

	(19) (12)	(KR) (A)	(11) (43)	10-2010-0042084 2010 04 23
(51)	Int. Cl.		(71)	
	A61B 5/055 (2006.01)			
(21)	10-2008-0101216			1000
(22)	2008 10 15		(72)	
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			()	409 804
			(74)	
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(54)

(57)

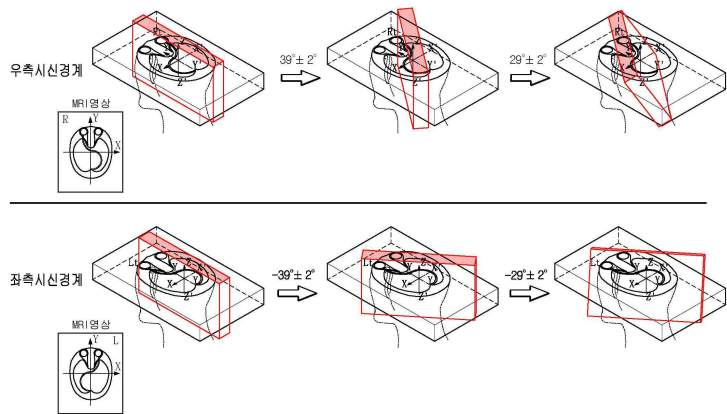
3

2

MRI

(- -)

- 11



(72)

1419-401

1

4

1

(corpus callosum)
 , (Z) (optic chiasm)
 (sagittal image)
 (i) (Z) 35-43 ,
 (ii) 35-43 ,
 (Y) (i) 25-33 ,
 (MRI) .

2

1 , (i) 37-41 , (ii) 27-31
 (MRI) .

3

(corpus callosum)
 , (Z) (optic chiasm)
 (sagittal image)
 (i) (Z) 35-43 ,
 (ii) 35-43 ,
 (Y) (i) 25-33 ,
 (MRI) .

4

3 , (i) 37-41 , (ii) 27-31
 (MRI) .

[0001]

[0002]

[0003]

(panoramic graphy), S ,
 (optic nerve sytem) X- (optic
 foramen) Rhese ,
 (CT) (scan)

(artifact)

3

.

[0004] (MRI, magnetic resonance imager) CT
(pulse sequence) 3 () (Gx, Gy, Gz)

[0005] MRI , (sagittal image)
(single angulation) (oblique scan)
1 2
(optic chiasma) (optic nerve)
(optic radiation) (optic track)
3 2 .

[0006] 2 12
(slice gap) .

[0007] 3 2
.

[0008] (, optic nerve), (, optic chiasma), (optic tract), (, lateral geniculate body) (, optic radiation)
6mm, 0.6mm MRI (12).
(A) (D) 3 V ,
(0)
6~8 mm
18 mm 6 mm
28~29 mm 5.7 cm
(midbrain)
18~20 mm 2 cm , (cerebral peduncle)
(lateral ventricle) (cerebral cortex) MRI
4 cm .

[0009] 3
,
.

[0010] , (corpus callosum)
(Z)
(optic chiasm) (sagittal image) (i) (Z)
35-43 , (ii) 35-43
(Y) (i)

25-33

(MRI)

(11).

[0011]

(corpus callosum)

(Z)

(optic chiasm)

(sagittal image)

(i)

(Z)

35-43

, (ii)

35-43

(Y)

(i)

25-33

(MRI)

(11).

[0012]

MRI

(i)

37-41

, (ii)

27-31 .

[0013]

, 11

, 11

() Z

X'

Y

[0014]

Z

, Y X

[0015]

MRI

3

MRI

3

(corpus callosum)

(i)

35-43

, (ii)

35-43

(Y)

(i)

(, Y X'

) ,

57-65

MRI

[0016]

3

(

)

(3

[0017]

[0018]

MRI

(- -)

, Moozzo method)

3

2

[0019]

MRI

()

3

2

MRI

[illegible]

[0032] 6 ()

[0032] < () >

[0033] 1 MRI 3mm

[0034]

	Scan side	Scan sectio angle	/	Scan direction
1	Rt	Sag>Cor(22.9)>Tra(15.0)	7a/8a	, Multi angle
2		Sag>Tra(26.3)>Cor(20.0)	7b/8b	
3		Sag>Tra(31.3)>Cor(20.0)	7c/8c	
4		Sag>Tra(36.7)>Cor(21.6)	7d/8d	
5		Sag>Tra(41.7)>Cor(21.6)	7e/8e	
6		Sag>Tra(39.7)>Cor(21.6)	7f/8f	
7		Sag>Tra(37.4)>Cor(24.0)	7g/8g	
8		Sag>Tra(46)>Cor(20)	7h/8h	
9		Sag>Tra(50)>Cor(20)	7i/8i	
10		Sag>Cor(43.4)>Tra(23.7)	7j/8j	
11		Sag>Cor(33.1)>Tra(-28.0)	7k/8k	, Multi angle

[0035] 7a , () () ()

[0036] (axial image) (sagittocoronal oblique) (optic chiasm)

[0037] () MR 5-1

[0038] (coronal image) (center line of slice) (center slice) () (center

[0039] MRI MR Infinitt star-PACS program 8a 8k

[0040] 8h 8i , 1 8 9

[0041] 8j 1 10

[0042] 8k 1 11

[0043]

< >

[0044]

2 MRI
. MRI
2 12 14
13 15
2 MRI 4mm

[0045]

2 12 15 9a 9d
10a 10d

2

[0046]

	Scan side	Scan sectio angle	/	Scan direction
12	Both	Lt: Sag>Cor(-29.0)>Tra(-0.4) Rt: Sag>Cor(35.0)>Tra(-0.9)	9a/10a	(SA)
13	Both	Lt: Sag>Tra(-37.5)>Cor(-29.0) Rt: Sag>Cor(40.8)>Tra(28.7)	9b/10b	(MA)
14	Rt	Rt: Sag>Cor(35.0)>Tra(-0.9)	9c/10c()	(SA)
15	Rt	Rt: Sag>Cor(40.8)>Tra(28.7)	9d/10c()	(MA)

[0047]

10a MRI 2 12
sagittocoronal oblique(-29)
oblique(35) Tra(-0.4) Tra(-0.9)
sagittocoronal
3

[0048]

10b 2
(artifact)
10a

[0049]

10c 2 14
2 15

[0050]

1

[0051]

2 MRI (6 mm)

[0052]

3

[0053]

4

[0054]

5 () ()

[0055]

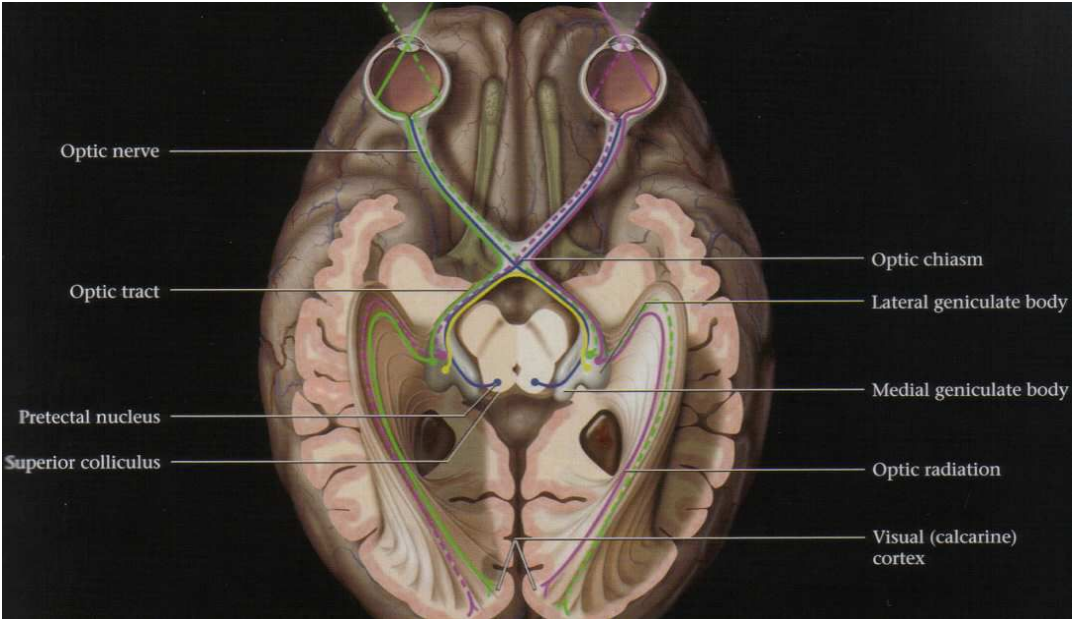
6 () ()

