1

2

5.

1 \_\_\_\_\_

2

3

1.

1

2

3

4

Youden

2.ROC

1 ROC

2 ROC

3

3.Meta

1 Meta

2 Meta

3 Meta

4 Meta

1.

1

2

3

4

5

6

7

2.

1

2

3

4 ~~1000~~

5 fc

6 r

5

4.

1

2

3

4

5

6

7

8

9

10

5.

1

2  $^{18}\text{F}$

3 -11

4  $^{13}\text{N}$

5  $^{15}\text{O}$

1.

1

'02ñ j3+5

2.MIRD

6 \_\_\_\_\_

7

8 MIRDOSE

3.

1

2

3

4.

1

2

5.

1

2

3

4

5

6

1.PACS

1 PACS

2 DICOM

2.HIS

1 HIS

2

3 HIS