

RADYOLOJİ KİŞ OKULU 2019

4 -10 Şubat 2019
Mirage Park Otel, Antalya







OLGU

- 65 y E hasta
- *SVO*?

s: HEAD
c: HEAD
ic: AX T2 Propeller T2E
>>

0.0

s: HFS
c: HEAD
ic: AX T2 Propeller T2E
>>

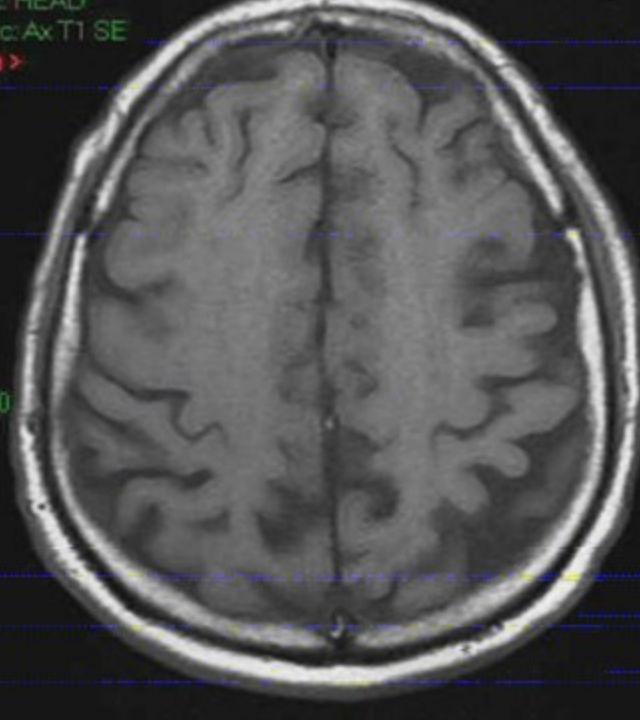
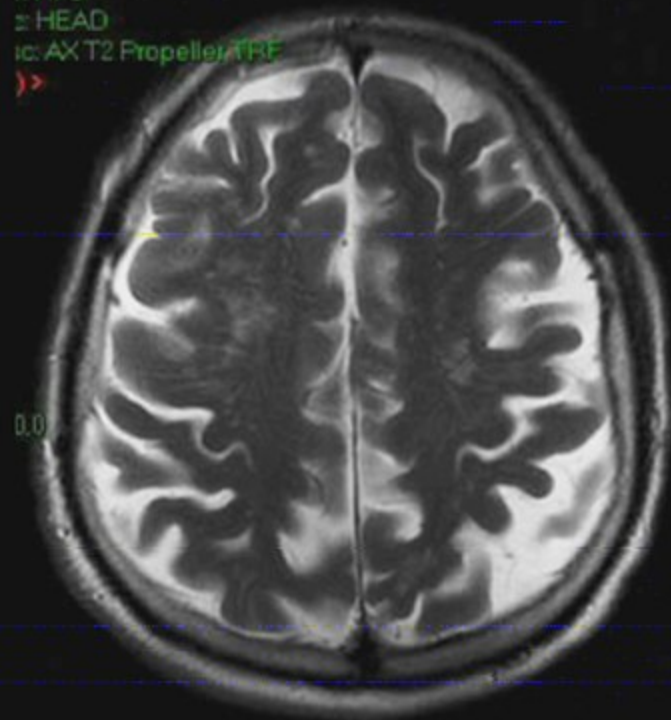
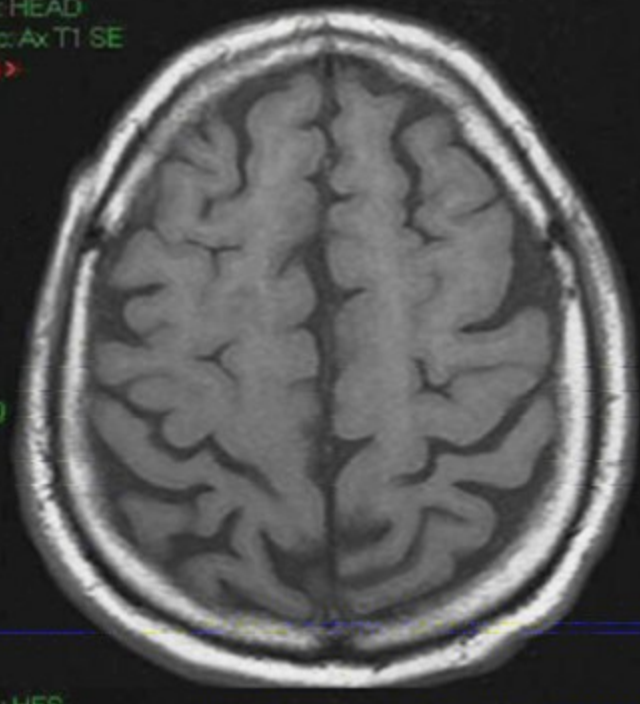
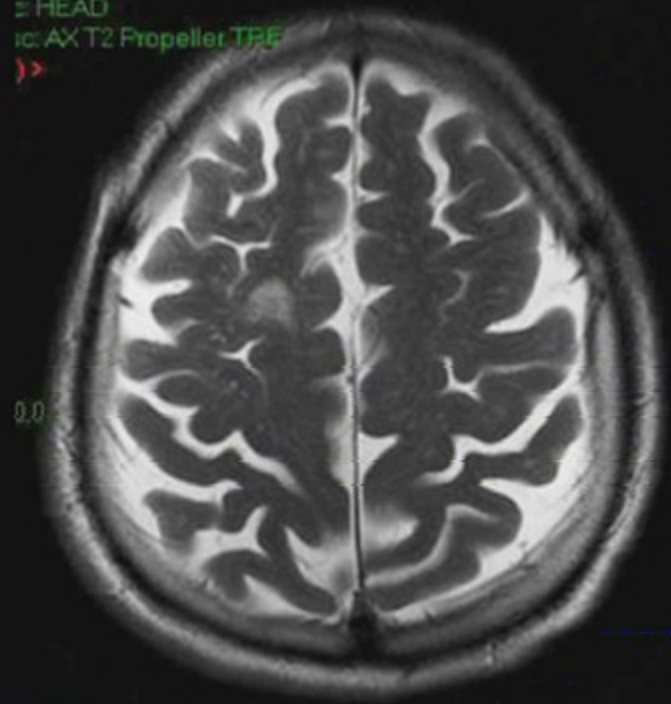
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s: HEAD
c: HEAD
ic: Ax T1 SE
>>

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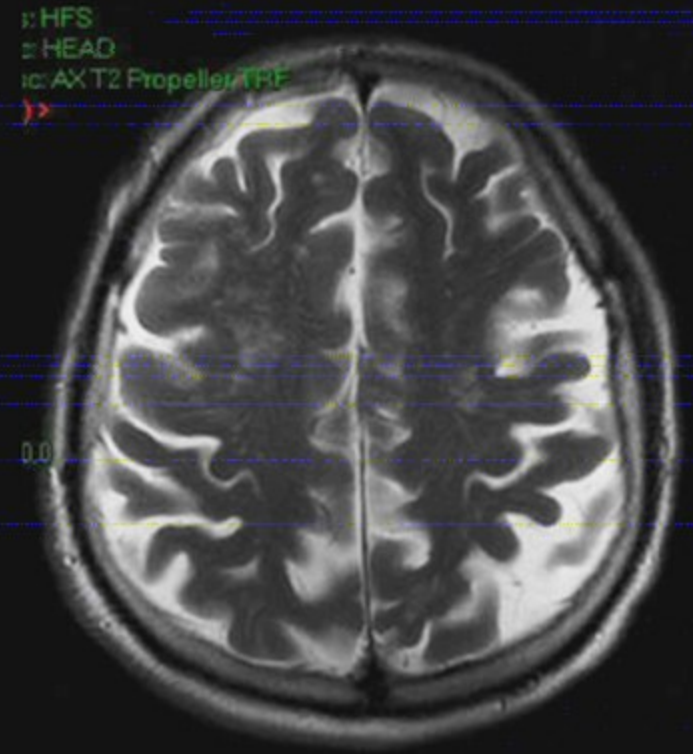
s: HFS
c: HEAD
ic: Ax T1 SE
>>

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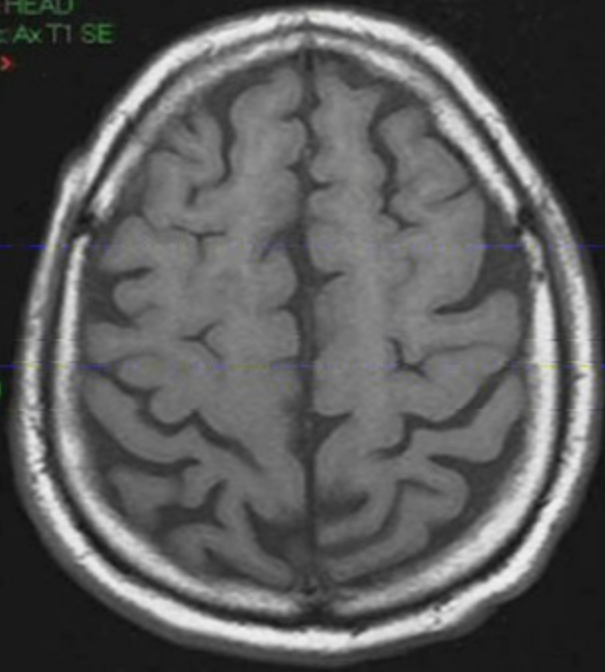
Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Kronik iskemik değişiklikler
- D. Metastaz



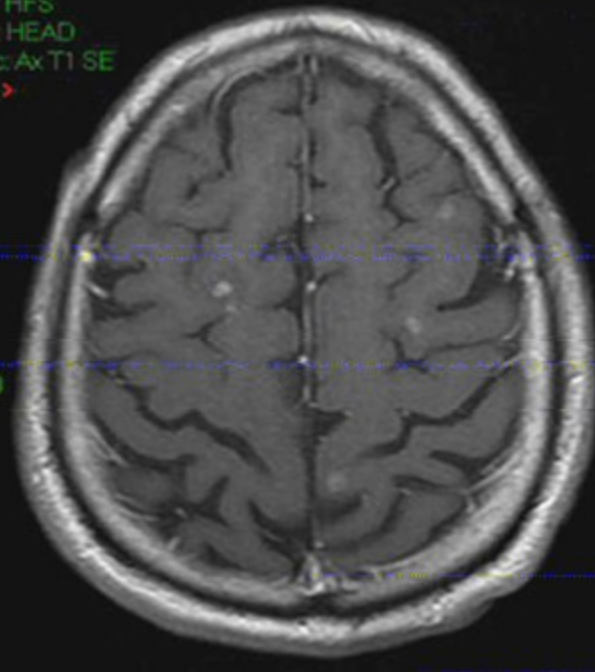
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c: HEAD
isc: Ax T1 SE
)>

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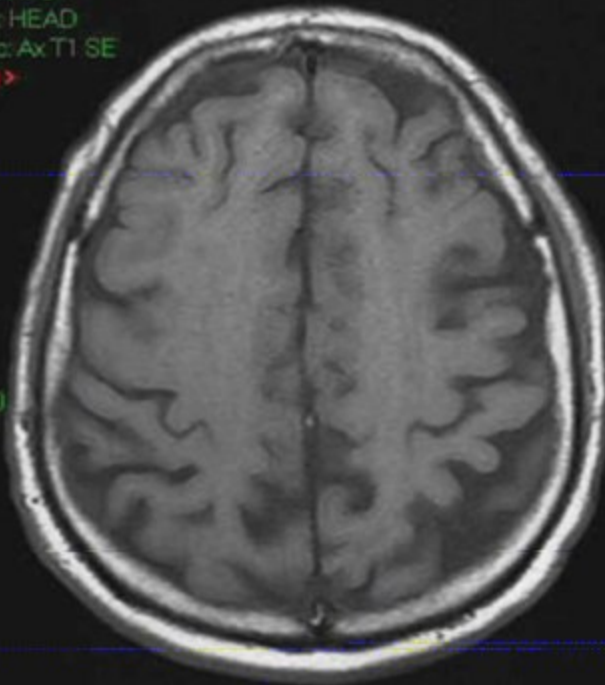
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c: HEAD
isc: Ax T1 SE
)>

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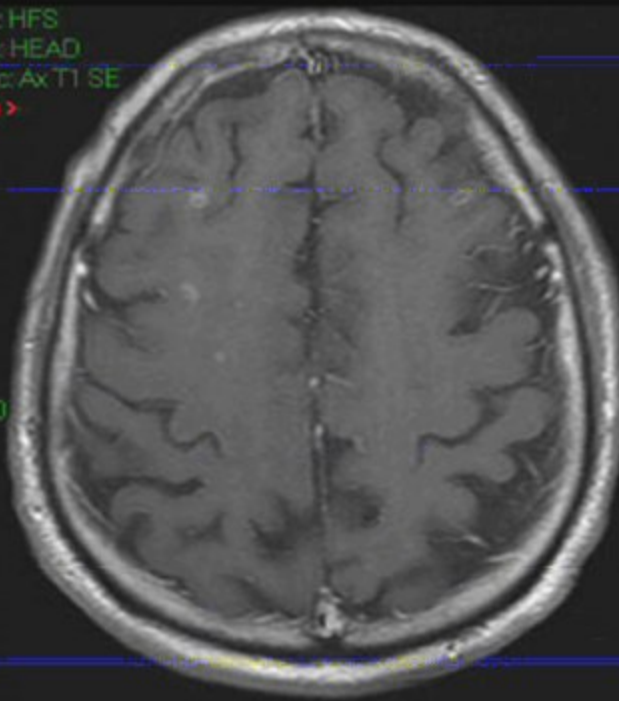
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c: HEAD
isc: Ax T1 SE
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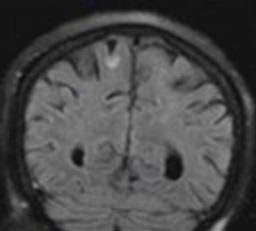
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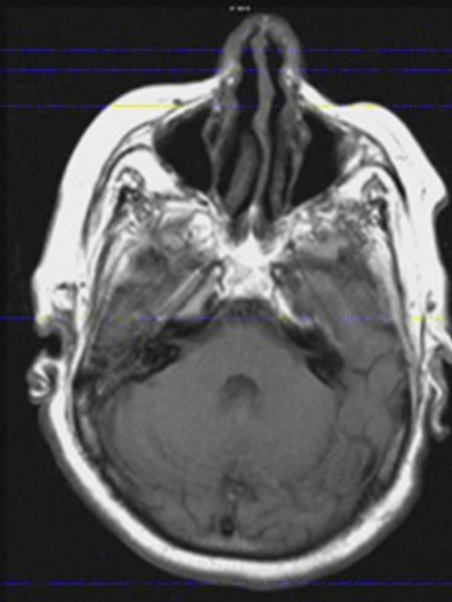
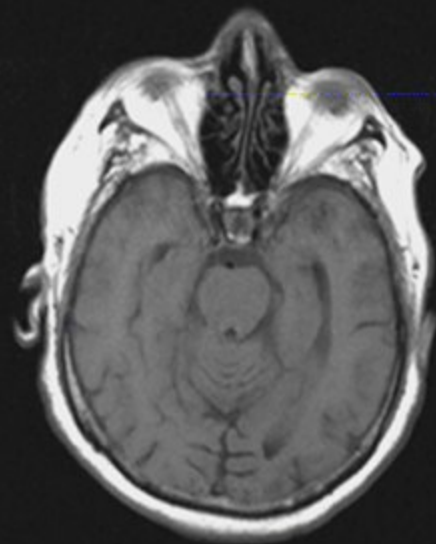
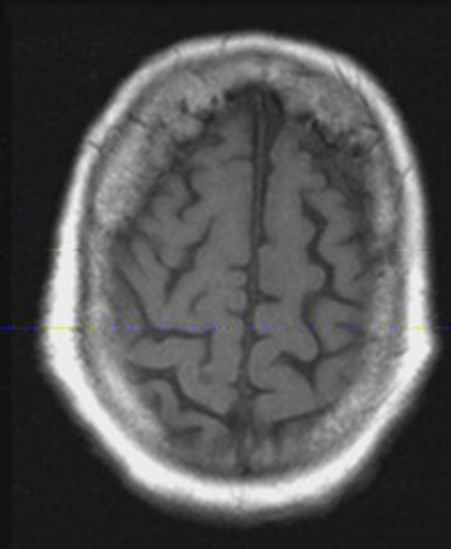
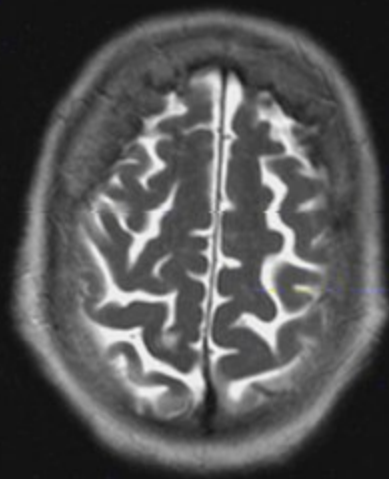
0.110
c: HEAD
isc: Ax T1 SE
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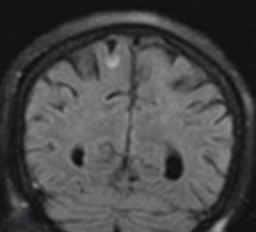
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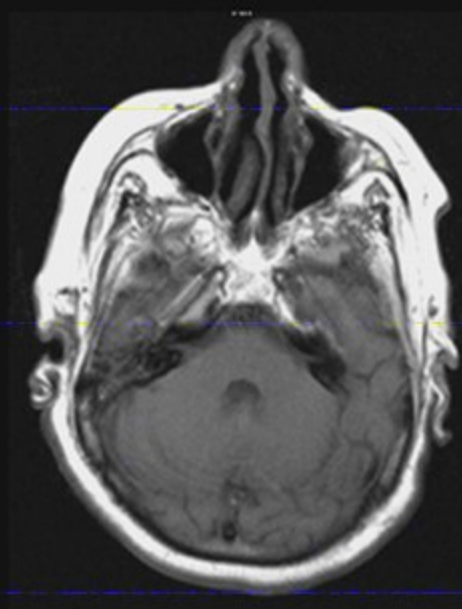
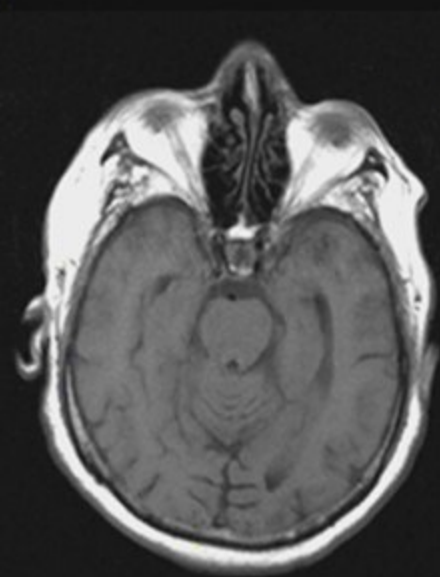
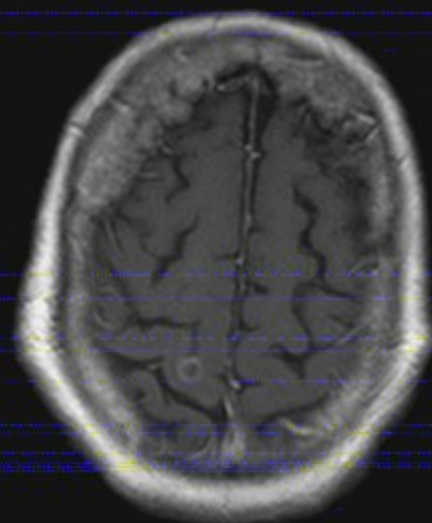
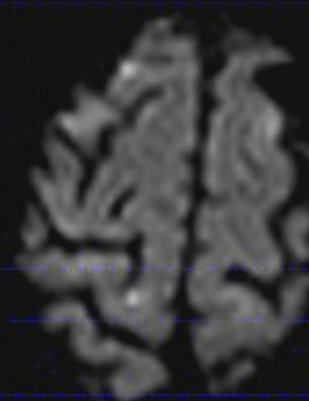
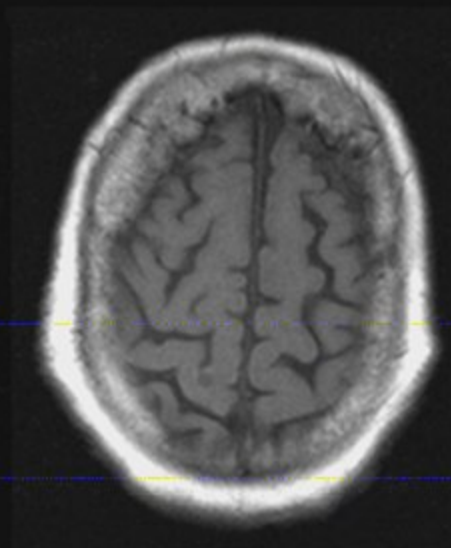
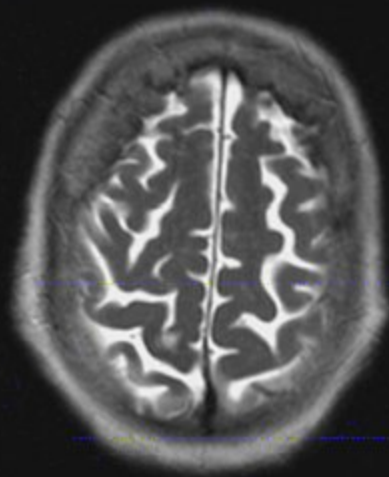