[0056]

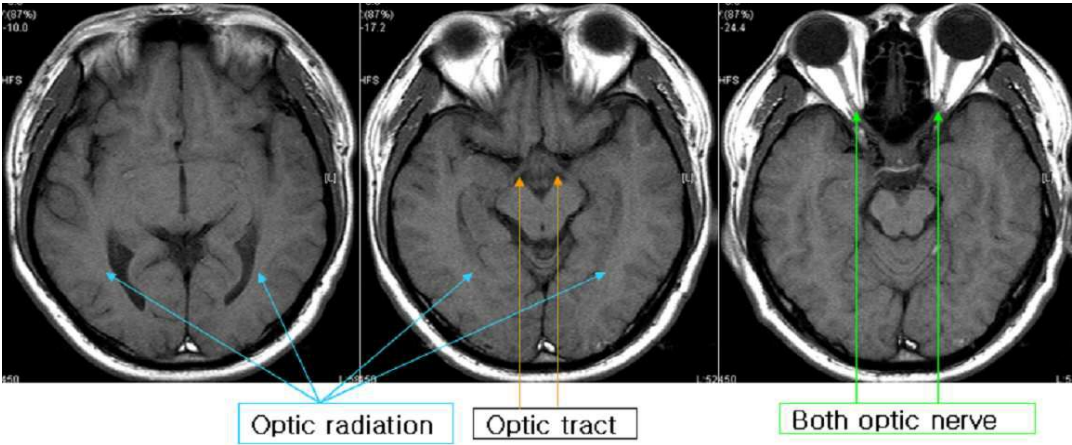
7a 7k 1 1 11

[0057]	8a	8k	1	1	11			
[0058]	9a	9d	2	12	15			
[0059]	10a	10c	2	12	15			
[0060]	11			3				2
[0061]	12		6mm,	0.6mm	(A)	(D)		MRI
	()							

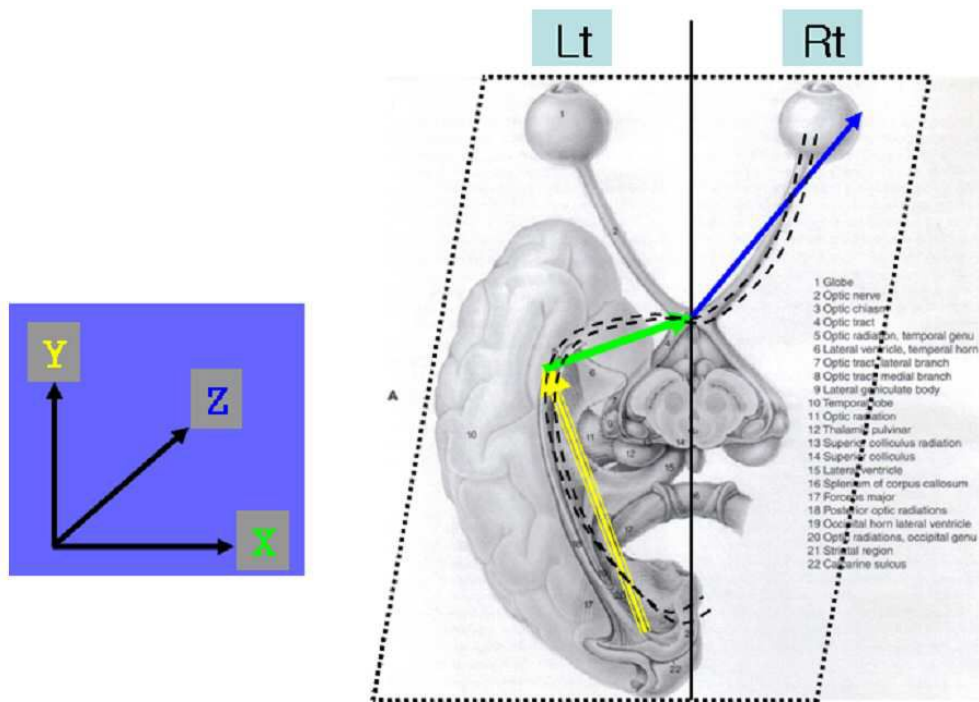
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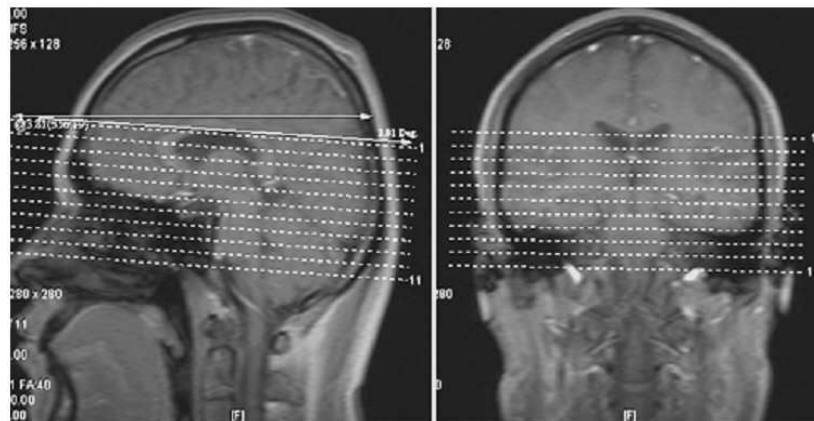
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3



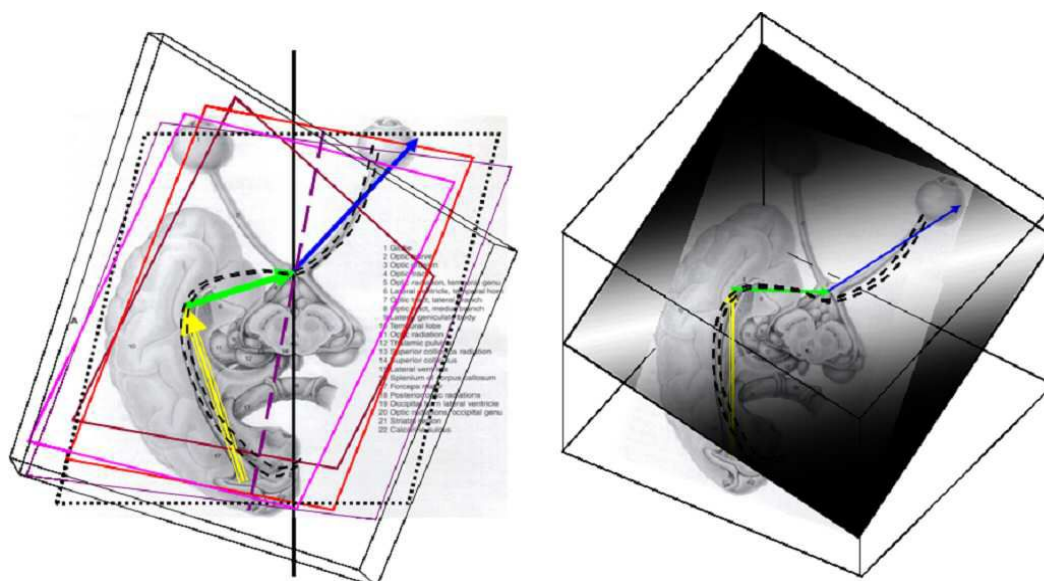
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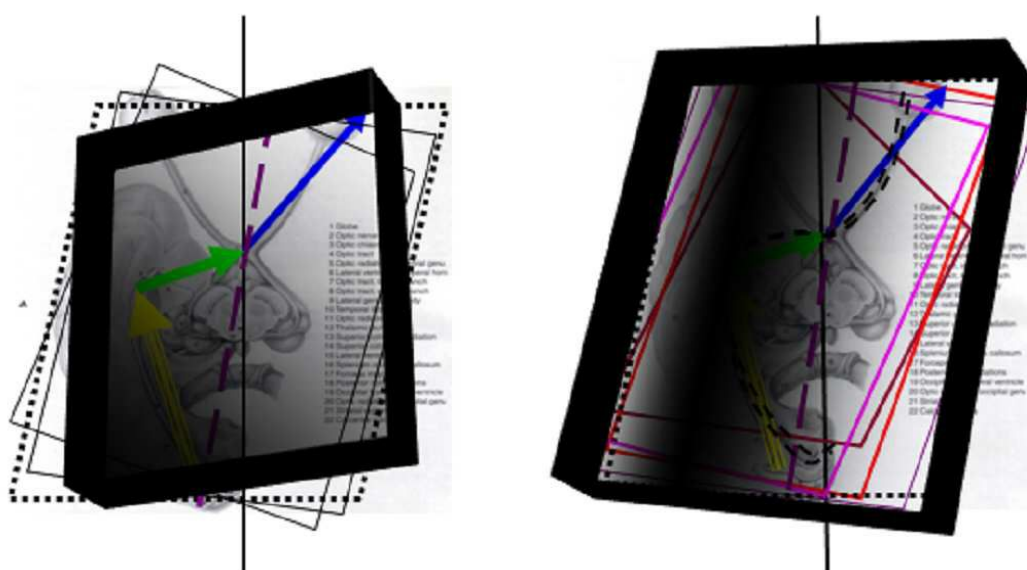
시상단면상

