La Catala 2020a B

Ta C

M

F 125 a a a , a a a a a a a
X- a 1895 a , MRI , PET, a CT a a 20

C a , PHI a a a a a a a
a a , C a R a O a a (CRO), S . W a a ,
a a a a a , a PHI , a ,
a . S a a - a a PHI a a a
. T a a , a a a a a a . H ,
a a a a a a PHI D a I a a C a
M (DICOM a) a a a ’ a . S a F 2. I
a a a a a a AI a a a a . T a a
a a a a a a a a a a a
.

F 2: E R I

SUPPORTING RADIOLOGIST ASSESSMENT

AI/ML a a a a a a a a
a a a a a (a , RECIST, L a , RANO, .
a). I a a a , a , a , a a a a ,
a a M a a' - a . T a a '
a a a / . T a a , a a a
a ' . J a a , a a a a
a a .

T FDA -a a a , a a a a a
a . S F 3 a a a a a . T a a
a a a a a a a a
a a a .[3]

F 3: S A R (AI)

F a X- a , a - a a a a a a . I a
a a a a a ( ).[4]

REMOTE IMAGE REVIEWS

Ra a a a a a a a a a a a
a a a a ' a a !
Ma a a a a a , a
a a a a a a a . V a a a
a a a a a (VPN)
. W a a a a a - a a a
a a , a , a a .

ANALYZING IMAGES WITH RADIOMICS

O a a a - a a , - a a a a a a a a a a a a a .[5] T a , a a a a a a a a a .[6] A a a a a a a a a a a a a a a a a a a . F a , a , a a a a a a , a a a .[7] Ra CT- a a MRI a .

T a a a a a a a a a a a a a a a .

A M a a

M a a a a a , a a .M a a a a a a , a a a a a , a a a a a a a a , a .M a a 1,500 a a a ' - a a , a , a a - a a.

E

1. :// . aa a . / a - - - - a - a - - aa/

2. :// - . /a -4- /

3. C a T a l a E P S a a : G a l ,ΠUS F a D A a , A , 2018.

4. A Sa A .

5. R S, B a F, Ra S, a . Ra : a a a a a a . E Ra E . 2018;2(1):36. P 2018 N 14.

6. M , Y a ., A a Ra P a T a Ca Pa , Ca Ma a a R a , 2019:11 10851 10858.

7. R S, B a F, Ra S, a . Ra : a a a a a a . E Ra E . 2018;2(1):36. P 2018 N 14.

8. M , Y a ., A a Ra P a T a Ca Pa , Ca Ma a a R a , 2019:11 10851 10858.