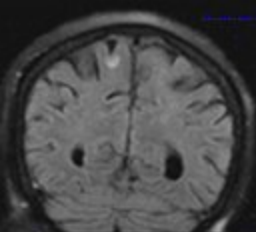
60y F, facial nerve paralysis



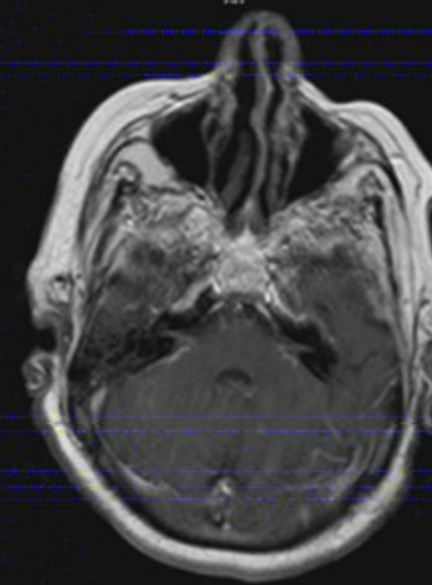
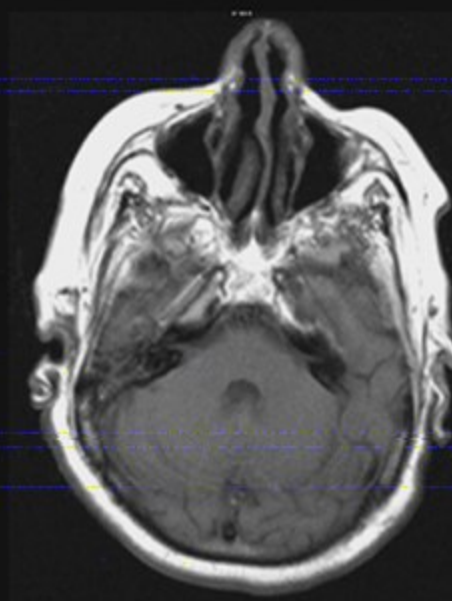
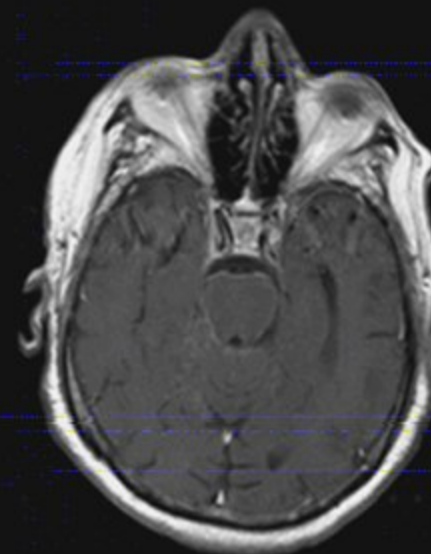
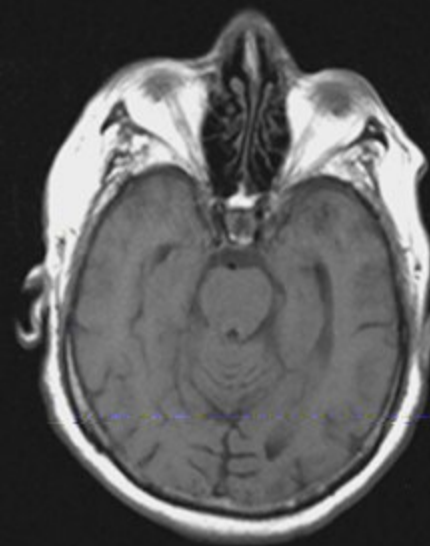
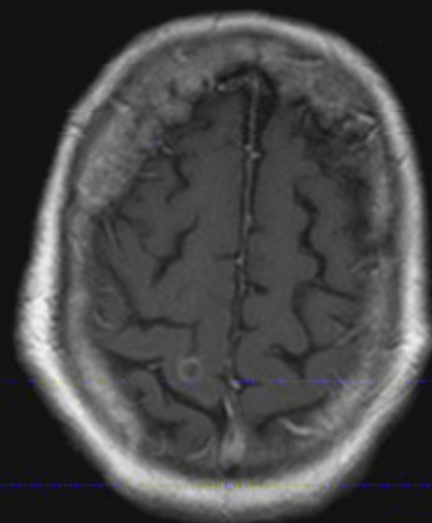
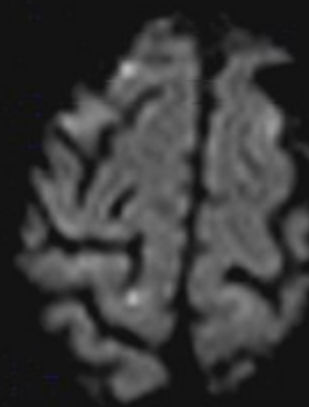
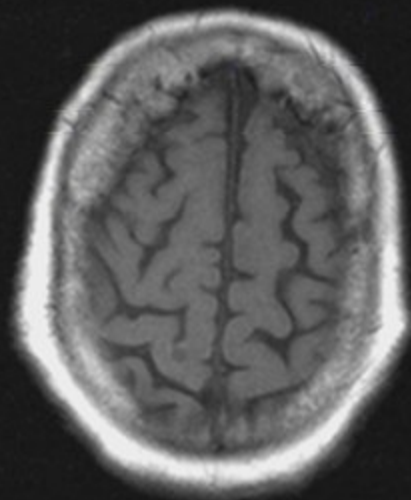
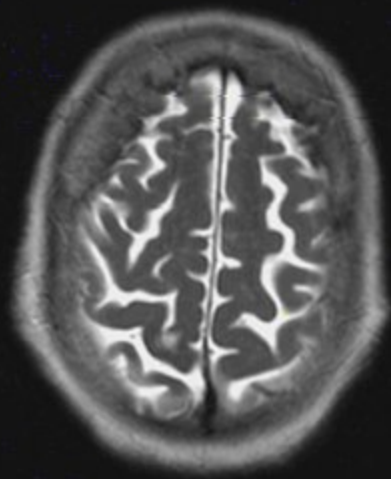


60y F, facial nerve paralysis





60y F, facial nerve paralysis



OLGU

- 57 y K hasta
- Opere Meme ca
- Sırt ağrısı

Sc

Volume 2/Volume 1

MER

50

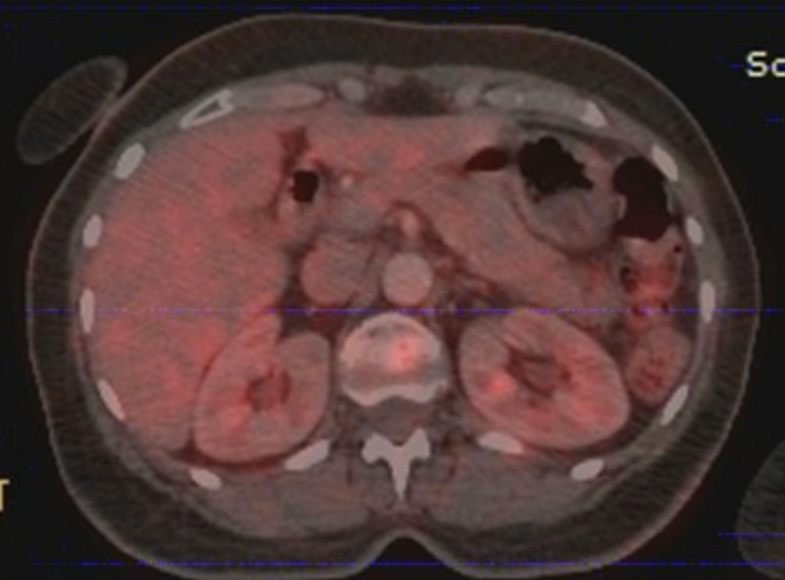
359
47 kBq/ml I 890

23.05



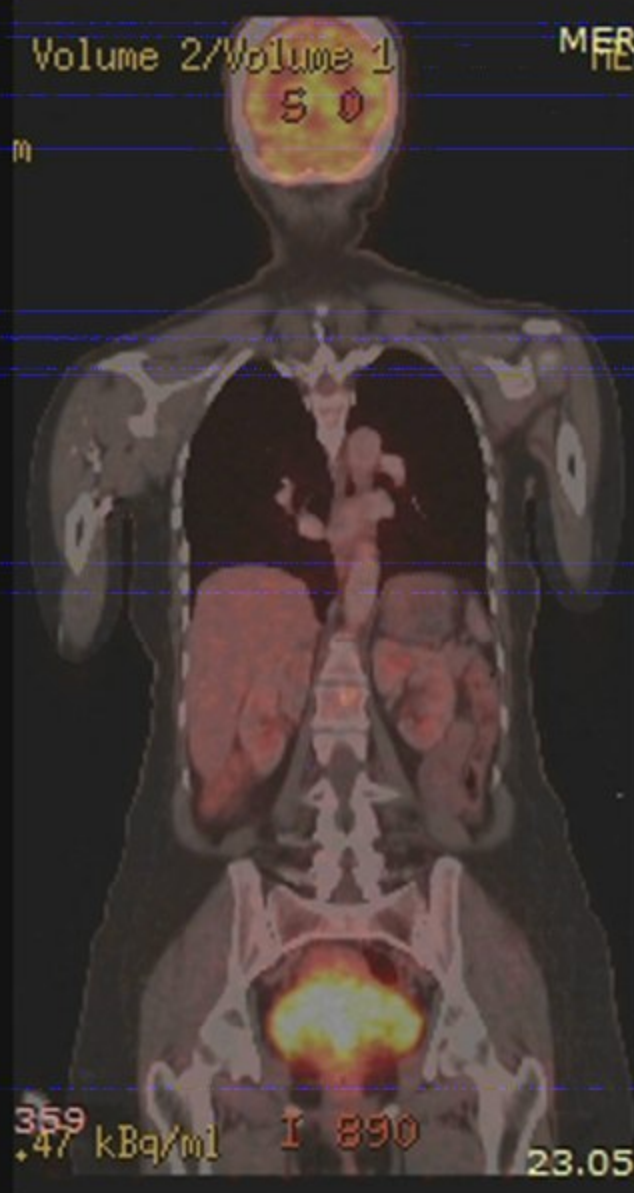
OLGU

- 57 y K hasta
- Opere Meme ca
- Sırt ağrısı



Volume 2/Volume 1
50

MER
HE





Sc

Volume 2/Volume 1
50

MER
HE

m

359
47 kBq/ml I 890

23.05



Type:DERIVED/SECONDARY/REI

RefPhys:Prof.Dr. H.HUDAVER





Type:DERIVED/SECONDARY/REI

RefPhys:Prof.Dr. H.HUDAVER

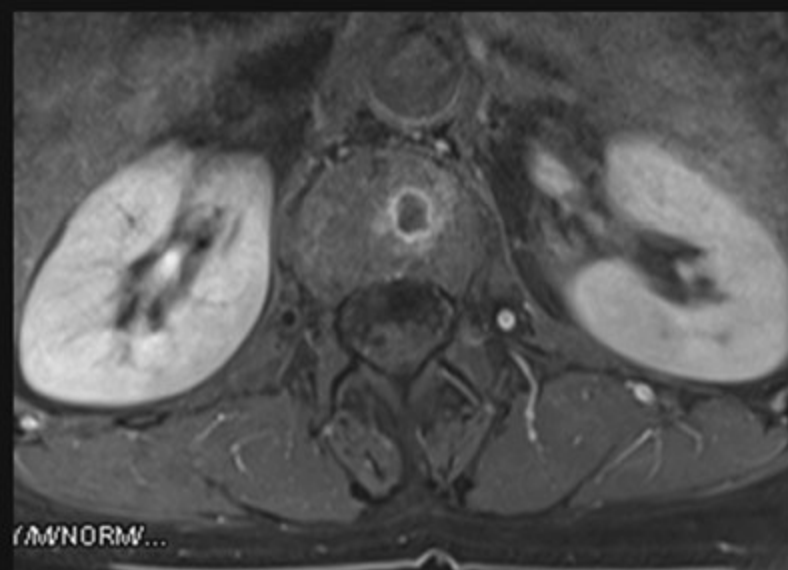




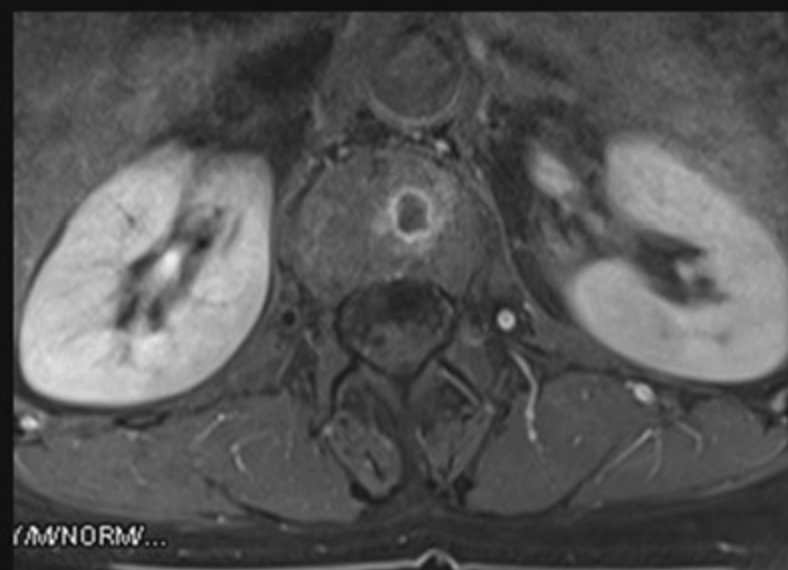
Tanınız nedir?

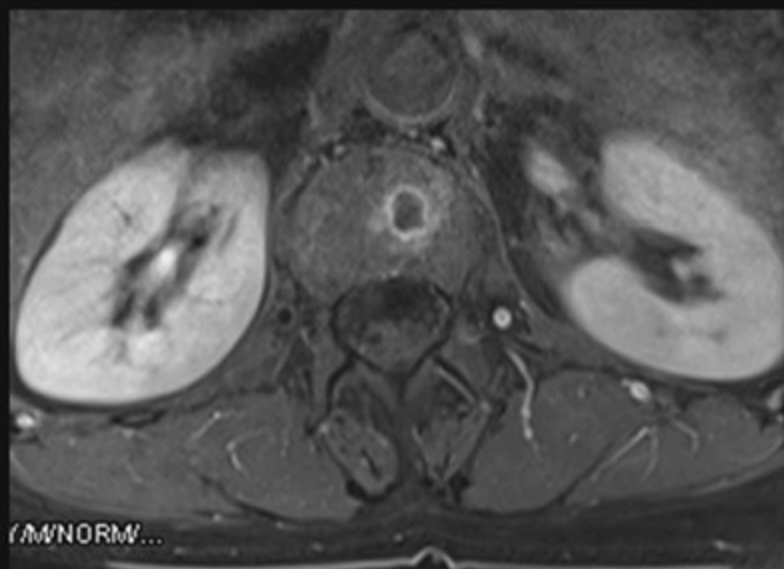
- A. Metastaz
- B. Başka bişey







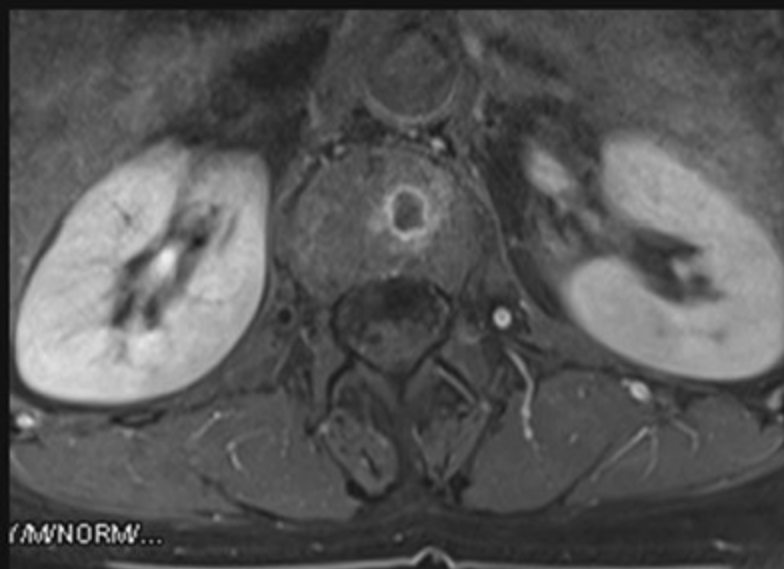




Schmorl Nodülü (İntersomatik herniasyon)