관상단면상

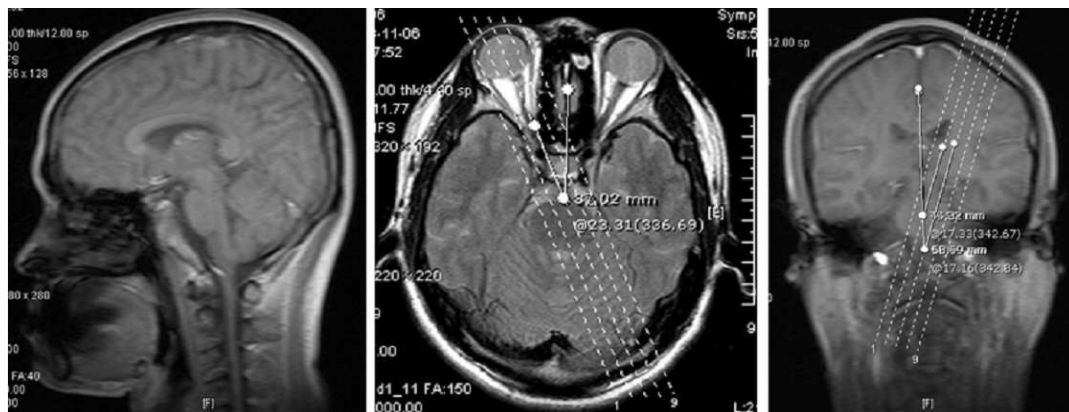
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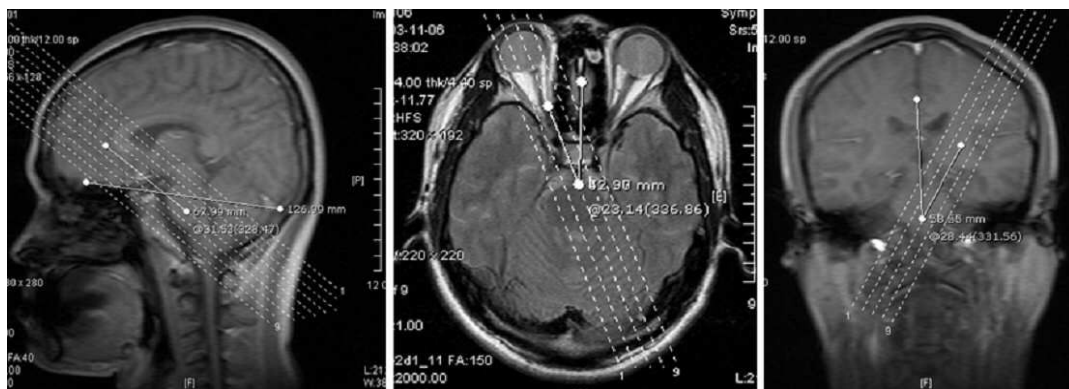
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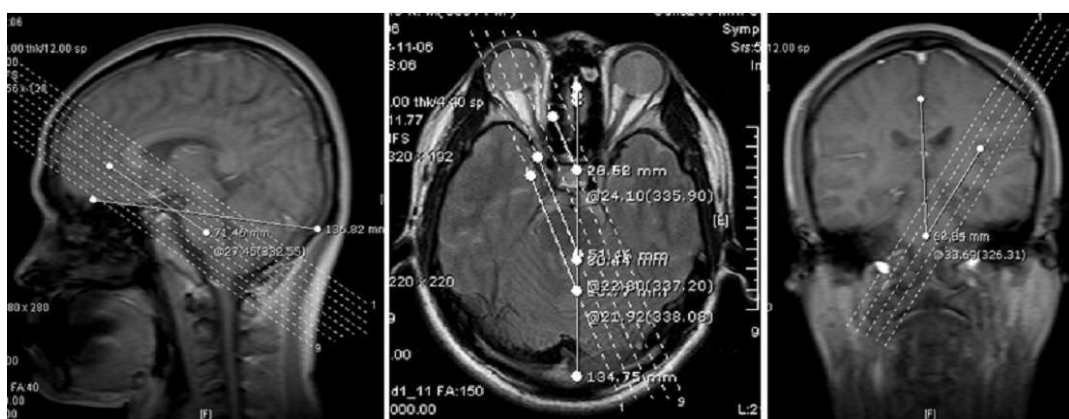
7a



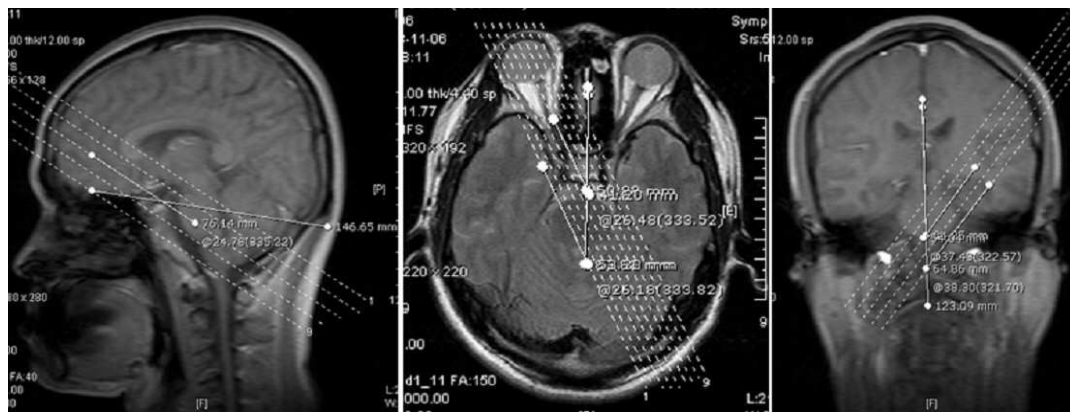
7b



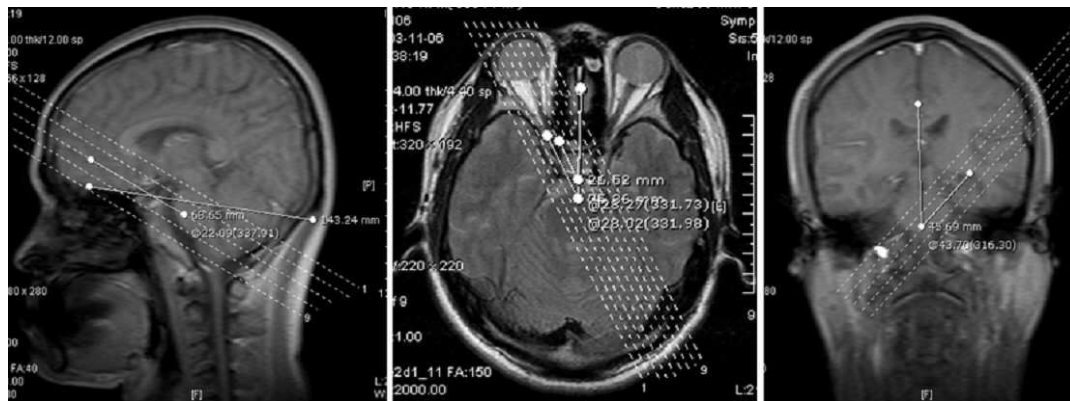
7c



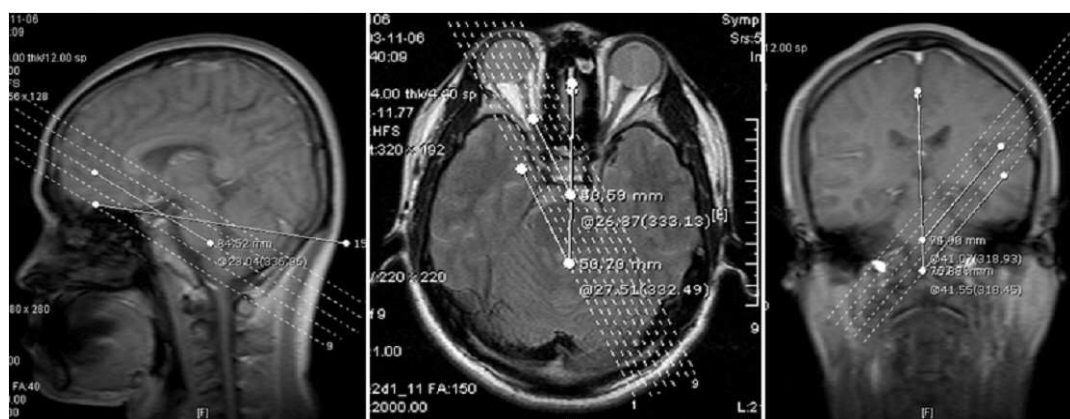
7d



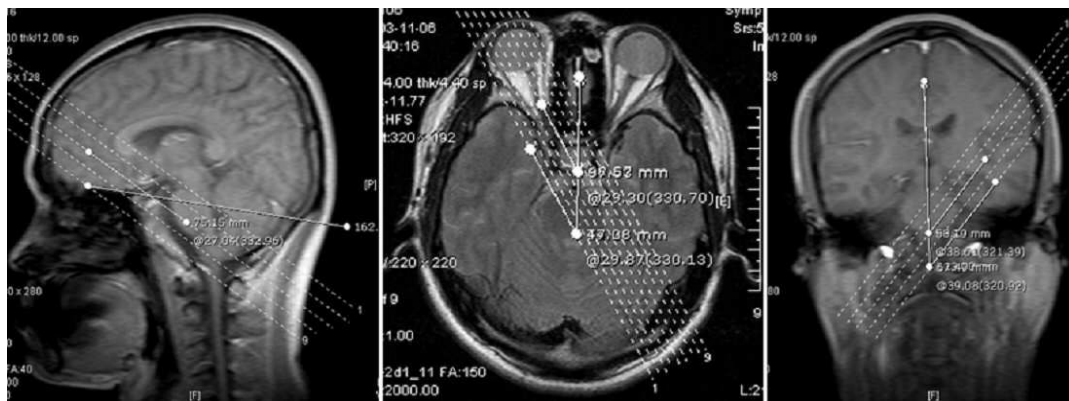
7e



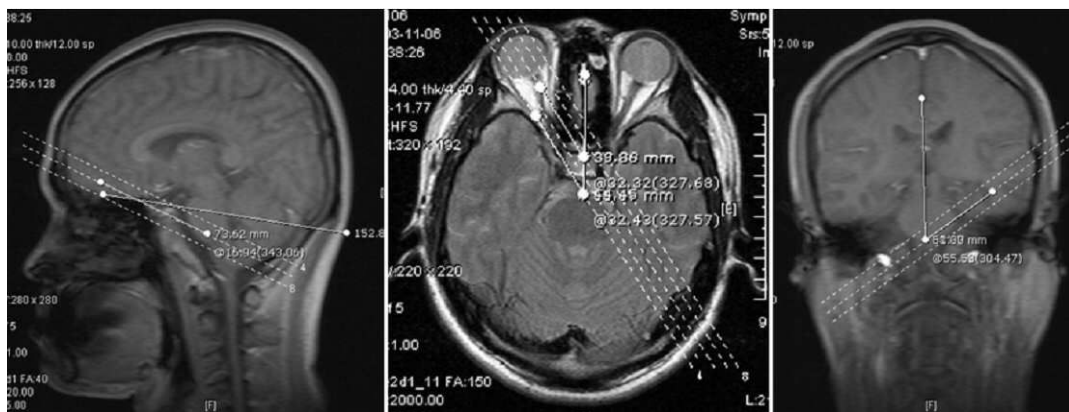
7f



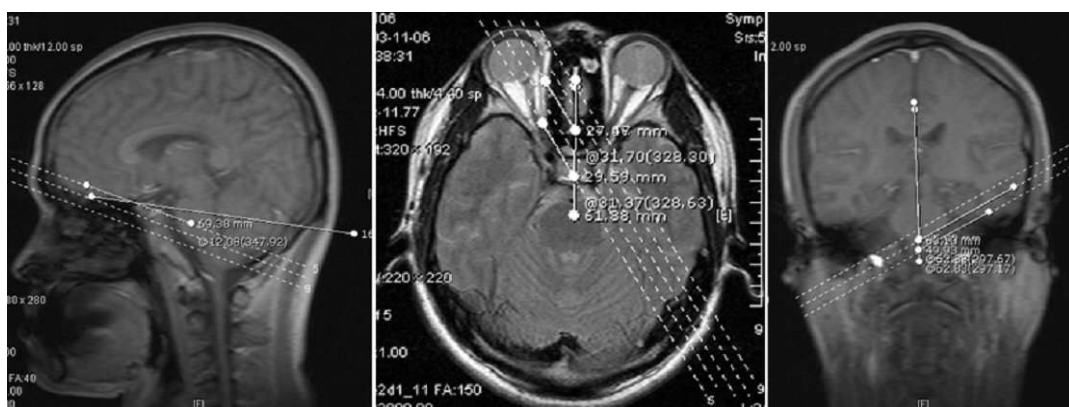
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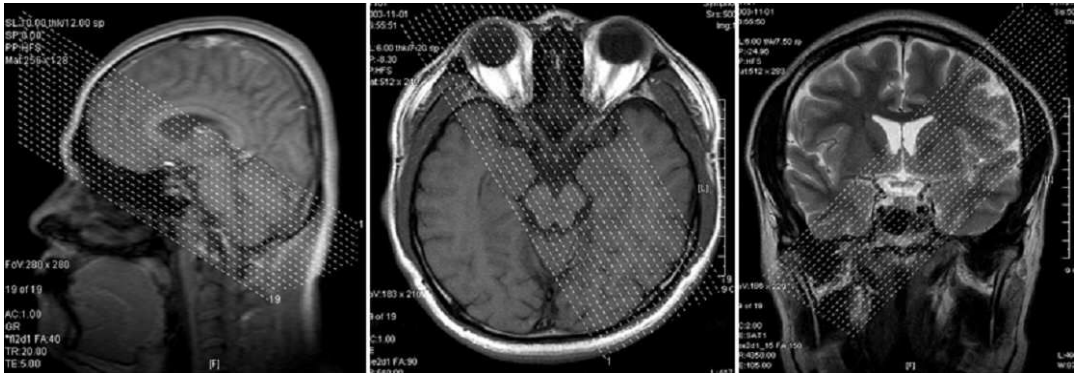