OLGU

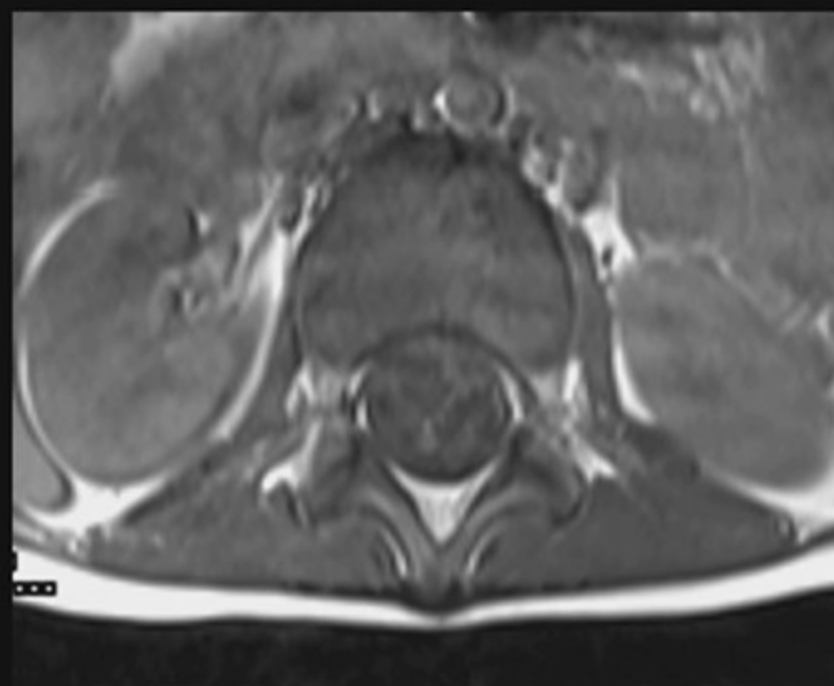
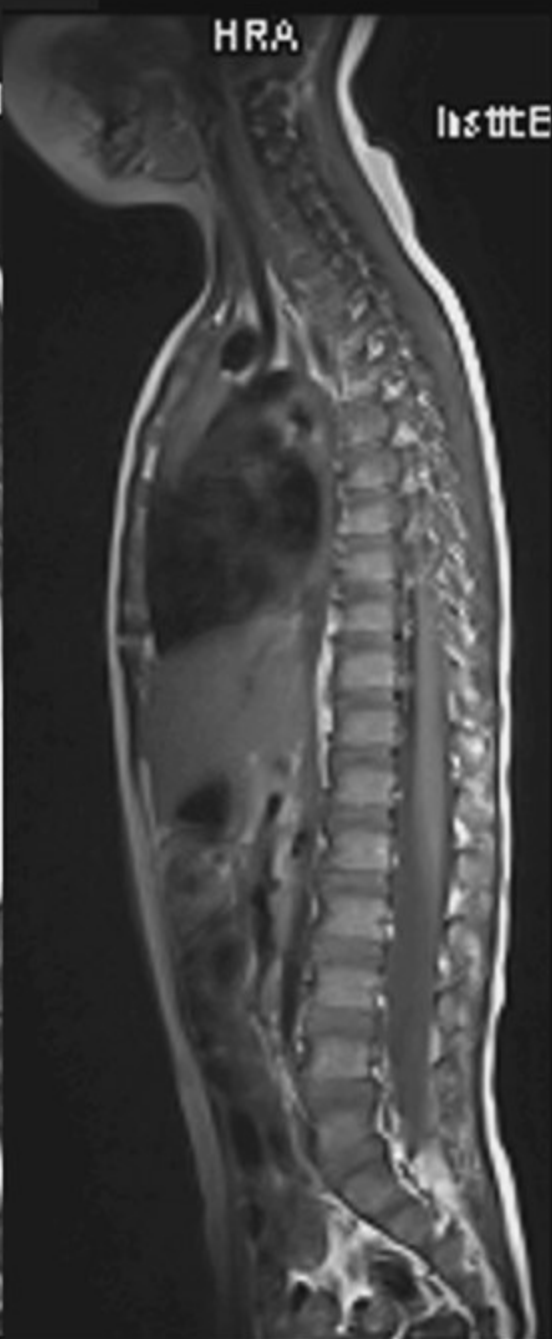
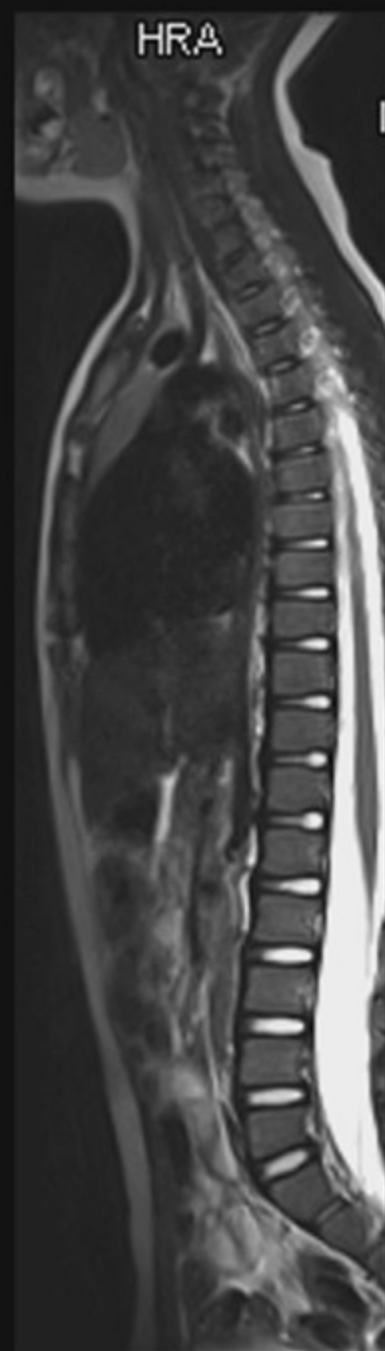
- 5y E,
- 2 gündür ilerleyici paraparezi
- Lomber MRG→



Schmorl Nodülü (İntersomatik herniasyon)

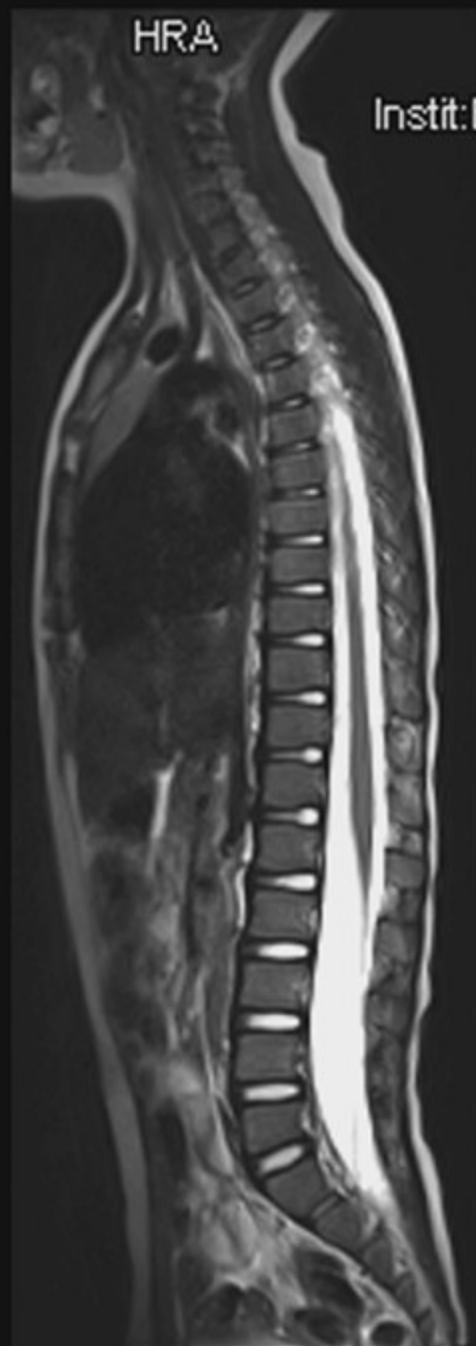
OLGU

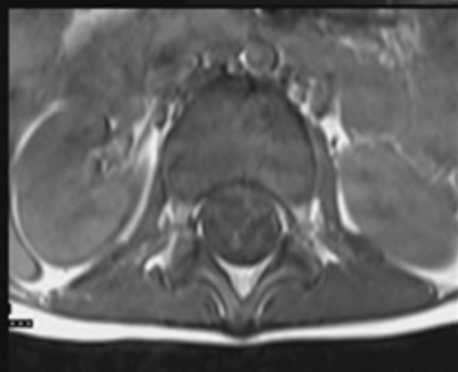
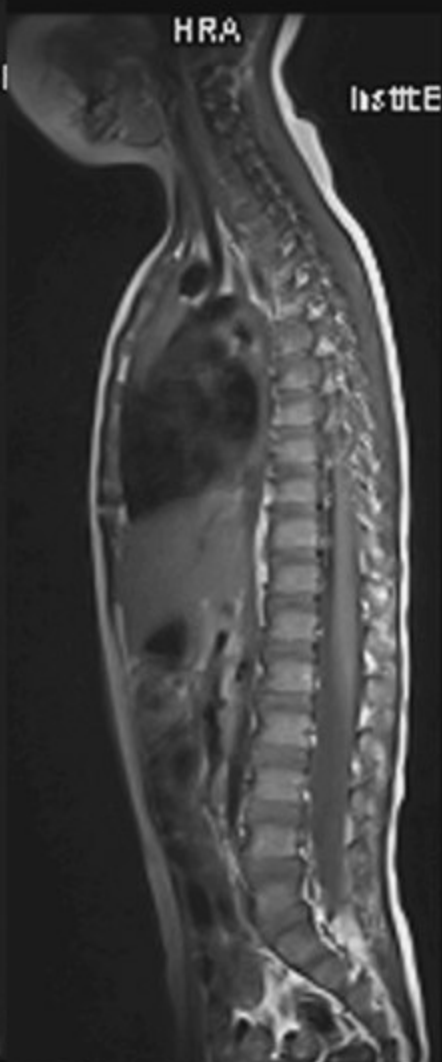
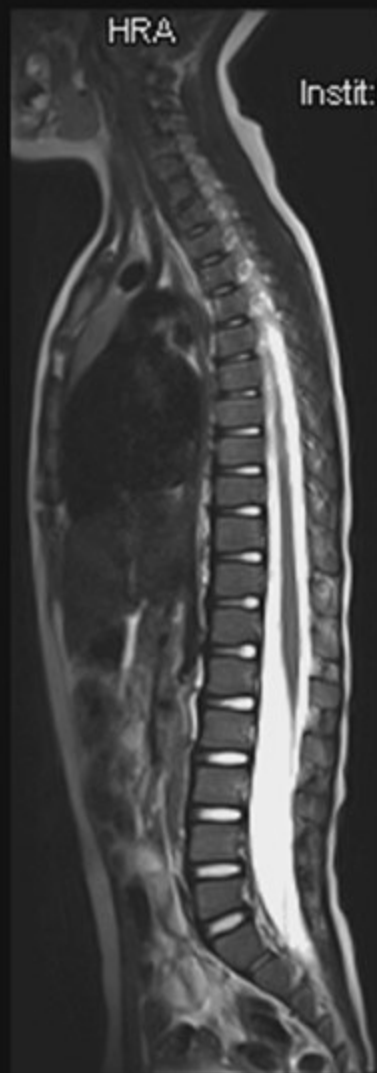
- 5y E,
- 2 gündür ilerleyici paraparezi
- Lomber MRG→

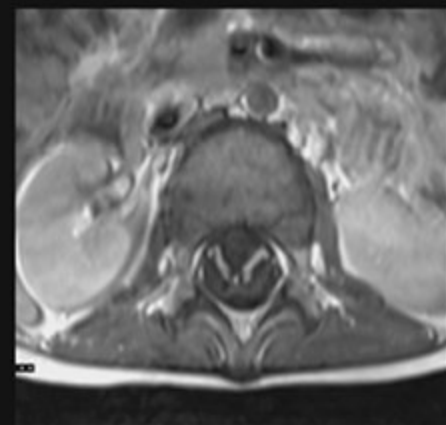
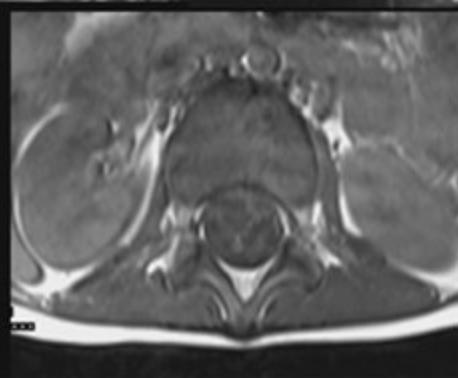
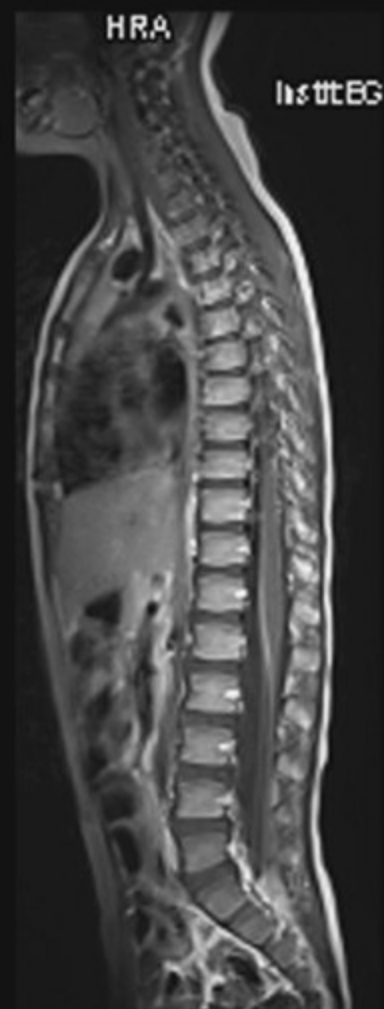
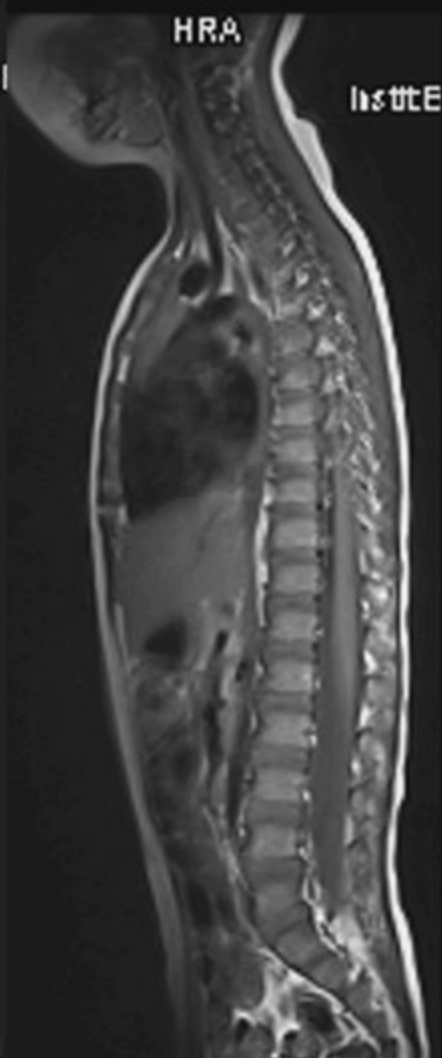


Tanınız nedir?

- A. Normal
- B. ADEM
- C. Kitle
- D. Guillian Bare
- E. Bilemedim

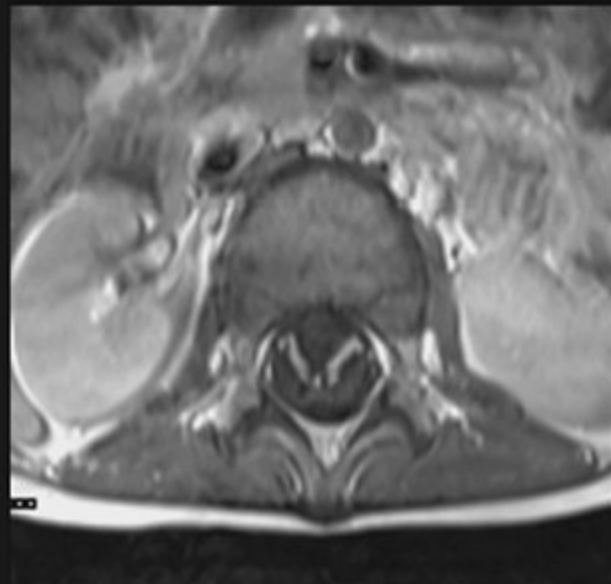
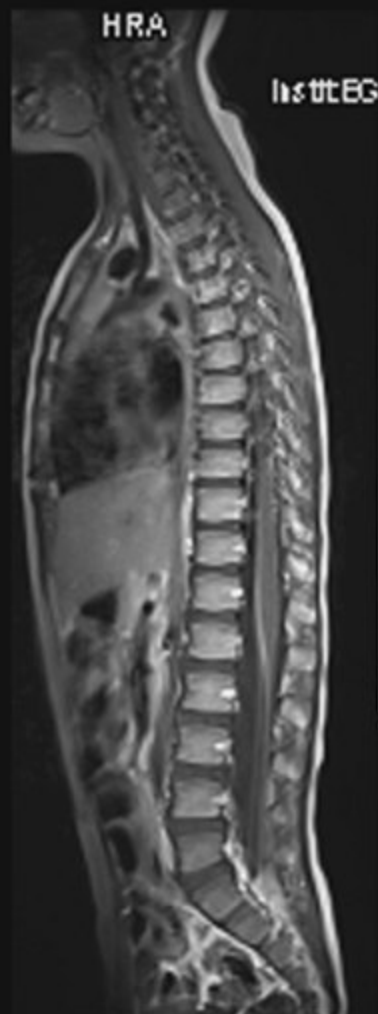






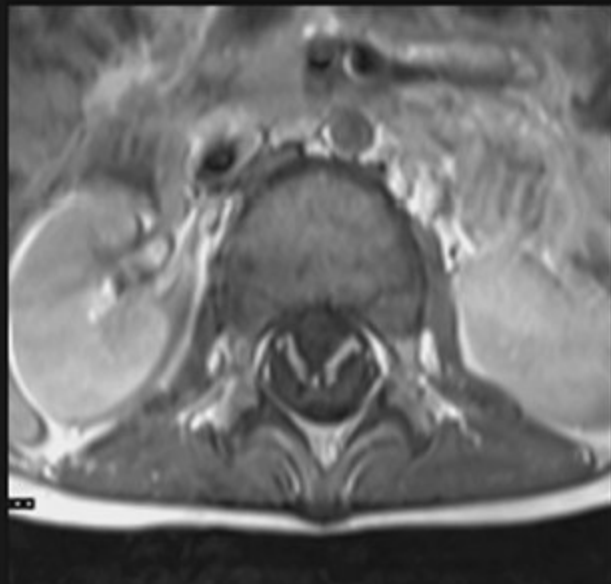
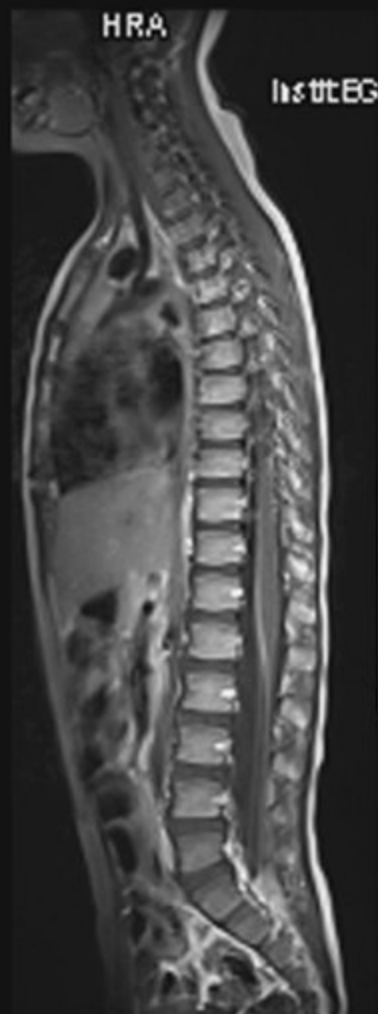
Tanınız değişti mi?

- A. Normal
- B. ADEM
- C. Kitle
- D. Guillian Bare
- E. Bilemedim



Tanınız değişti mi?