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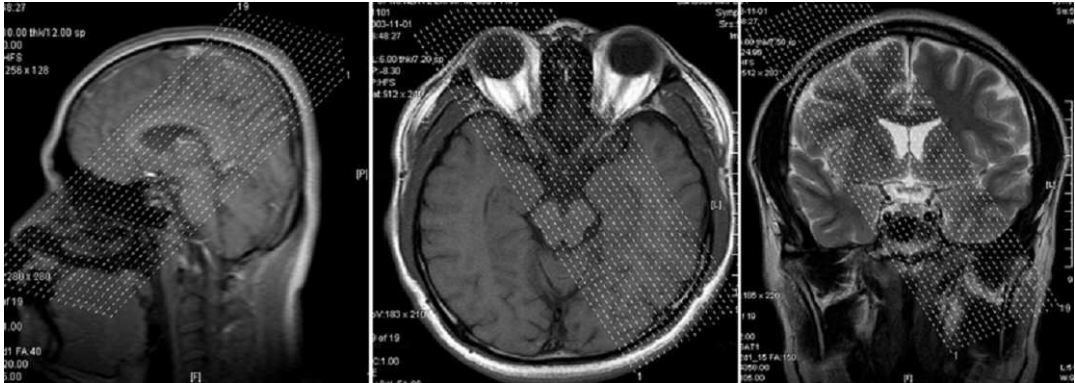
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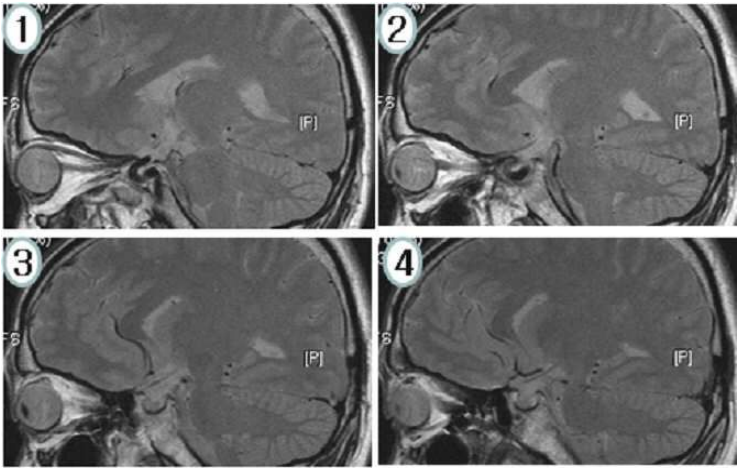
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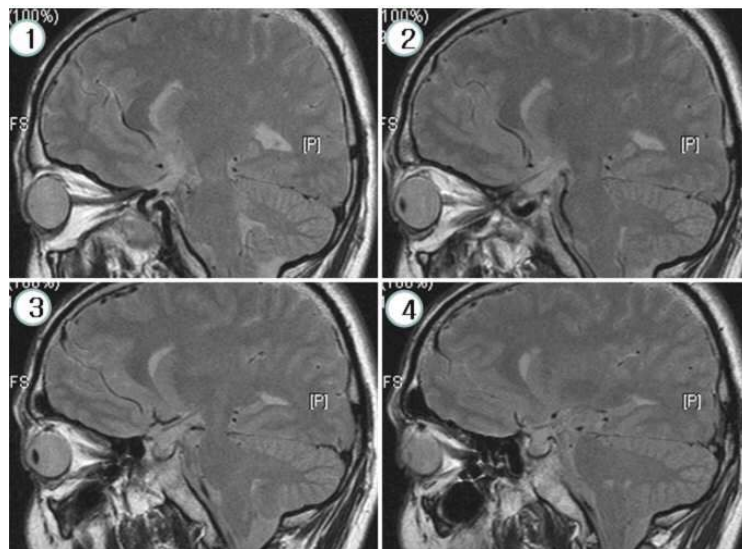
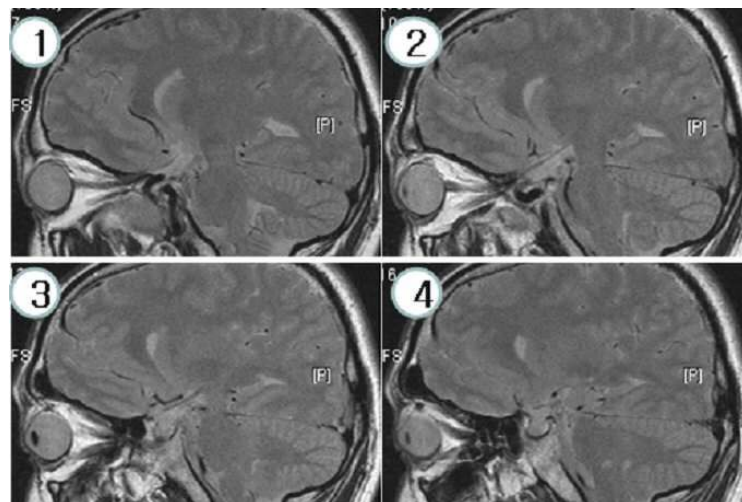