- A. Normal
- B. ADEM
- C. Kitle
- D. Guillian Bare
- E. Bilemedim

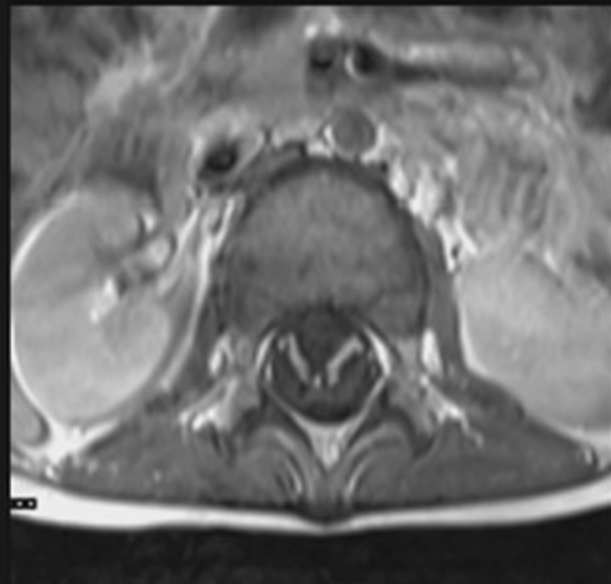
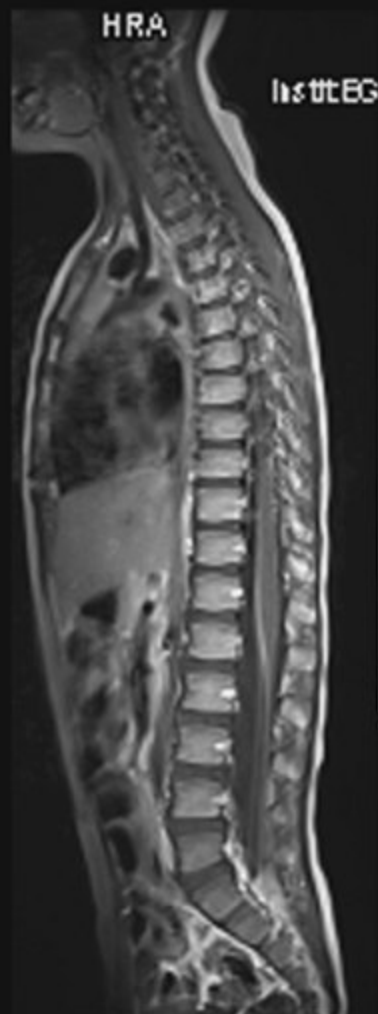


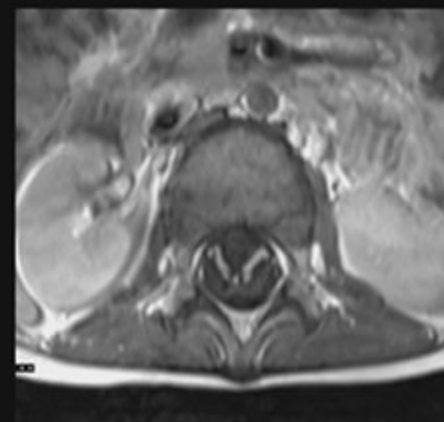
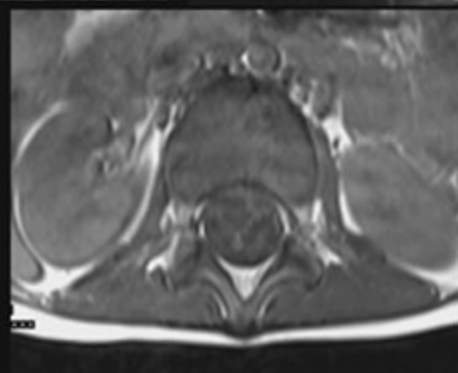
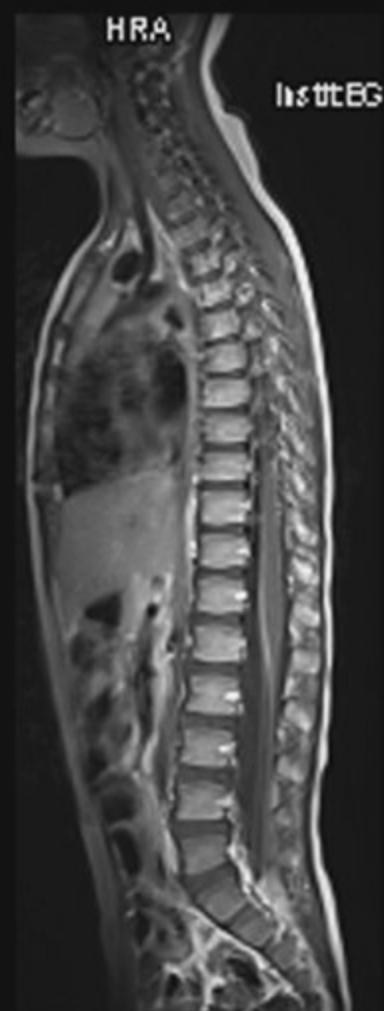
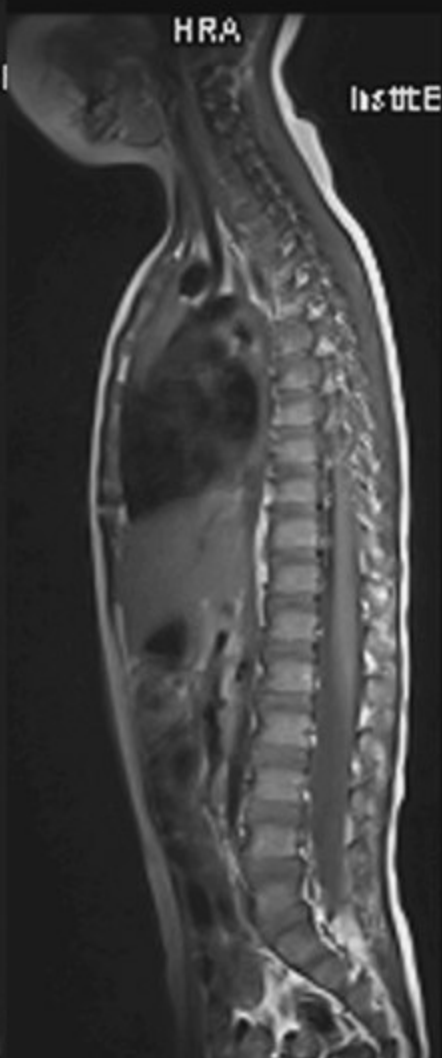
OLGU

- 48 y K,
- Motor nöbet
- Kranial MRG→

Tanınız değişti mi?

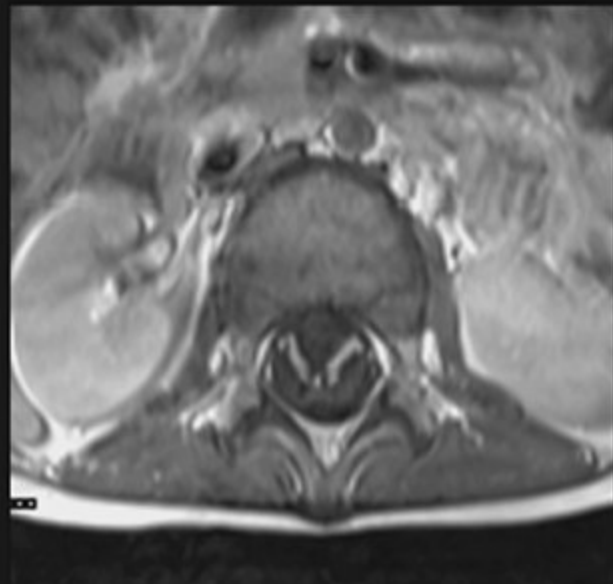
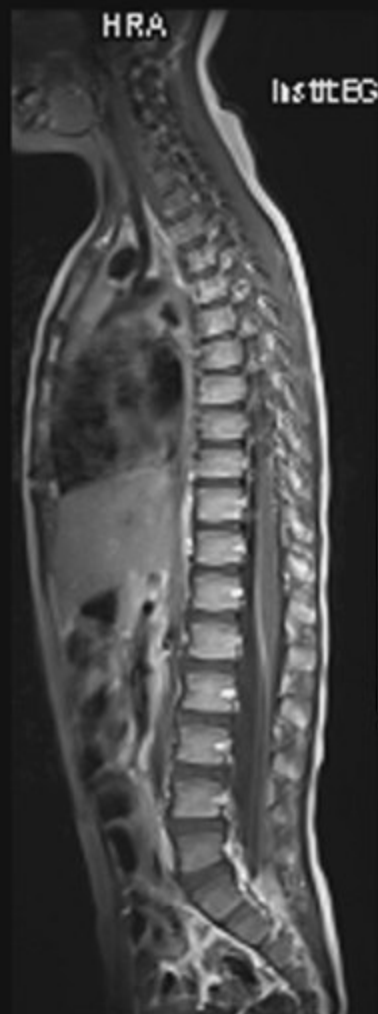
- A. Normal
- B. ADEM
- C. Kitle
- D. Guillian Bare
- E. Bilemedim





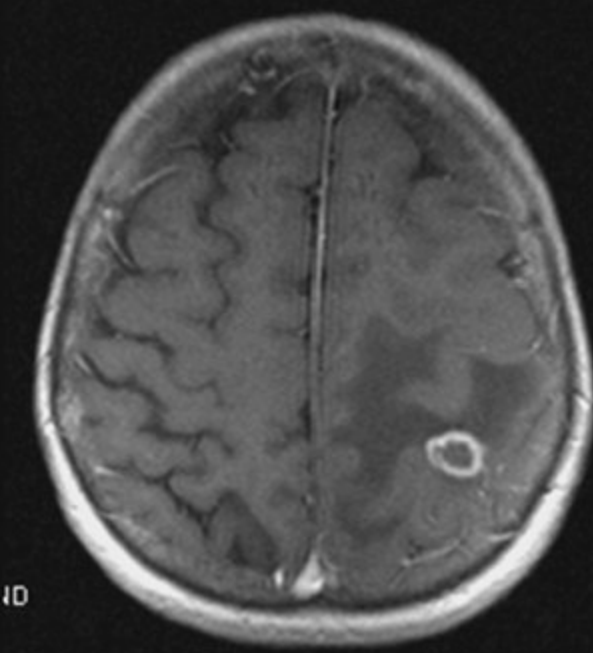
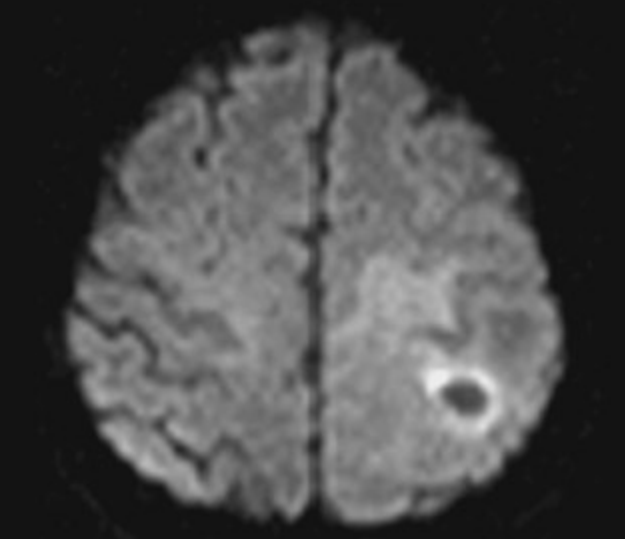
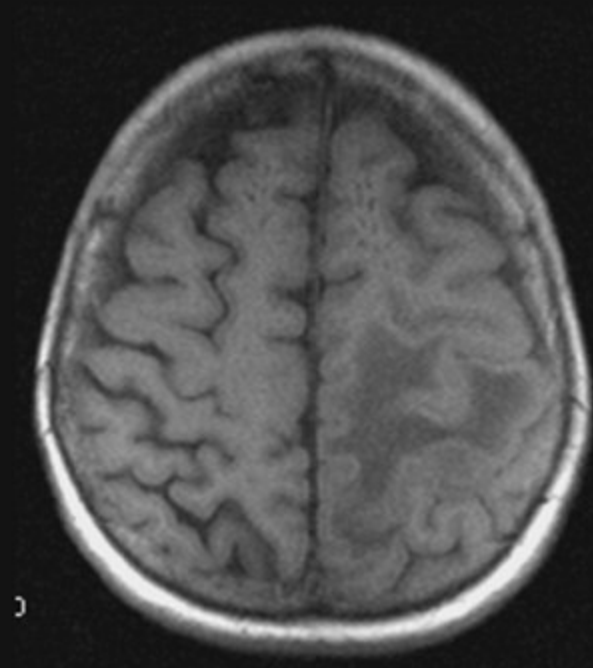
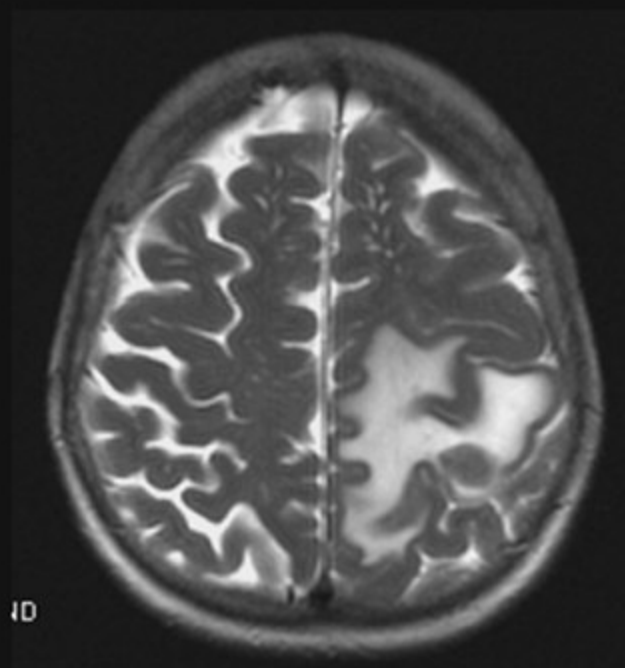
Tanınız değişti mi?

- A. Normal
- B. ADEM
- C. Kitle
- D. Guillian Bare
- E. Bilemedim



OLGU

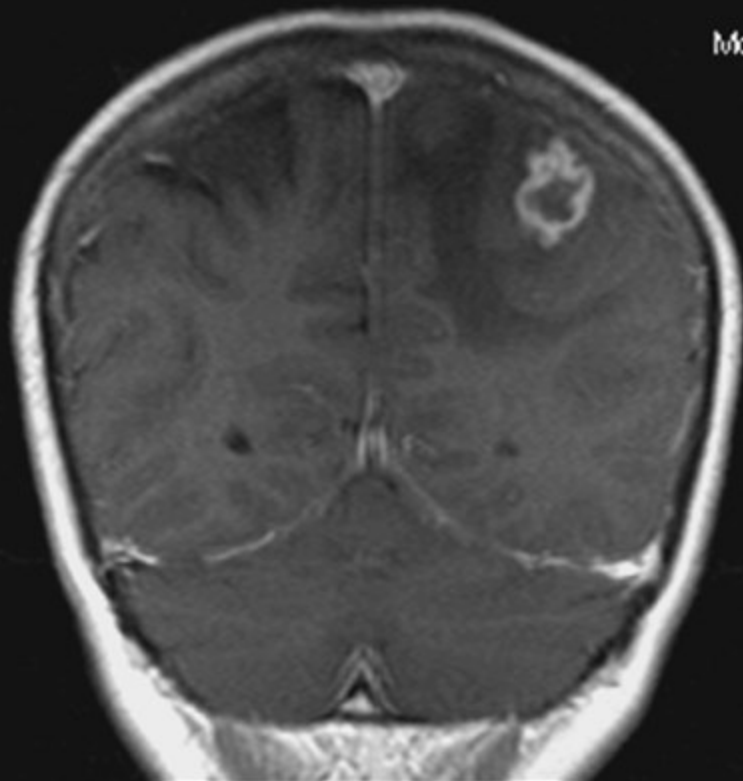
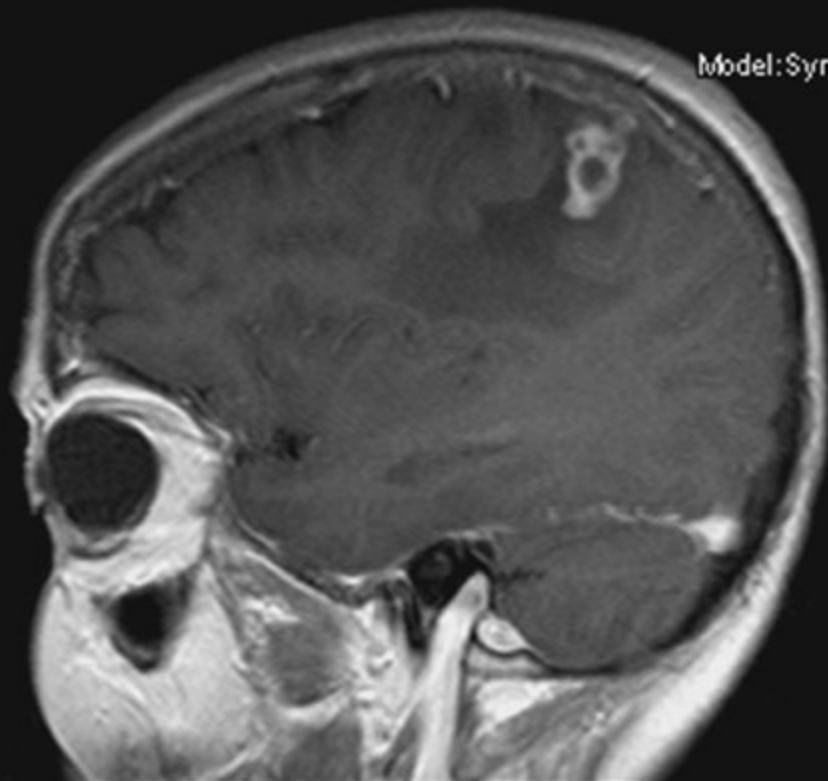
- 48 y K,
- Motor nöbet
- Kranial MRG→



H

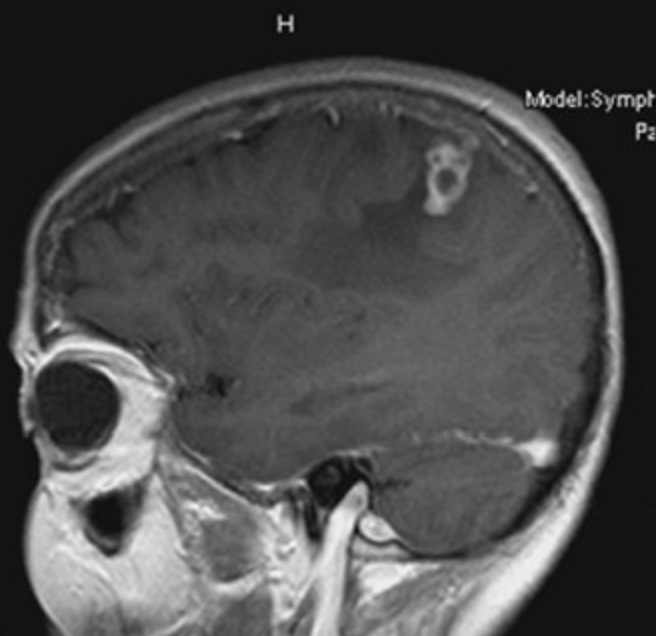
Model: Sympt
Pa

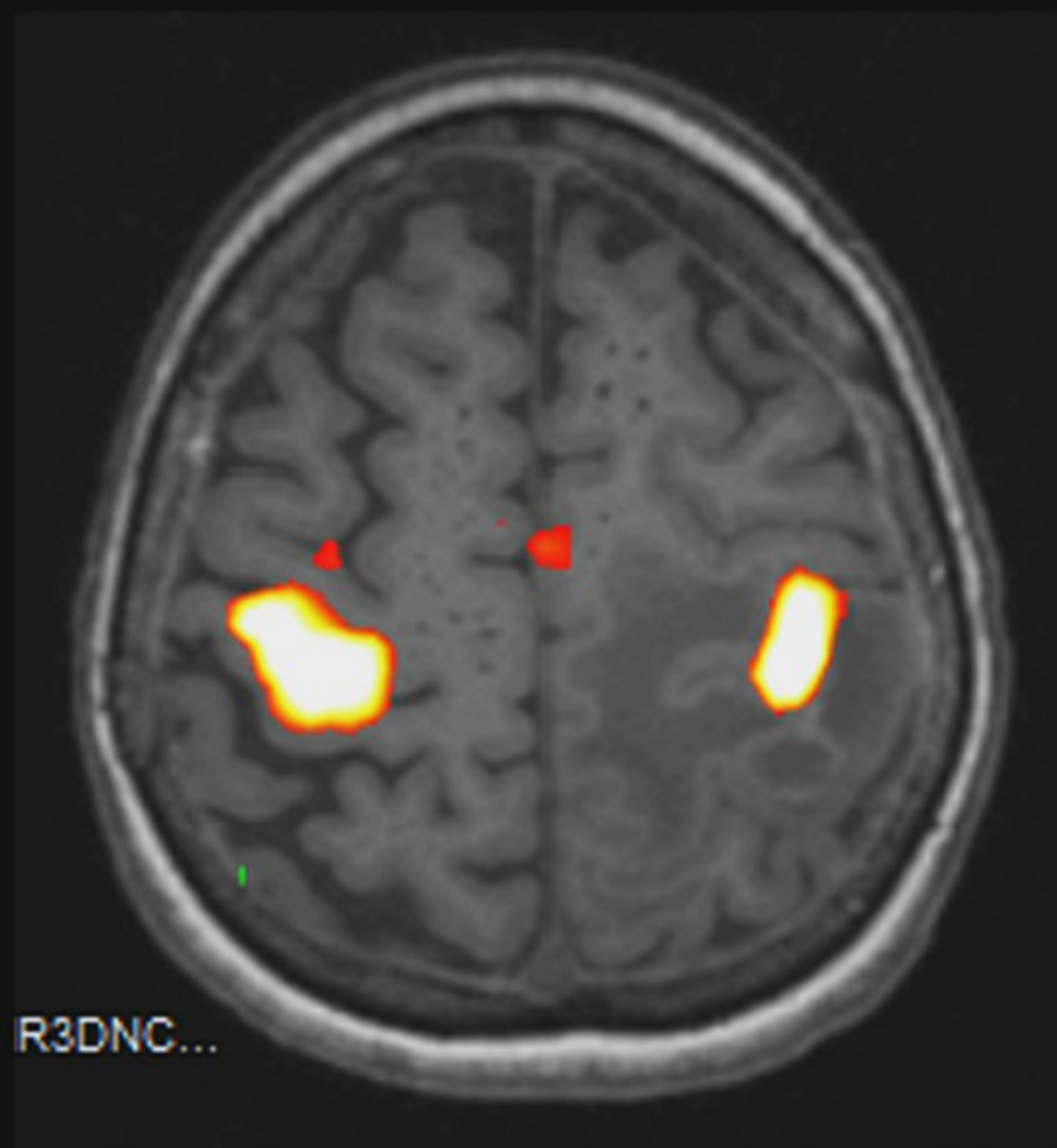
Mod



Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Enfeksiyon
- D. Metastaz
- E. Lenfoma