7k

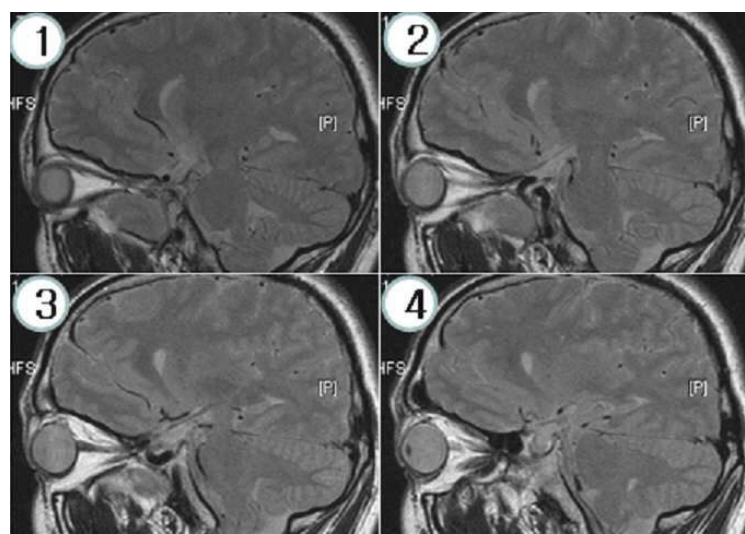


8a

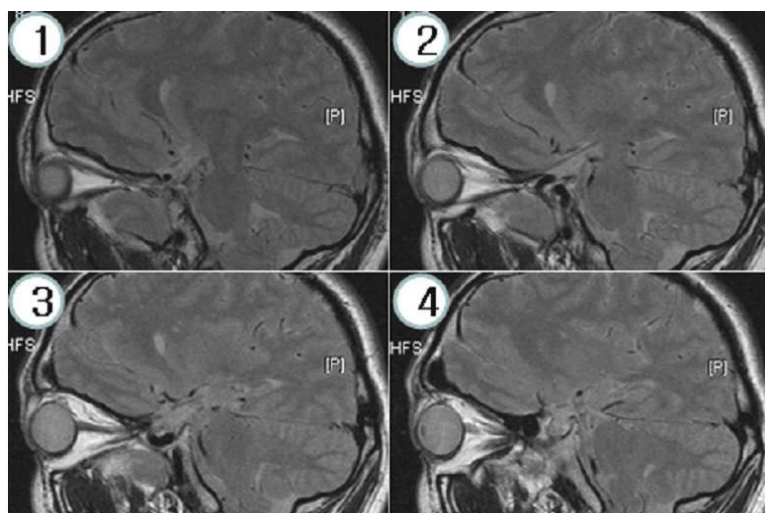


8b*8c*

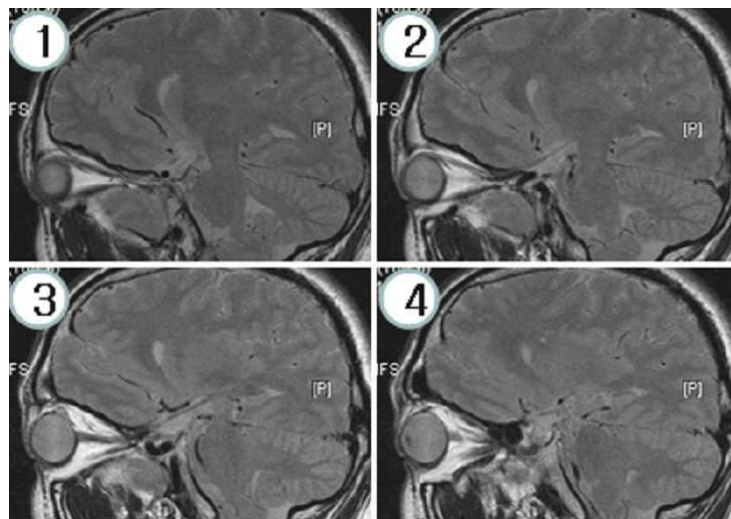
8d



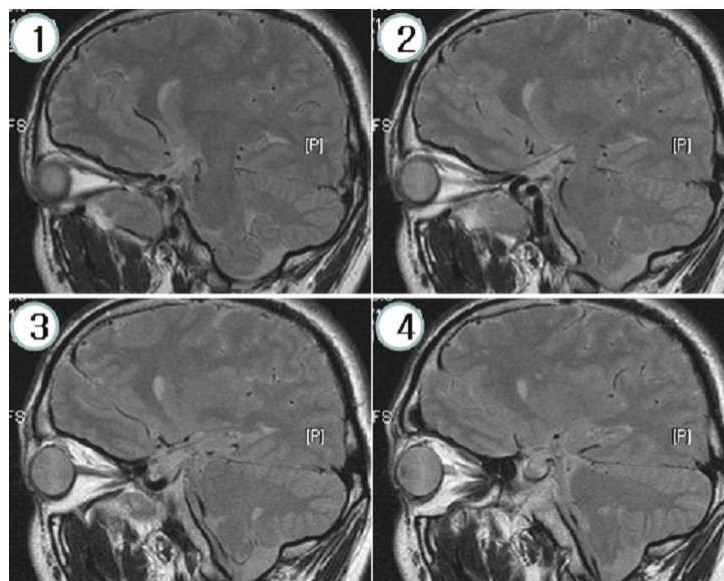
8e



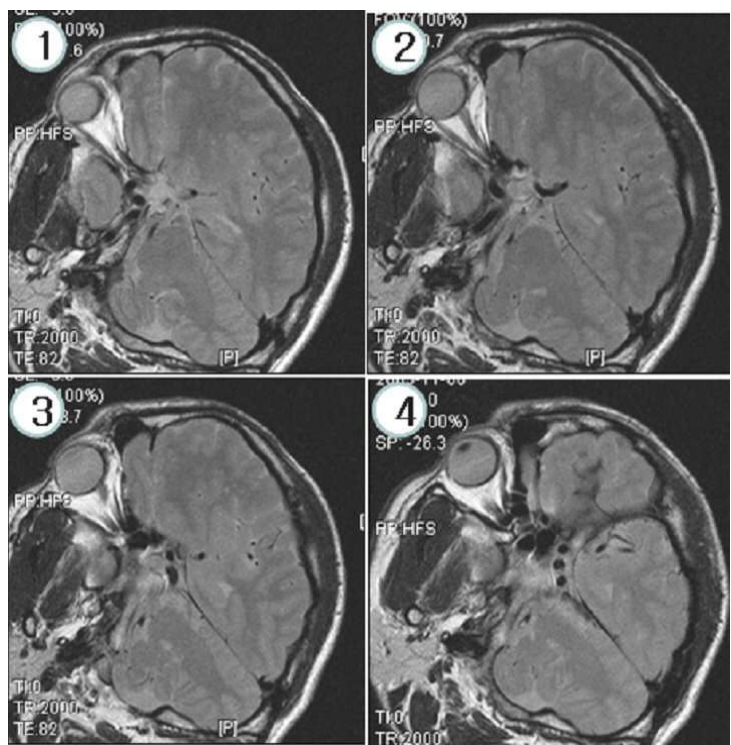
8f



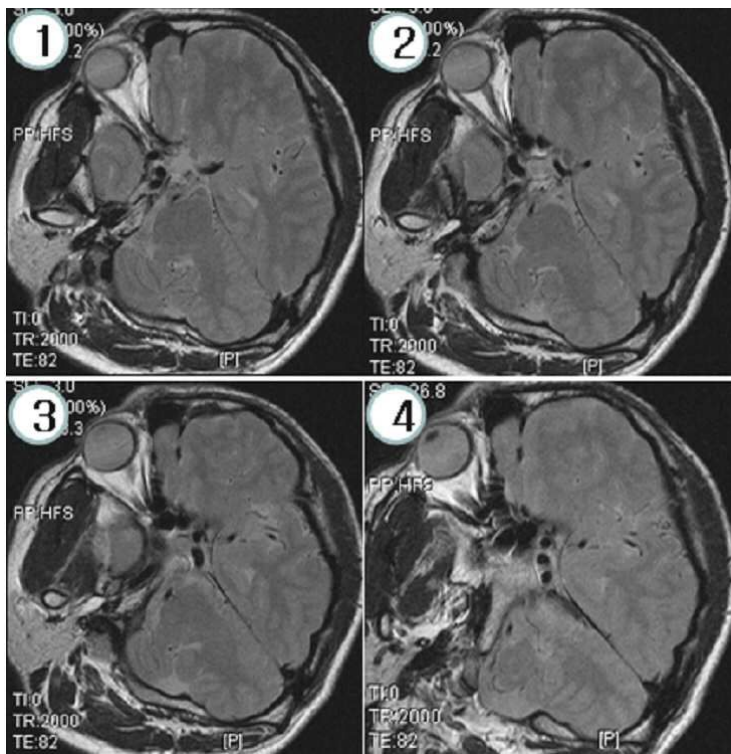
8g



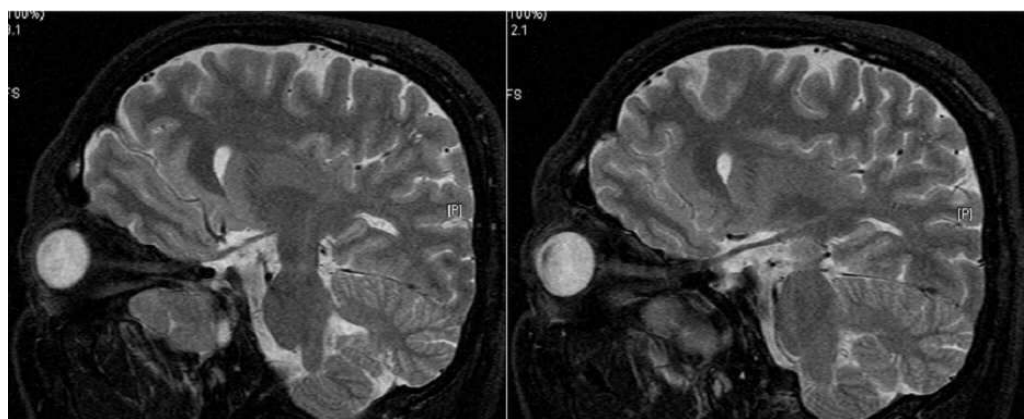
8h



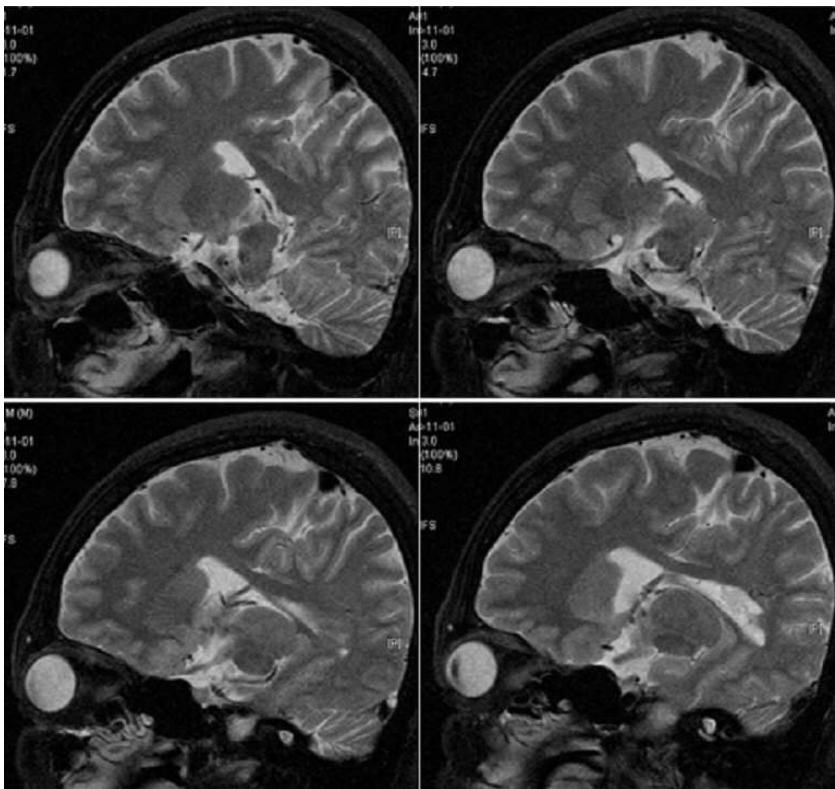
8i



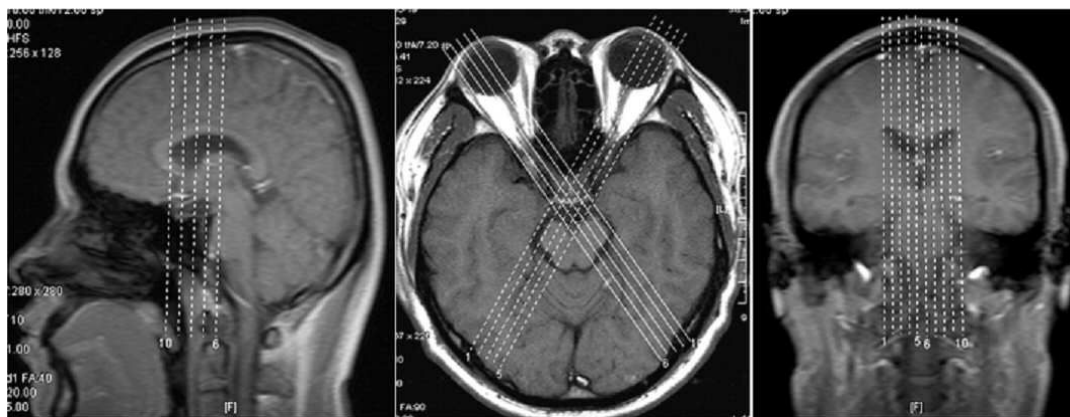
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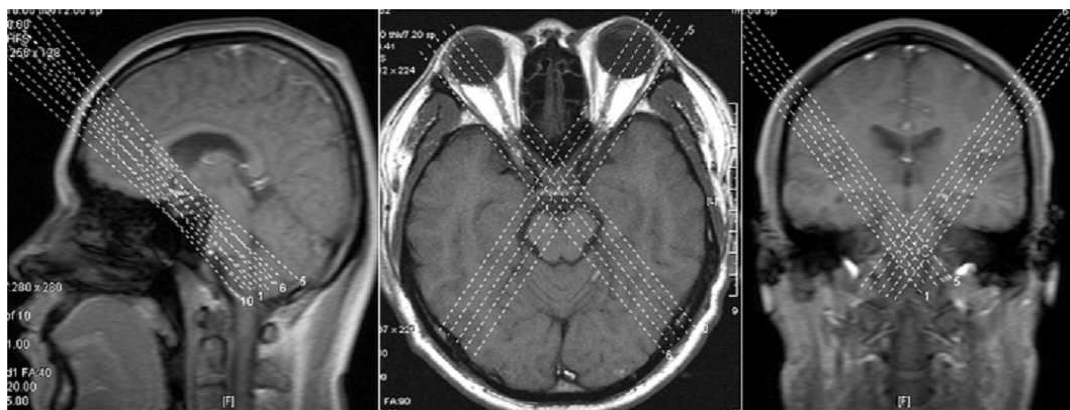
8k