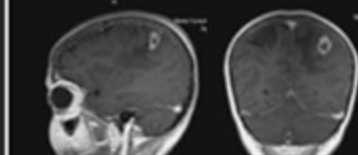
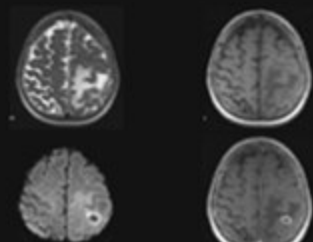






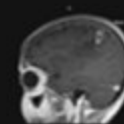
OLGU

- 48 y K.
- Motor nöbet
- Kronik MRG →



Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Enfeksiyon
- D. Metastaz
- E. Lenfoma



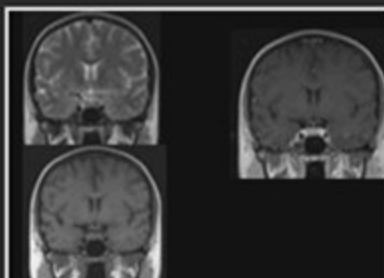
Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Enfeksiyon
- D. Metastaz
- E. Lenfoma

Tüberkülom

OLGU

- 28 y K hasta
- Hiperproluktinemi

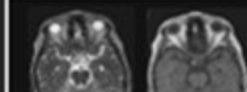


Yorum

- A. Adenom yok streptokok
- B. Kabak gibi adenom var, tedavi edilebilir

OLGU

- 64 y K hasta

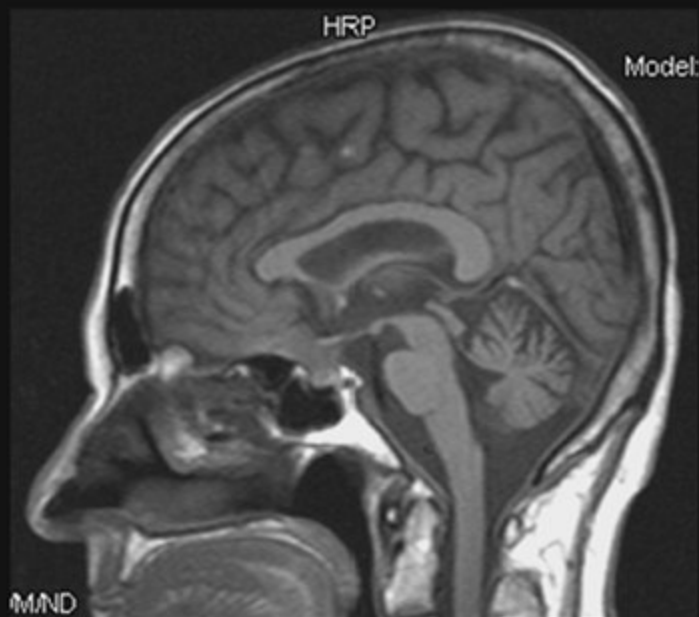


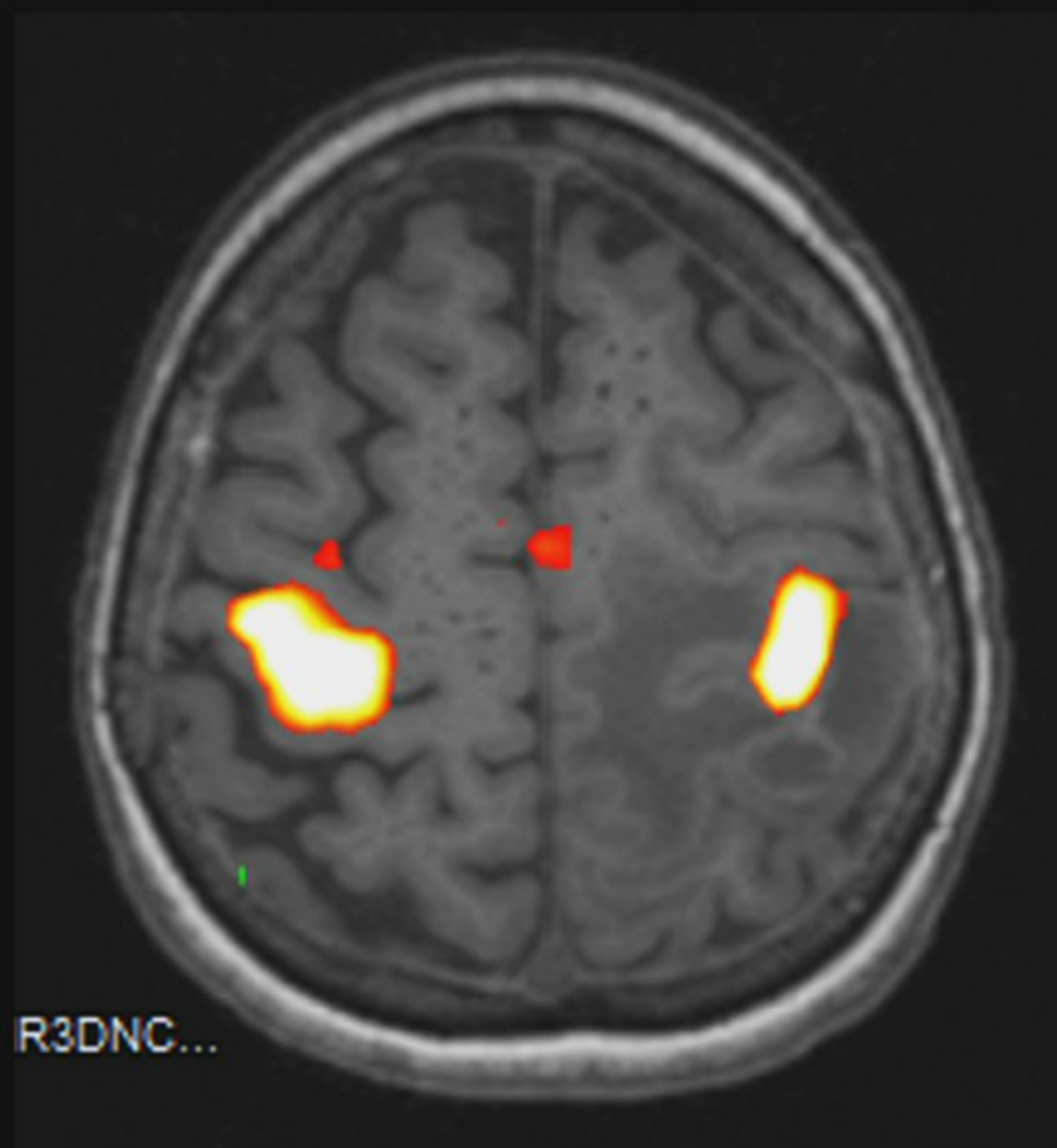
Yorum

- A. Normal, bulaşık yok

Yorum

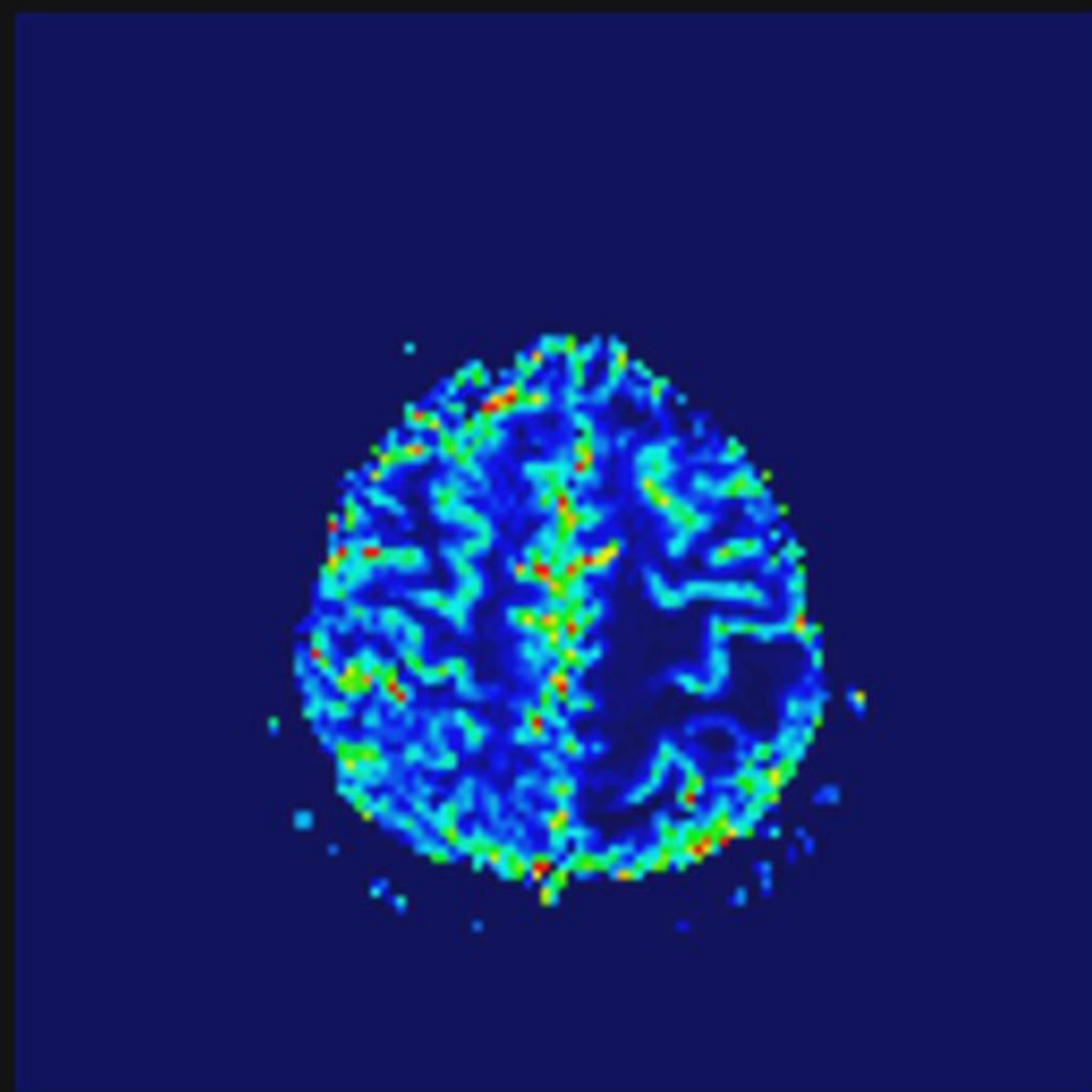
- A. Normal, bişicik yok.
- B. Makroadenom var. Raporu yazar geçerim
- C. Makroadenom var kontrast verelim
- D. Bana ne





Type:ORIGINAL/f





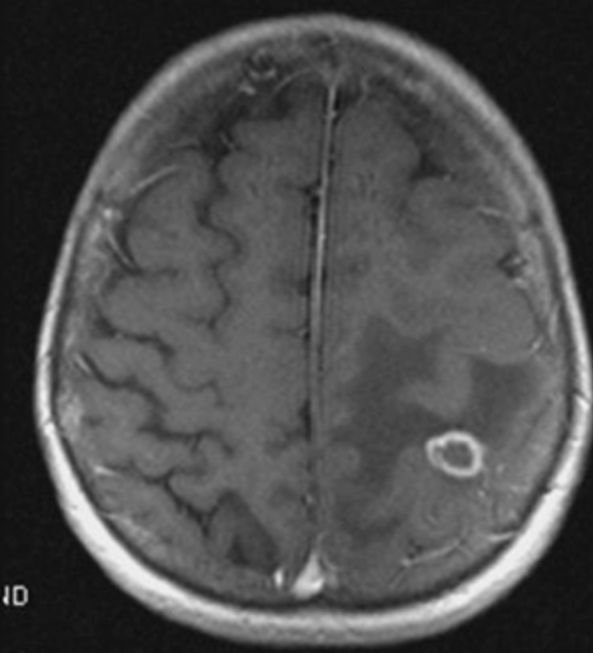
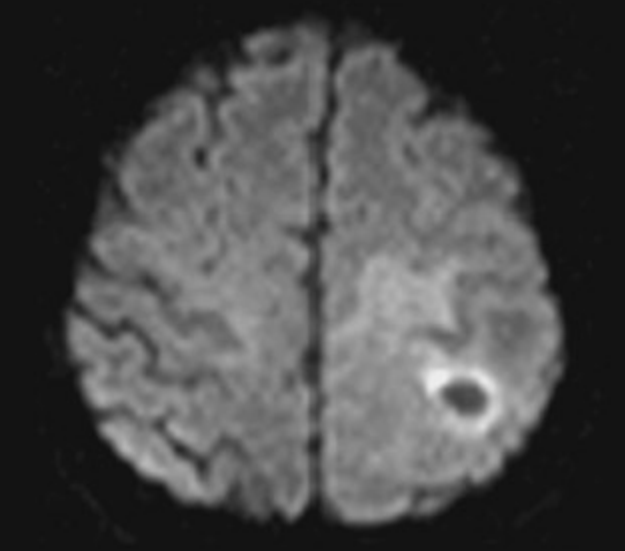
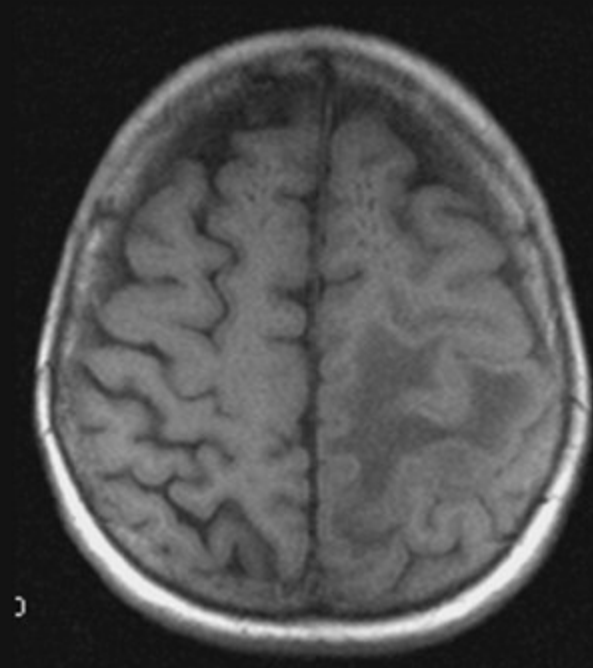
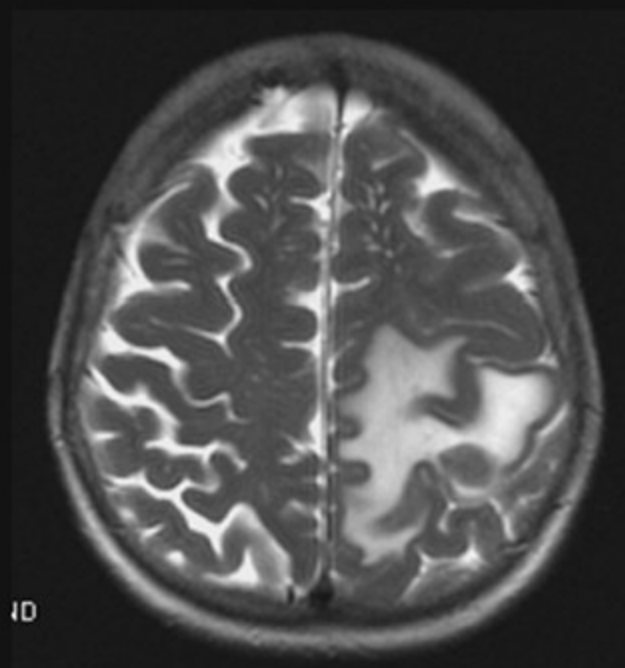
Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Enfeksiyon
- D. Metastaz
- E. Lenfoma

Tüberkülom

OLGU

- 26y K hasta
- Hiperprolaktinemi

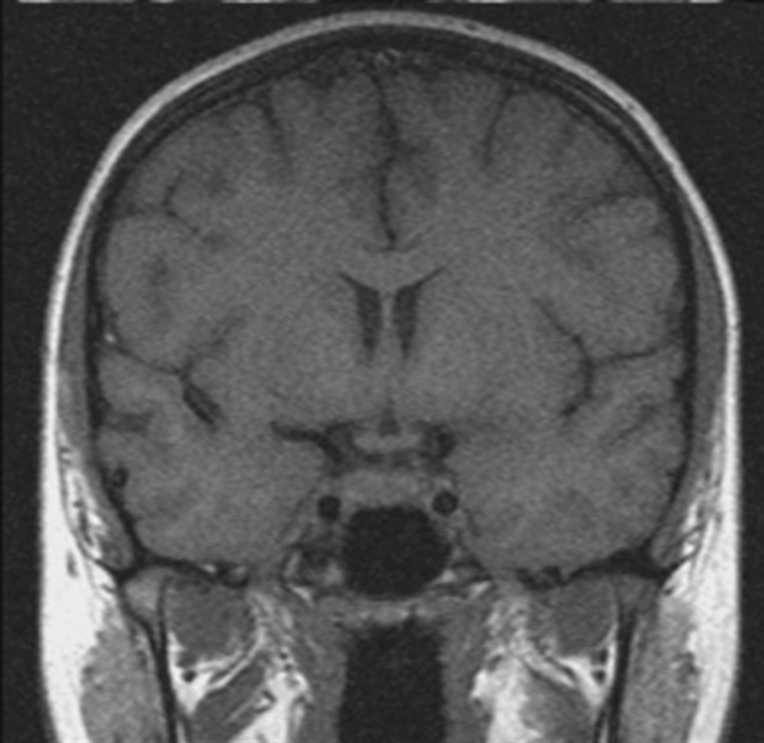
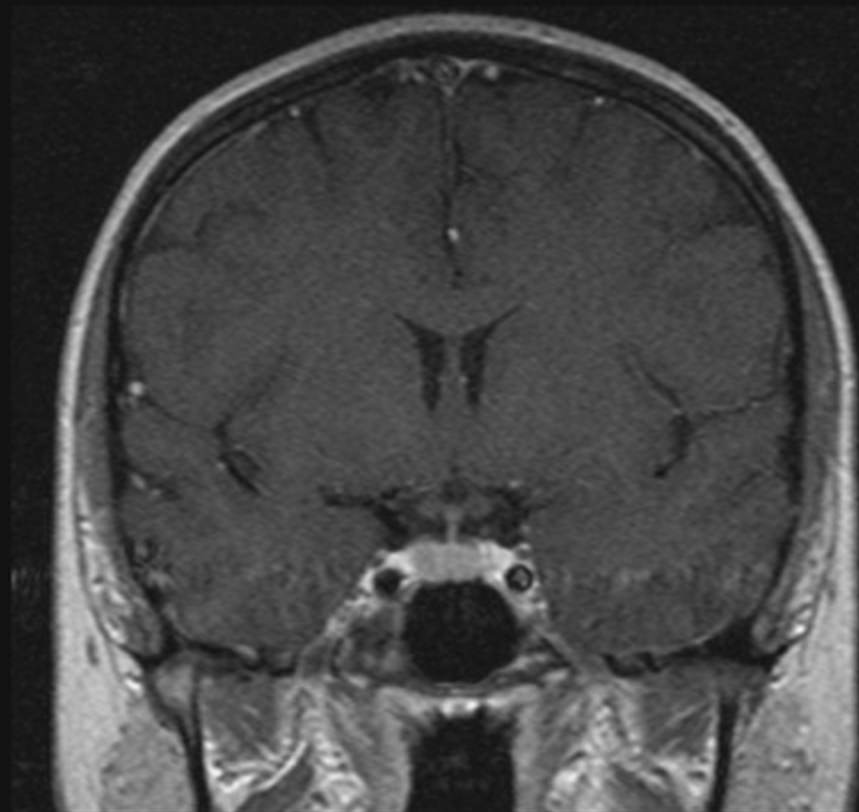
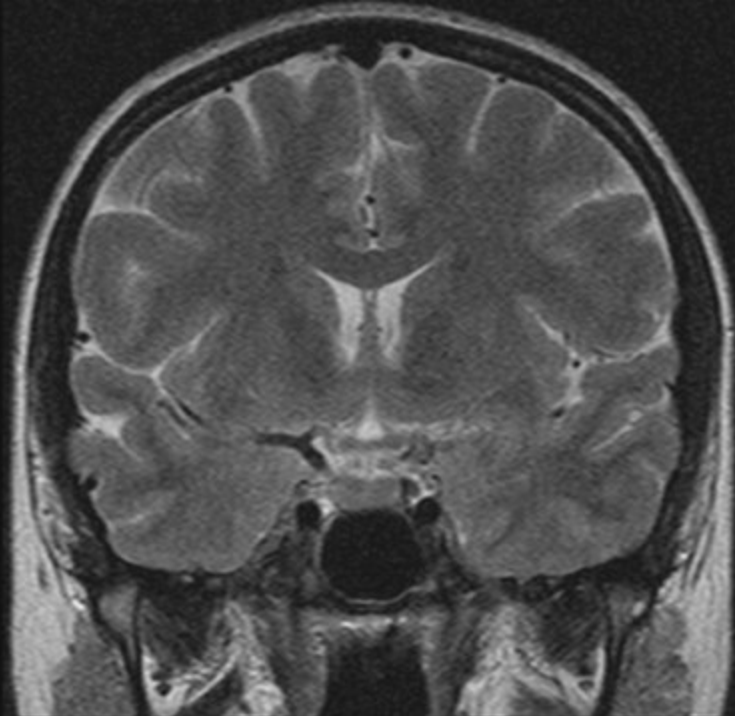


Tanınız nedir?