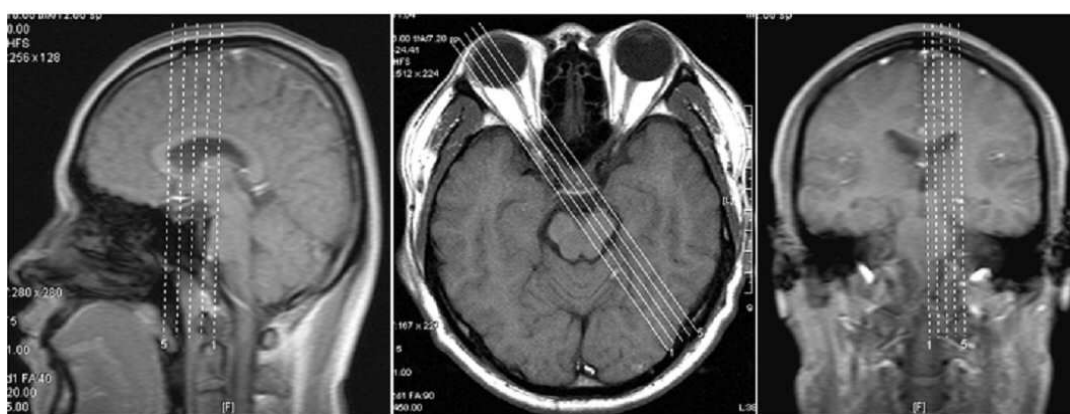
9a



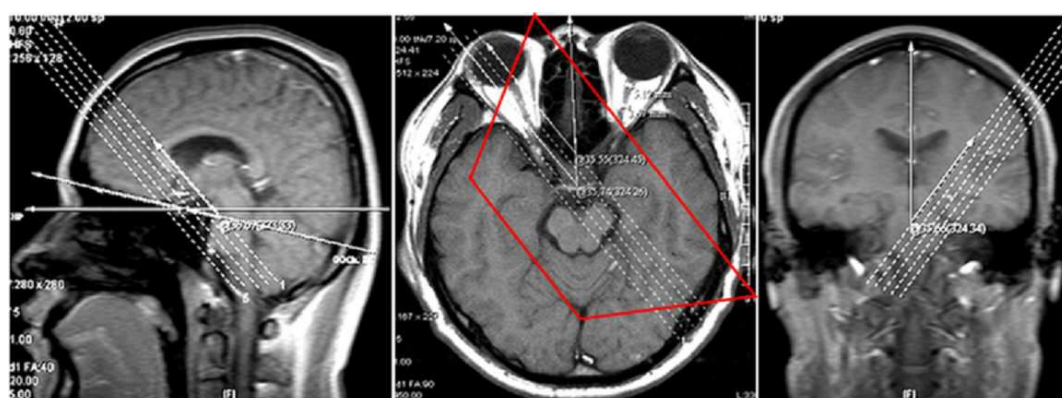
9b



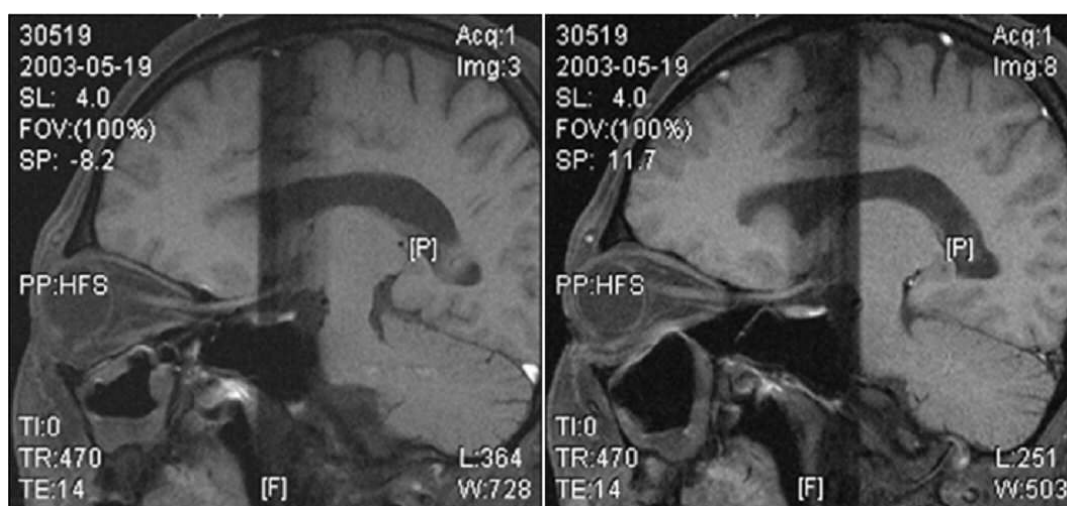
9c



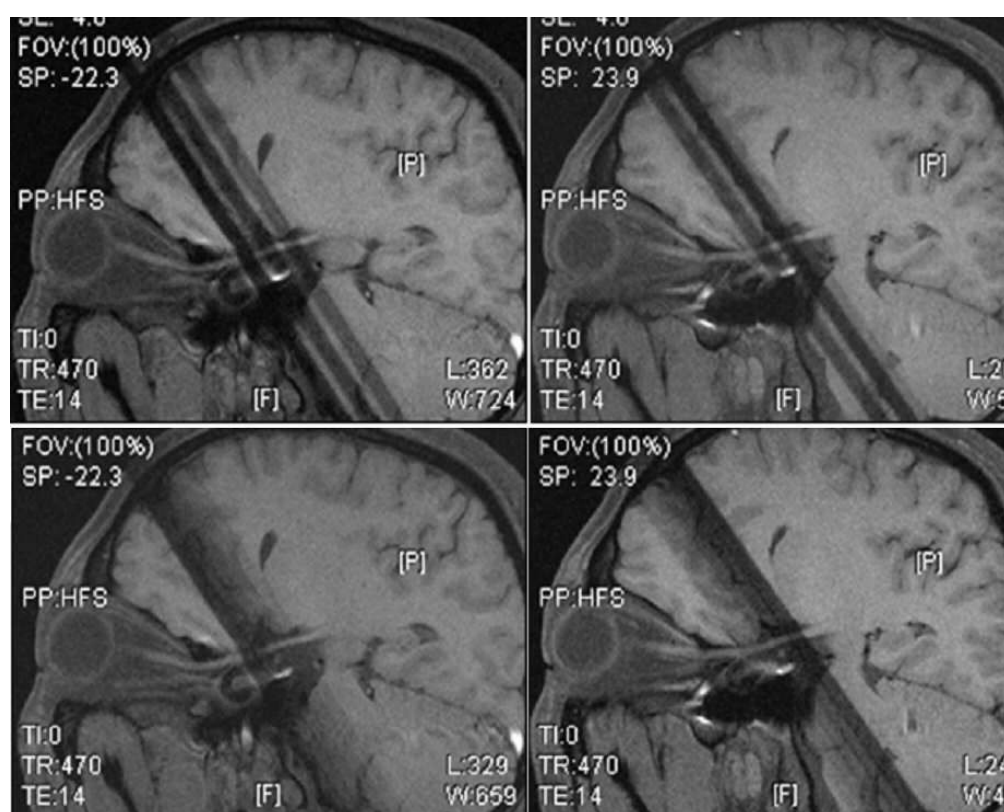
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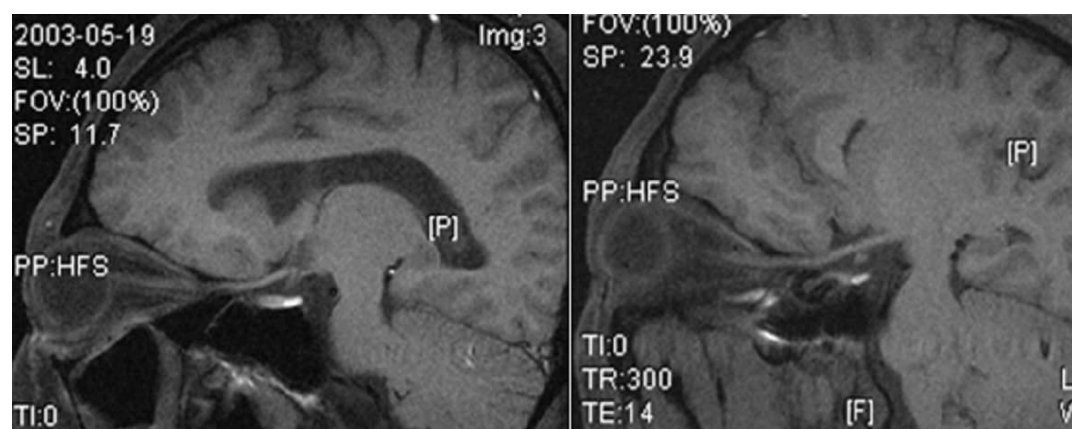
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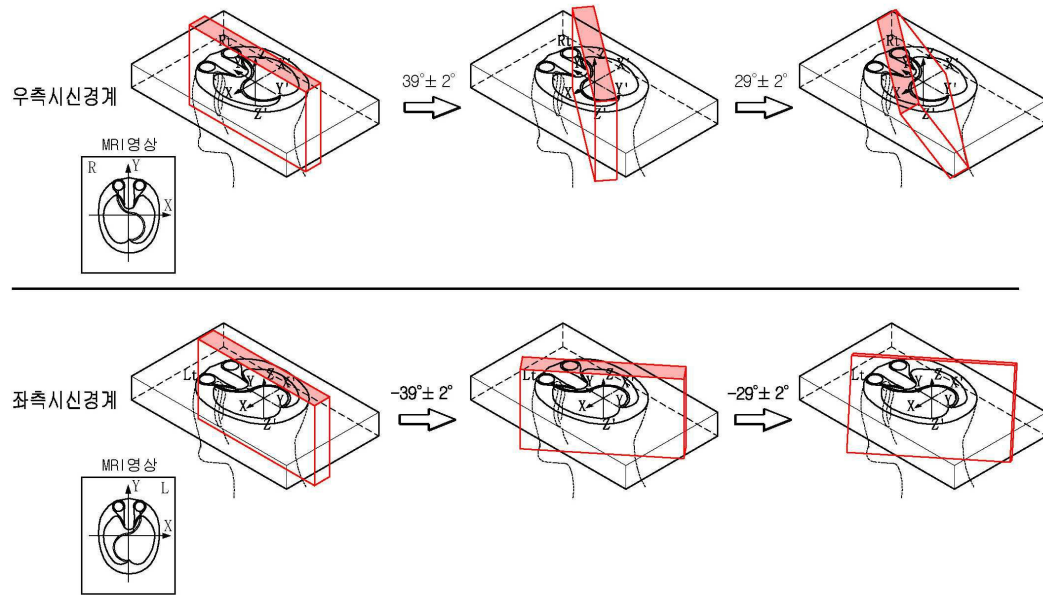
10b



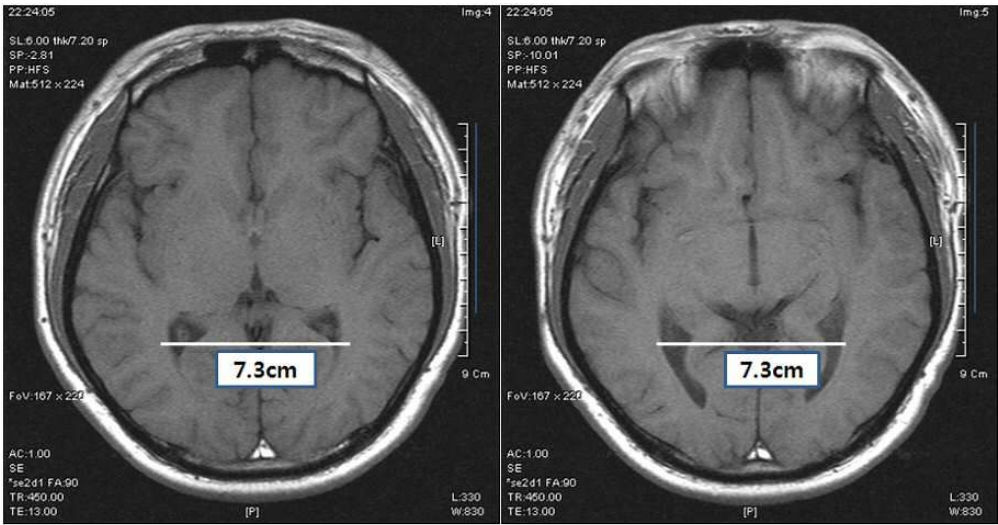
10c



11

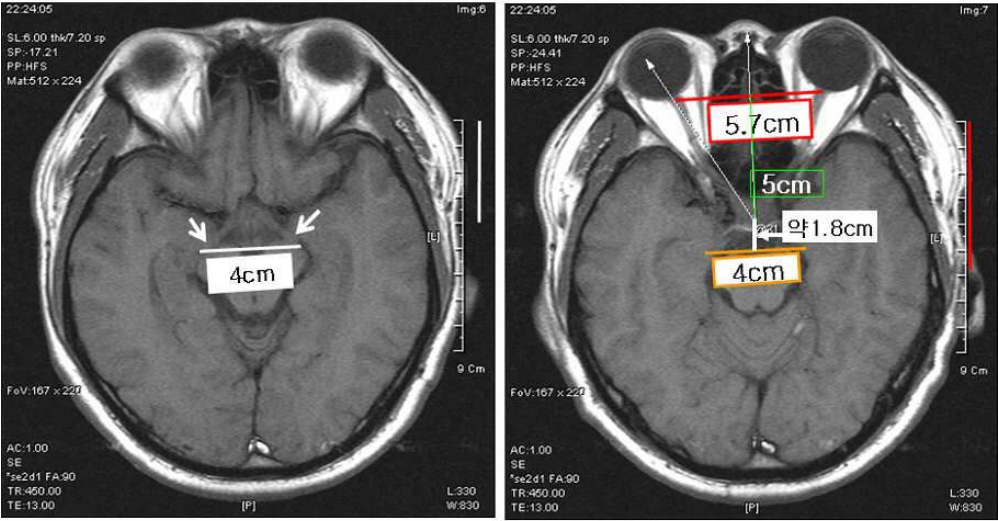


12



(A)

(B)



(C)

(D)