- A. GBM
- B. Anaplastik astrositom
- C. Enfeksiyon
- D. Metastaz
- E. Lenfoma

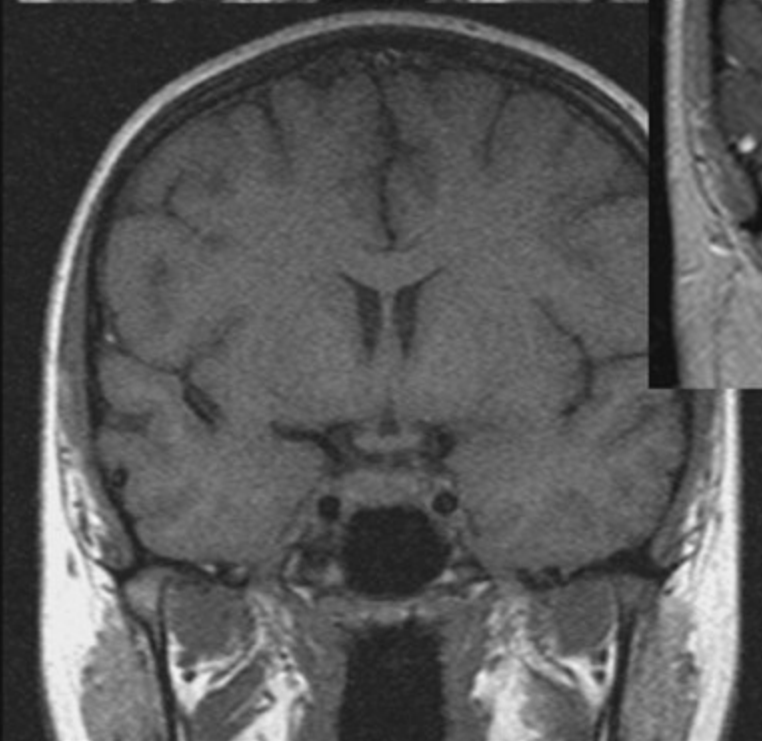
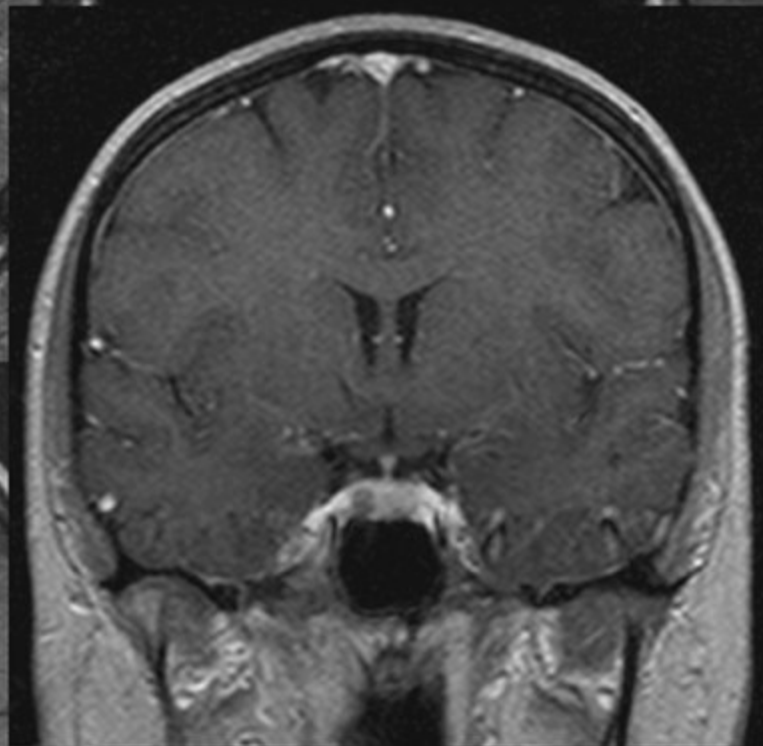
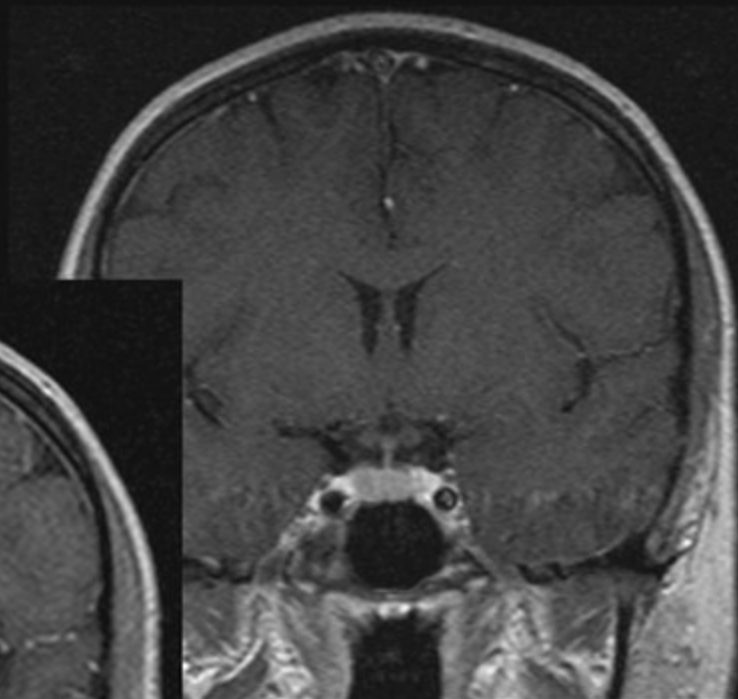
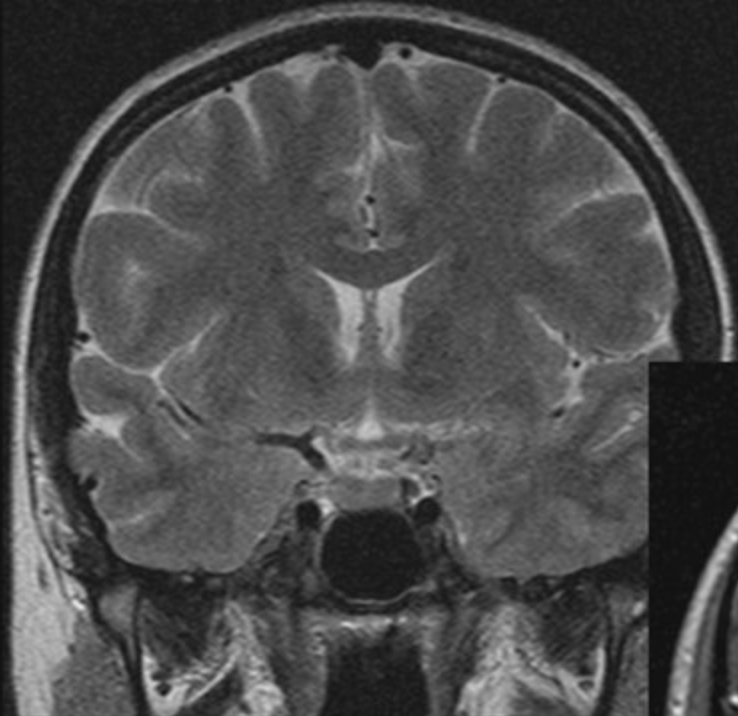
OLGU

- 26y K hasta
- Hiperprolaktinemi



Yorum

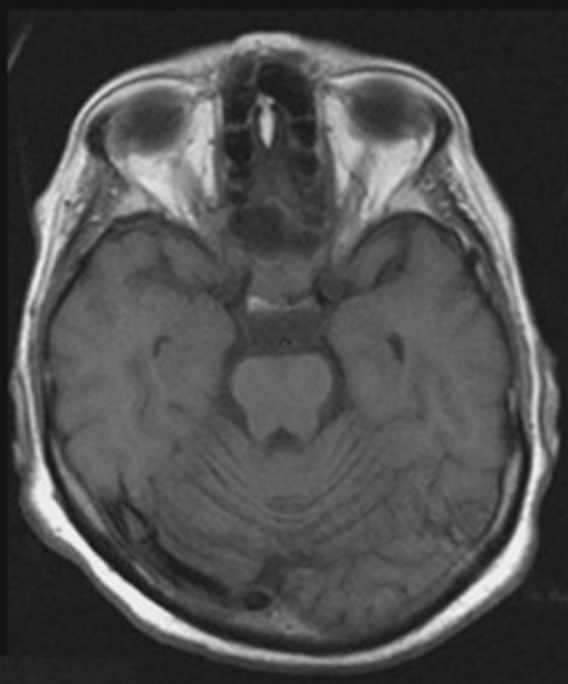
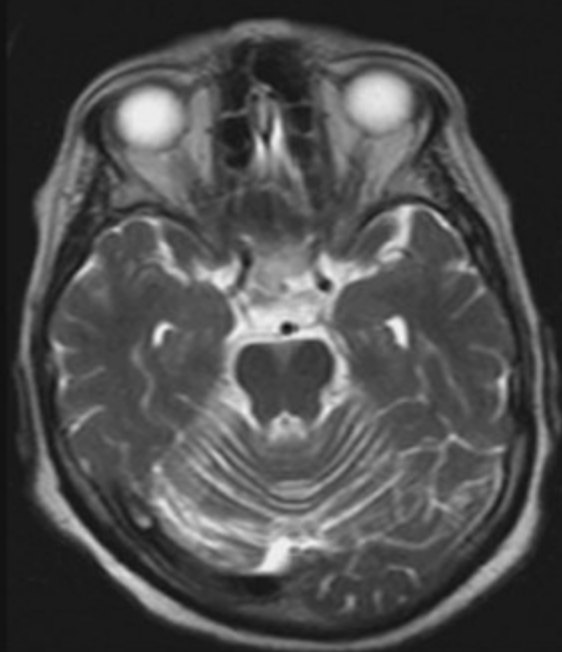
- A. Adenom yok strestendir
- B. Kabak gibi adenom var, tedavi edilsin



Dynamic CE imaging

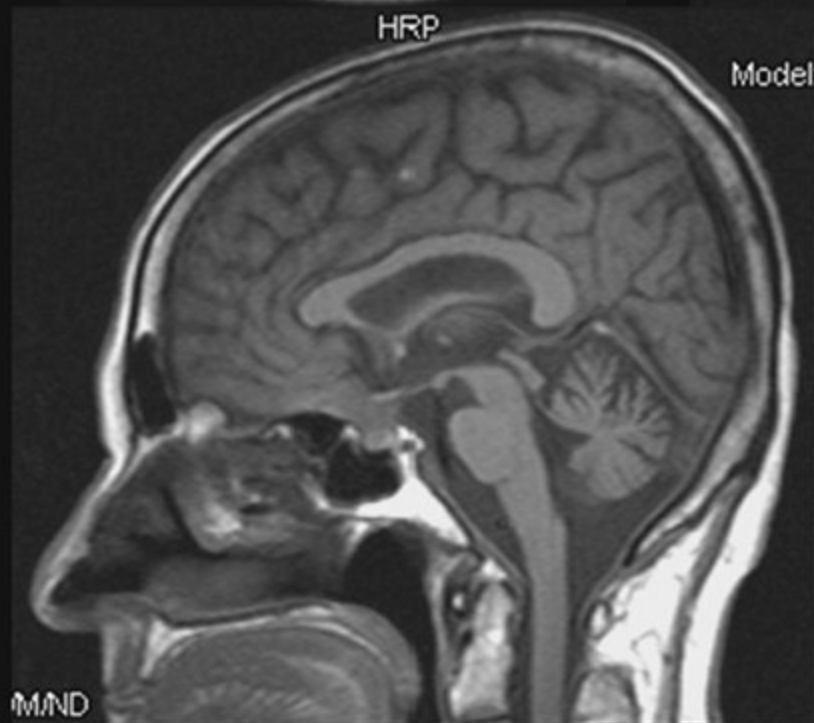
OLGU

- 64y K hasta
- Başağrısı

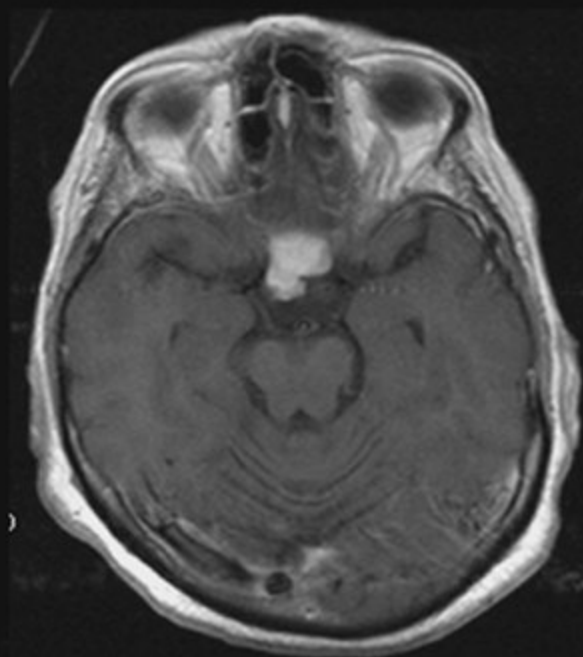
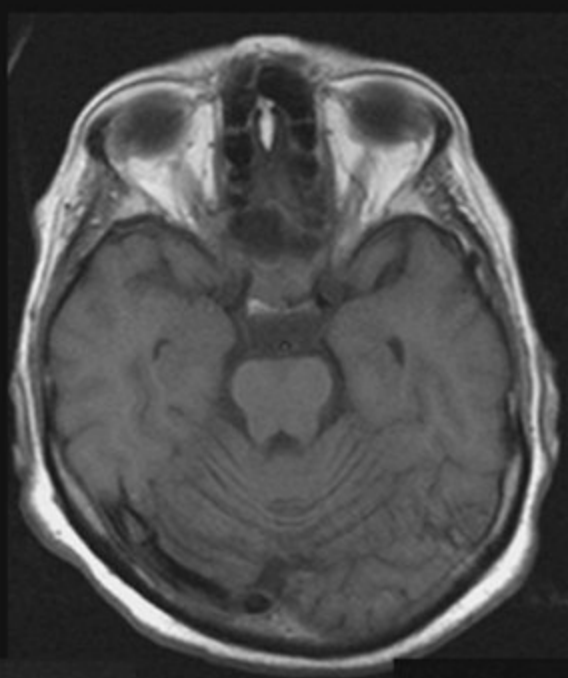
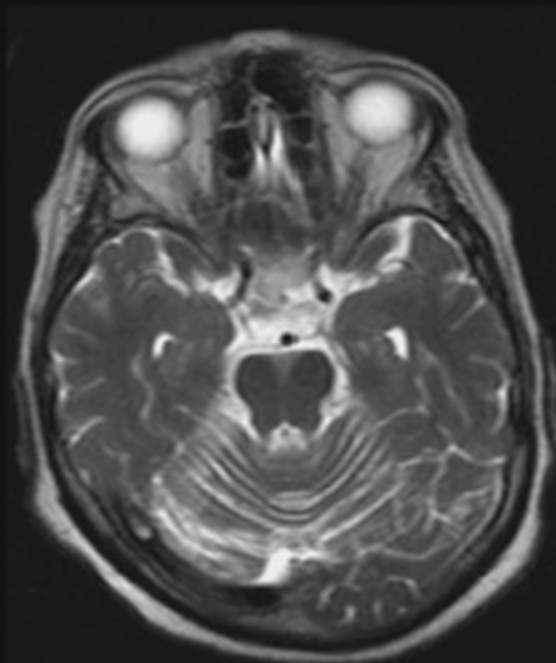


HRP

Model:



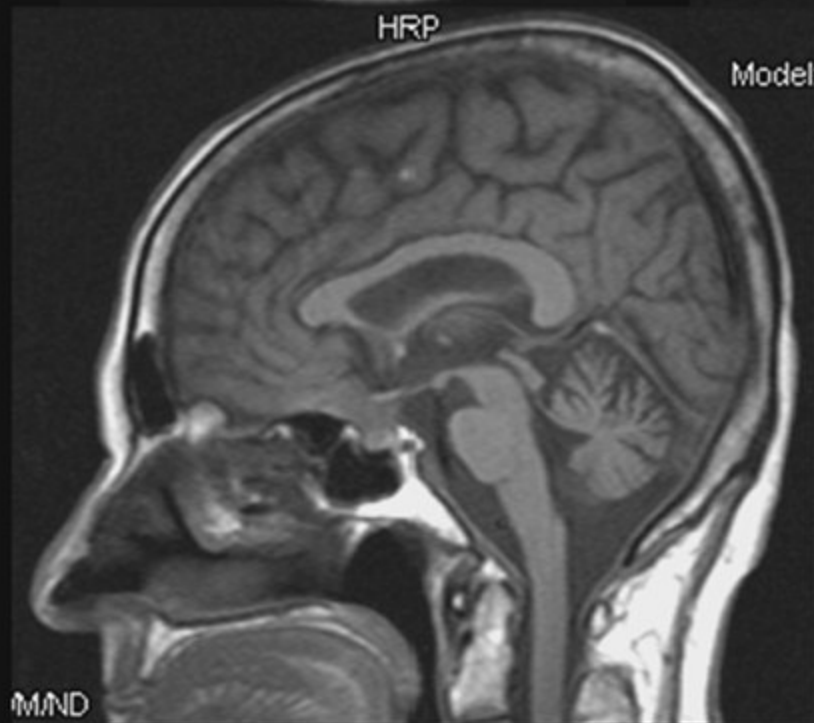
M/ND



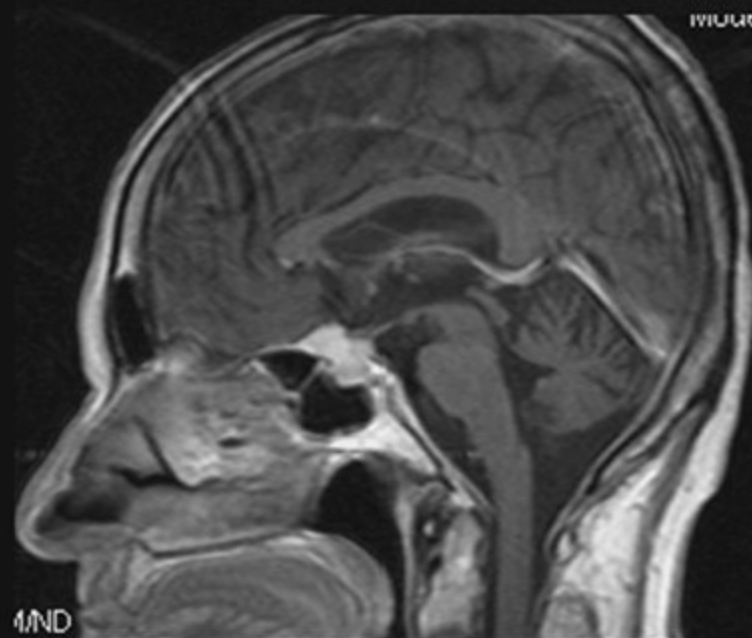
HRP

Model:

WUAC



M/ND

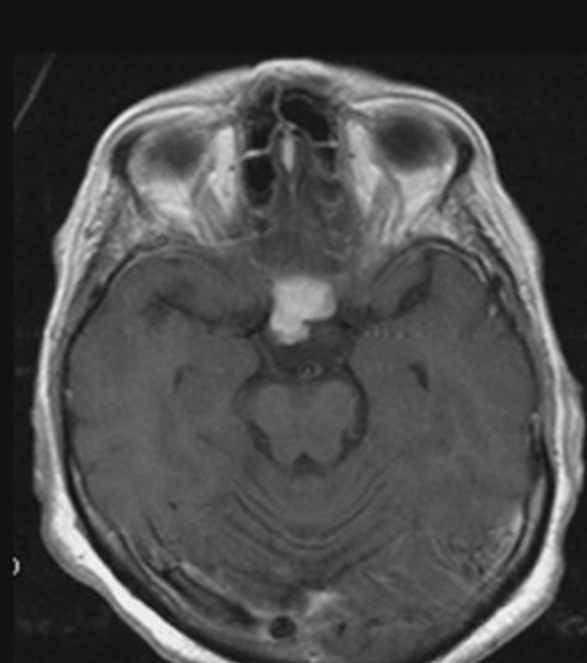
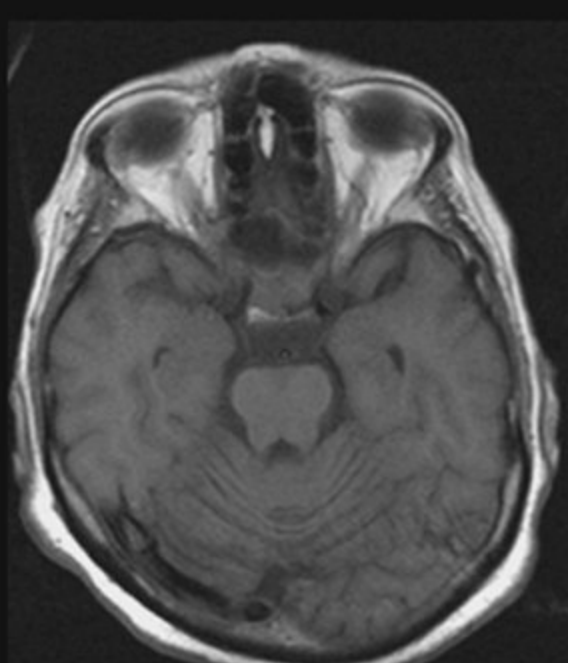
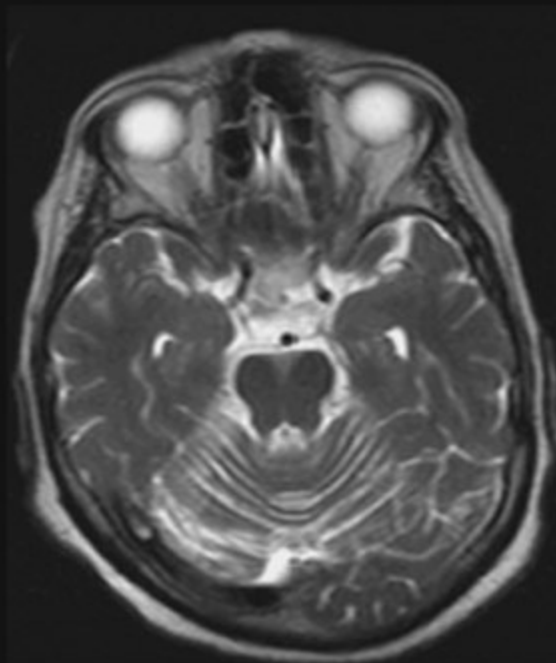


M/ND

Meningioma

OLGU

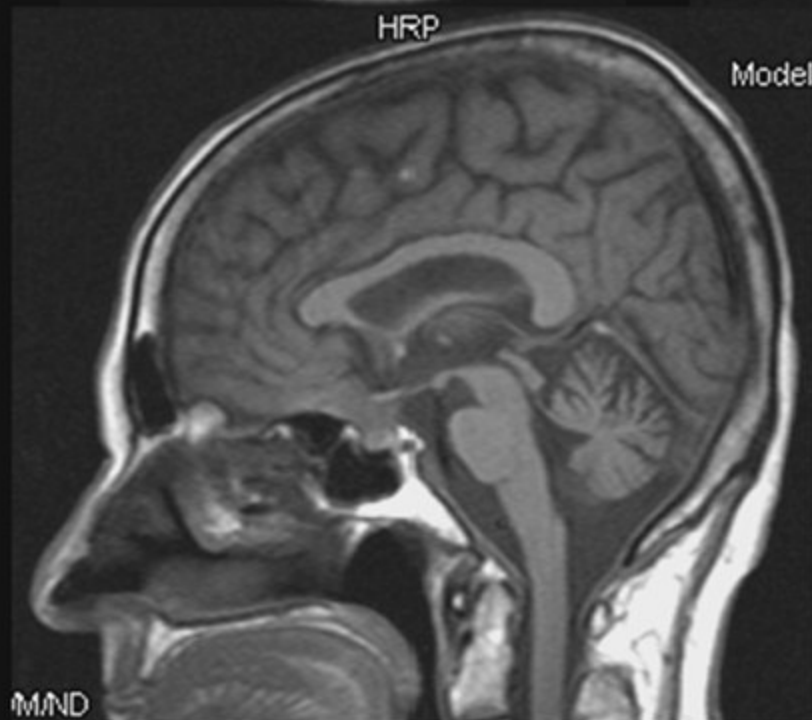
- 45y K hasta
- Baş ağrısı, görme bozukluğu



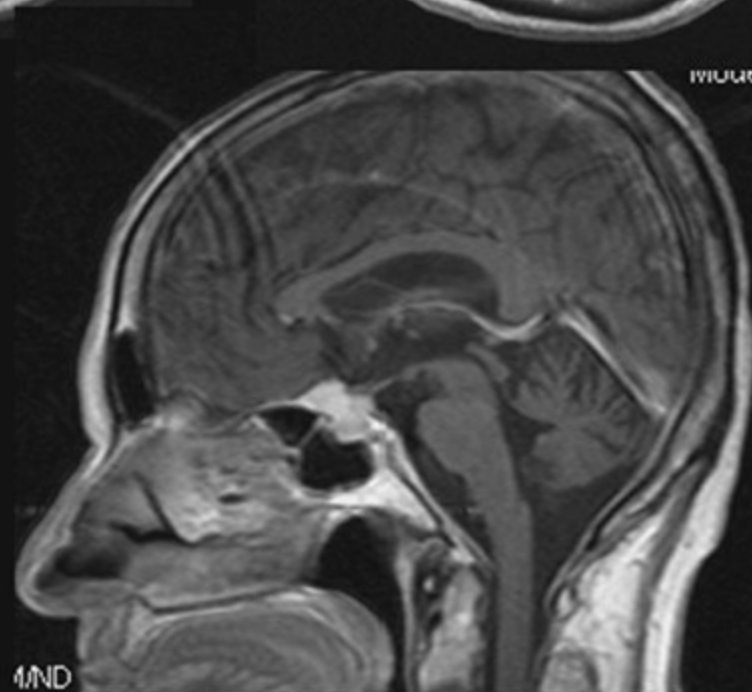
HRP

Model:

WUAC



M/ND

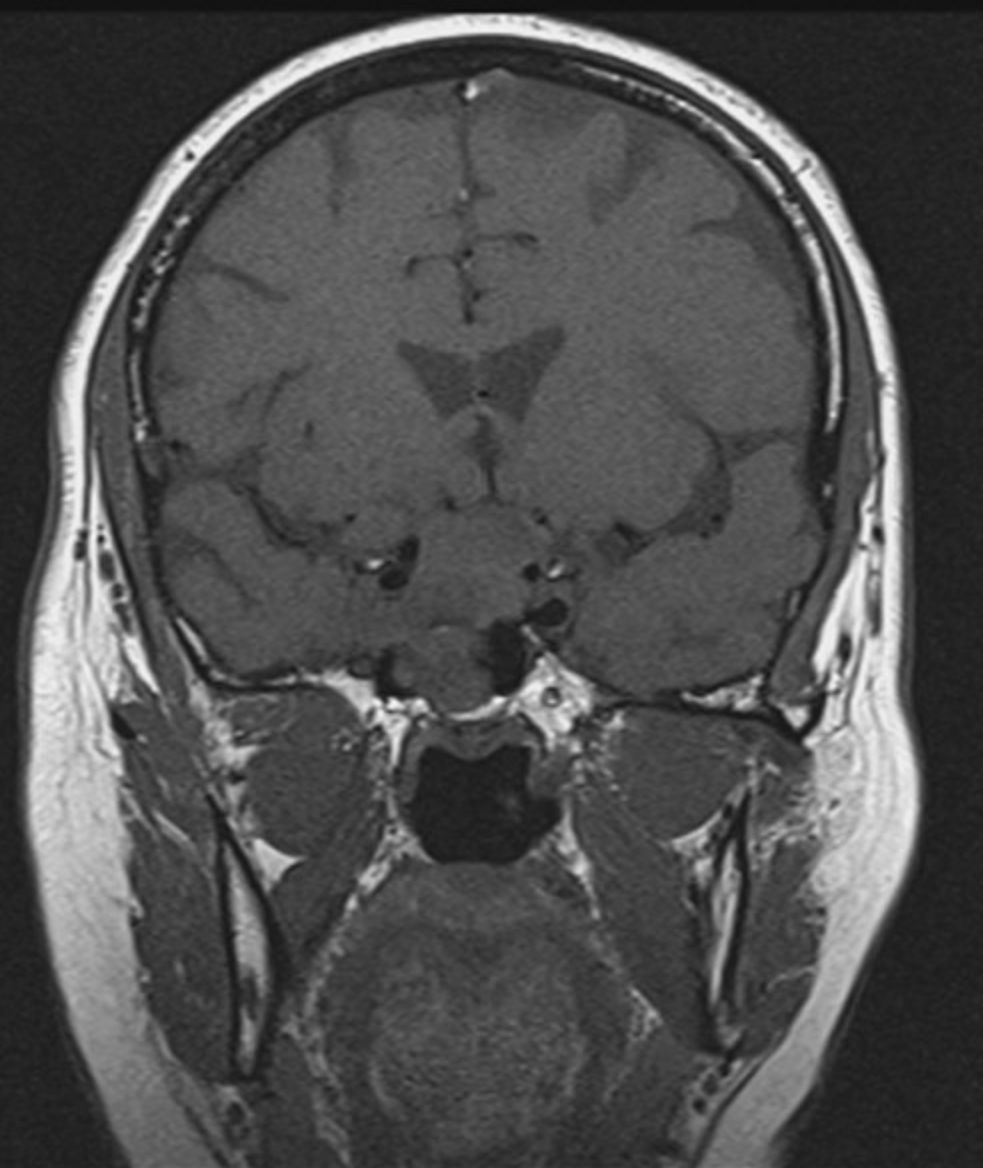
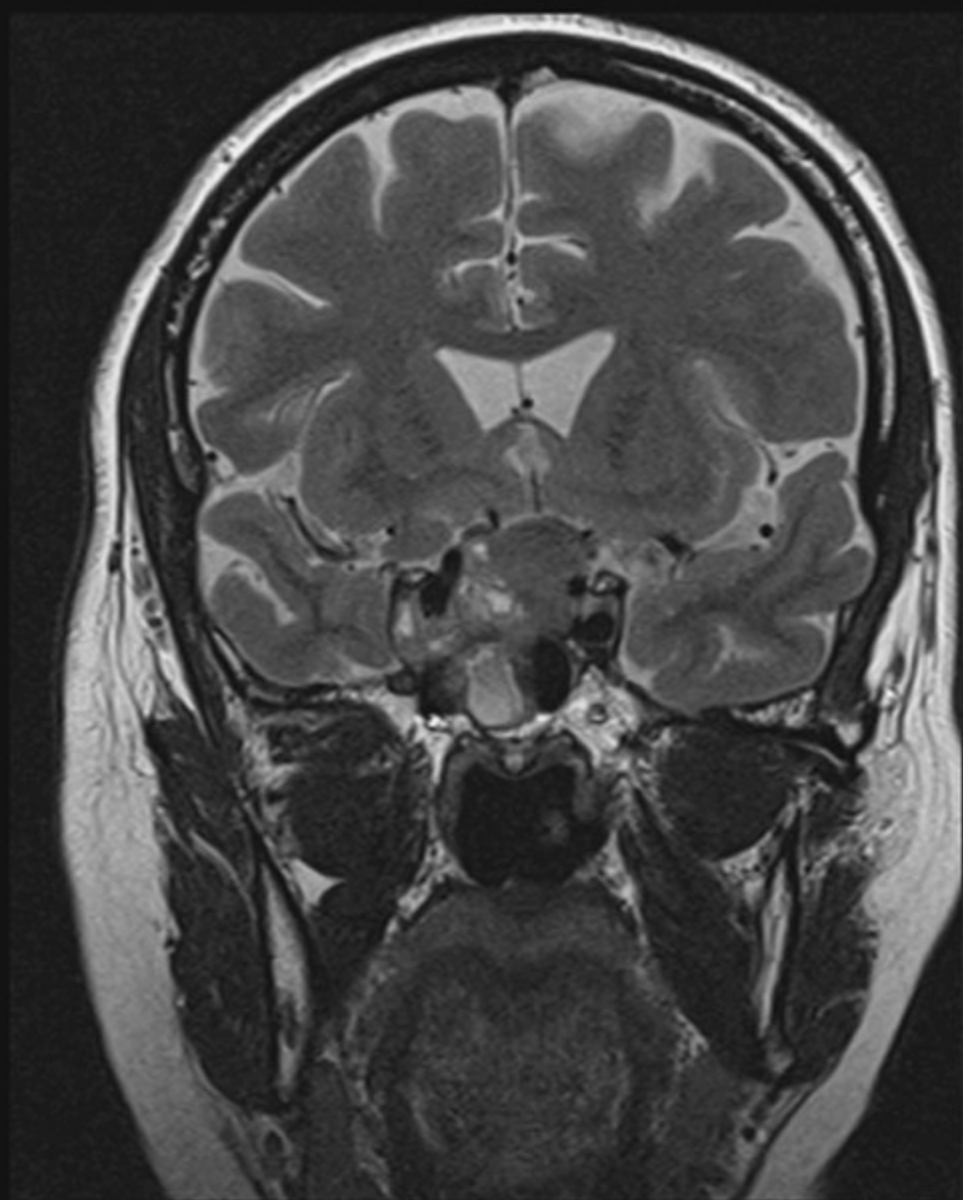


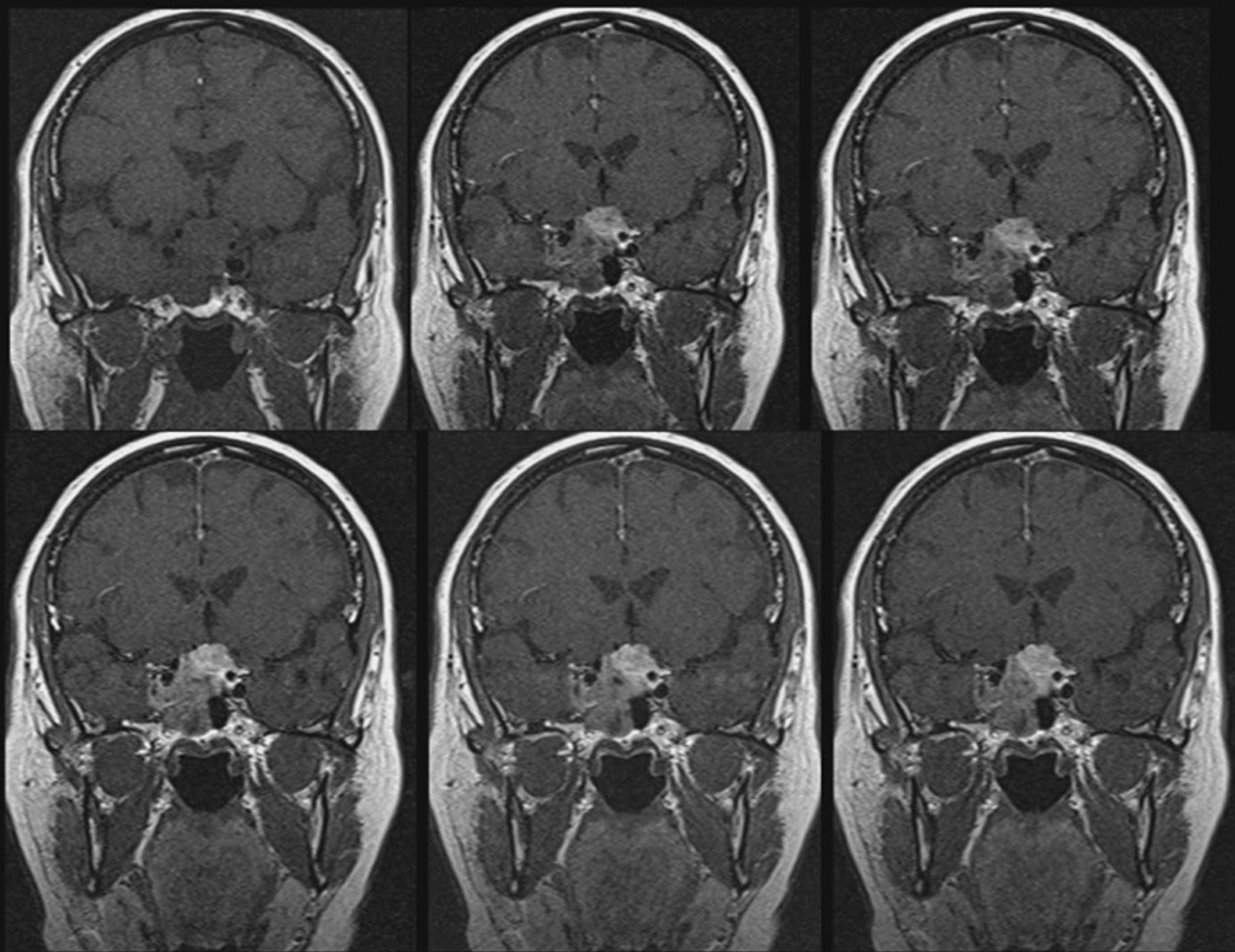
M/ND

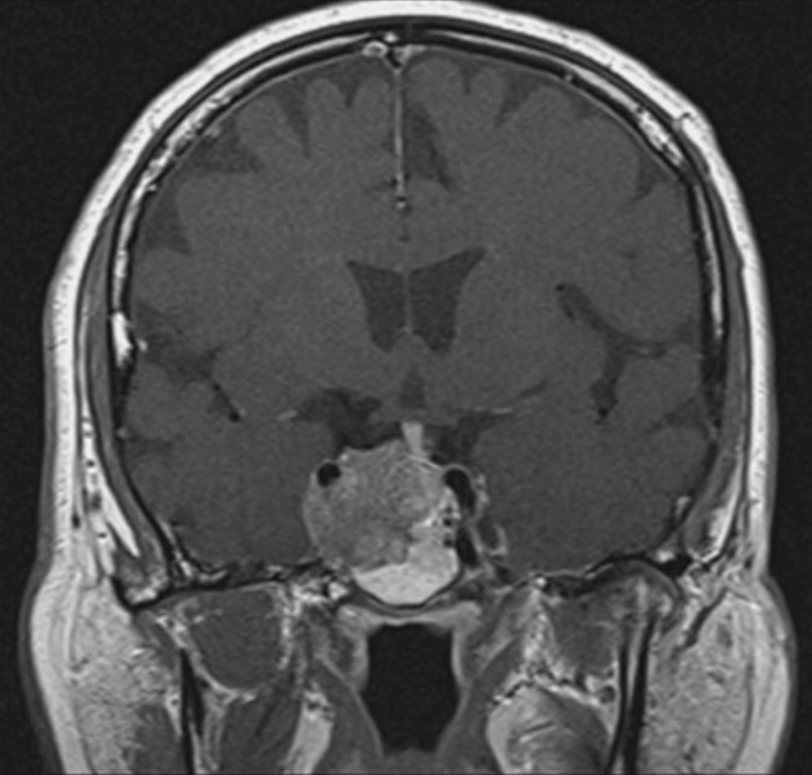
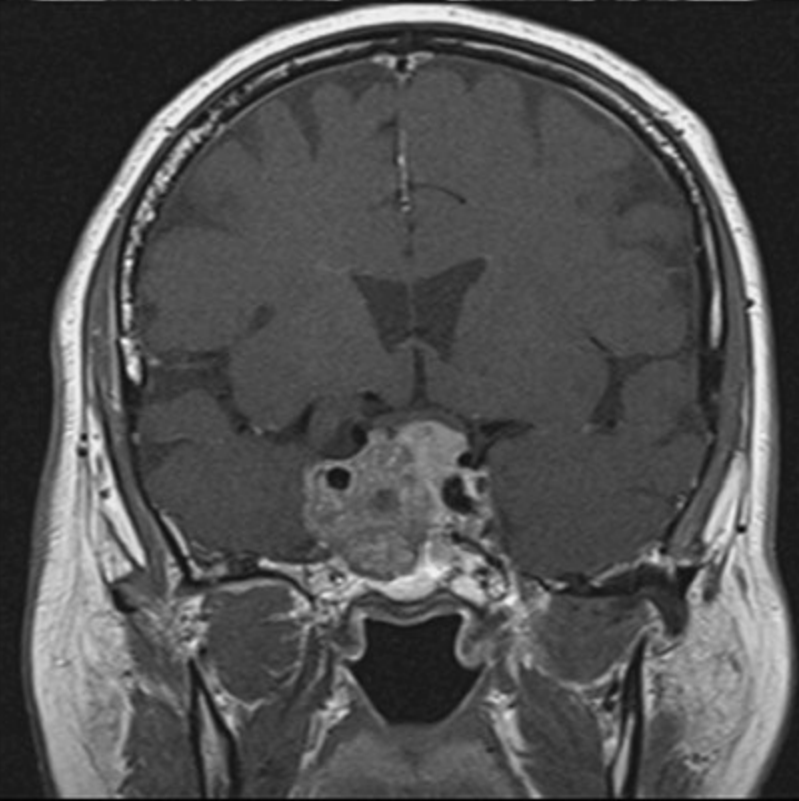
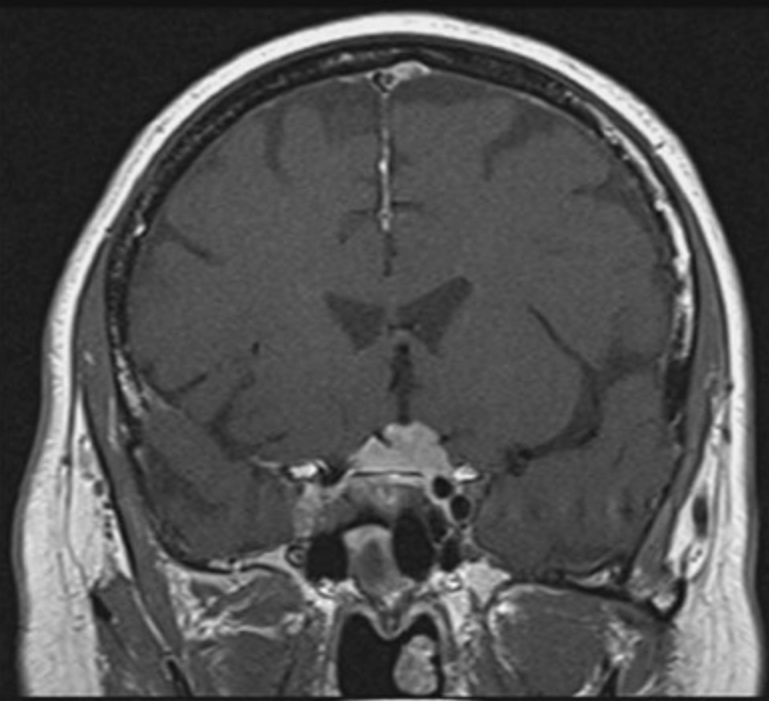
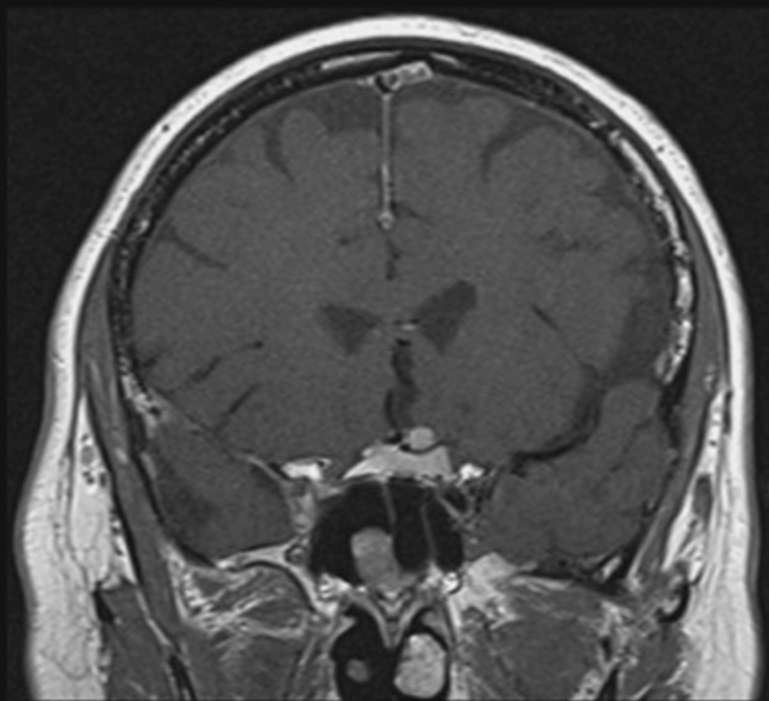
Meningioma

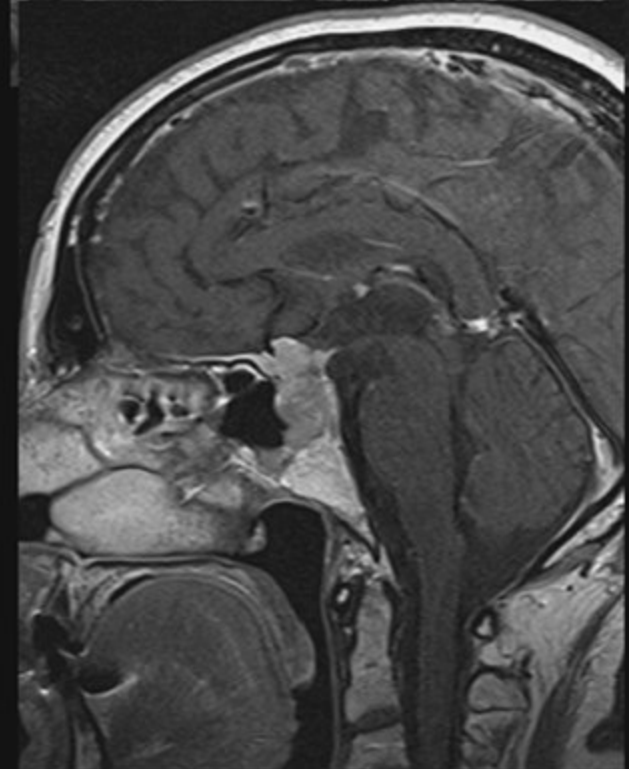
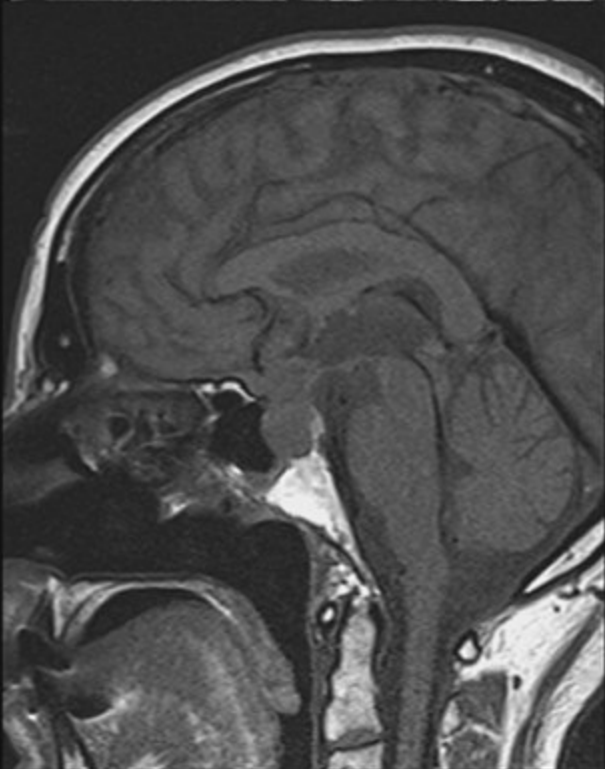
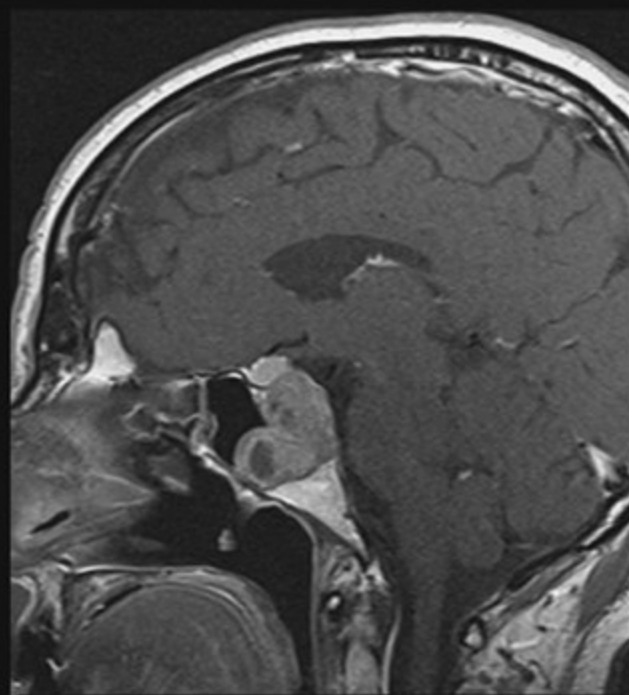
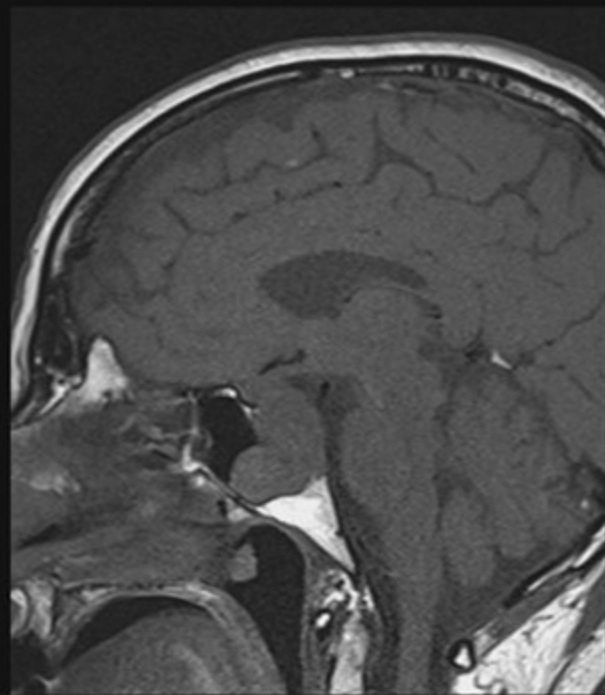
OLGU

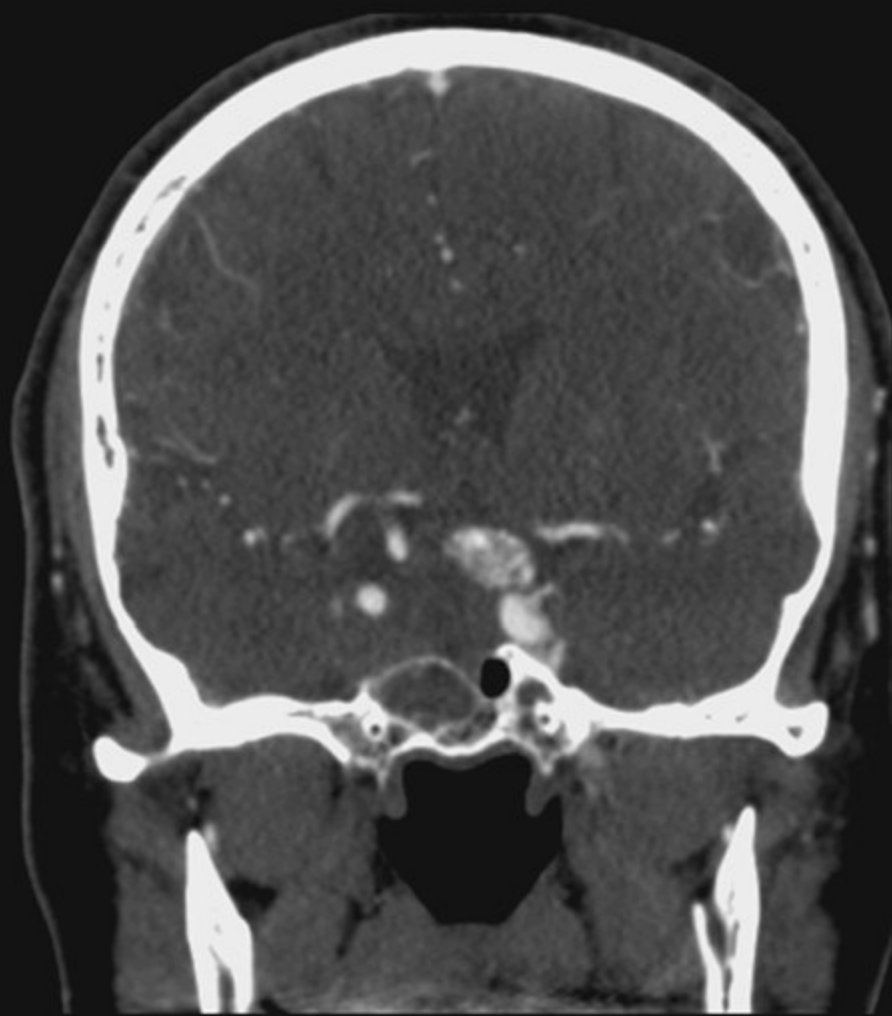
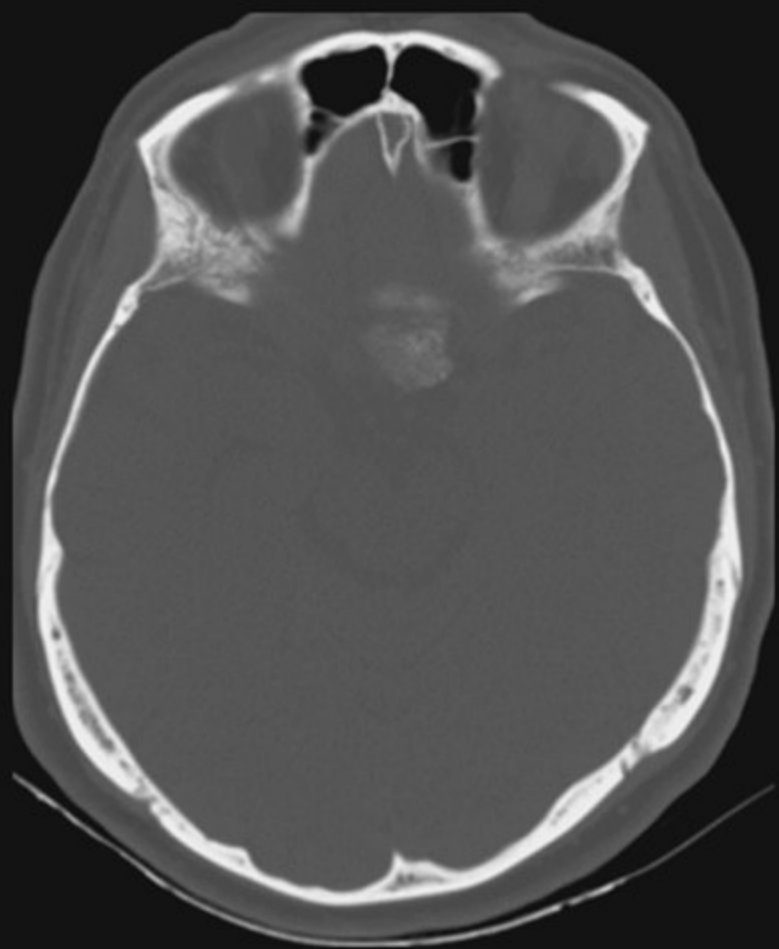
- 45y K hasta
- Baş ağrısı, görme bozukluğu





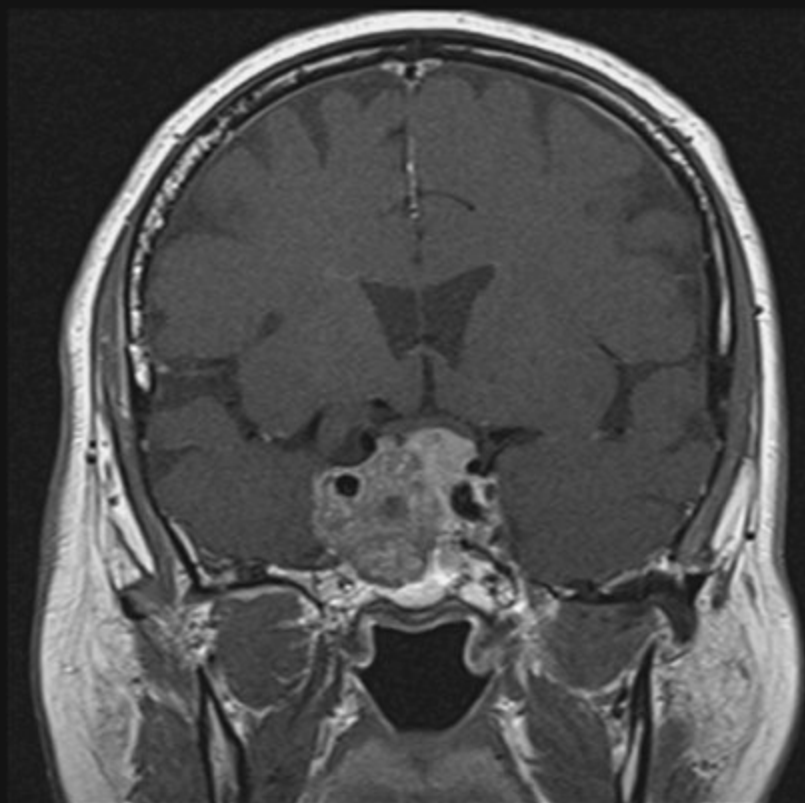




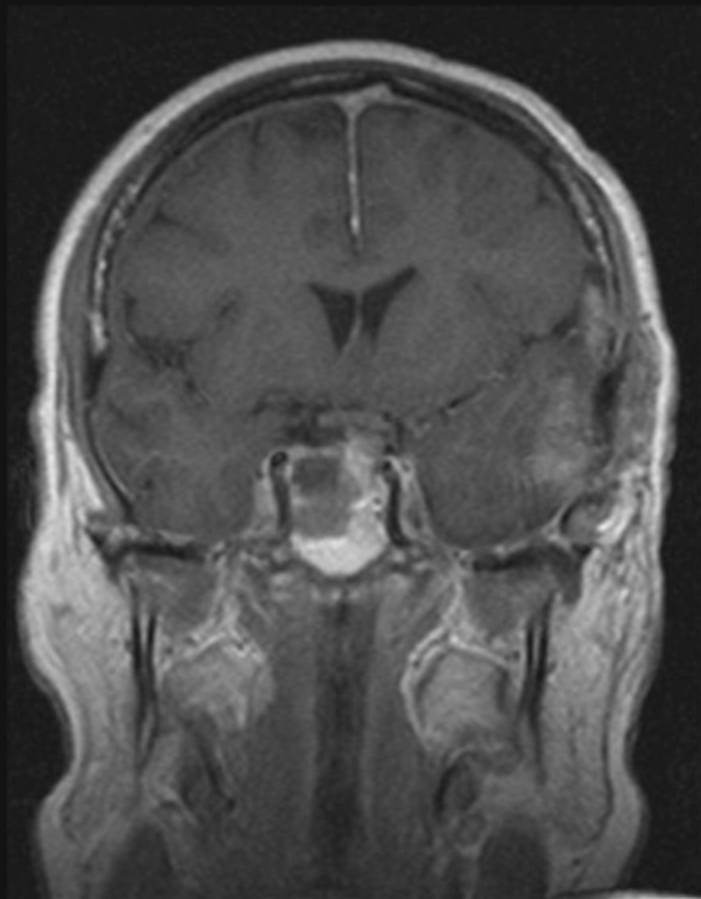
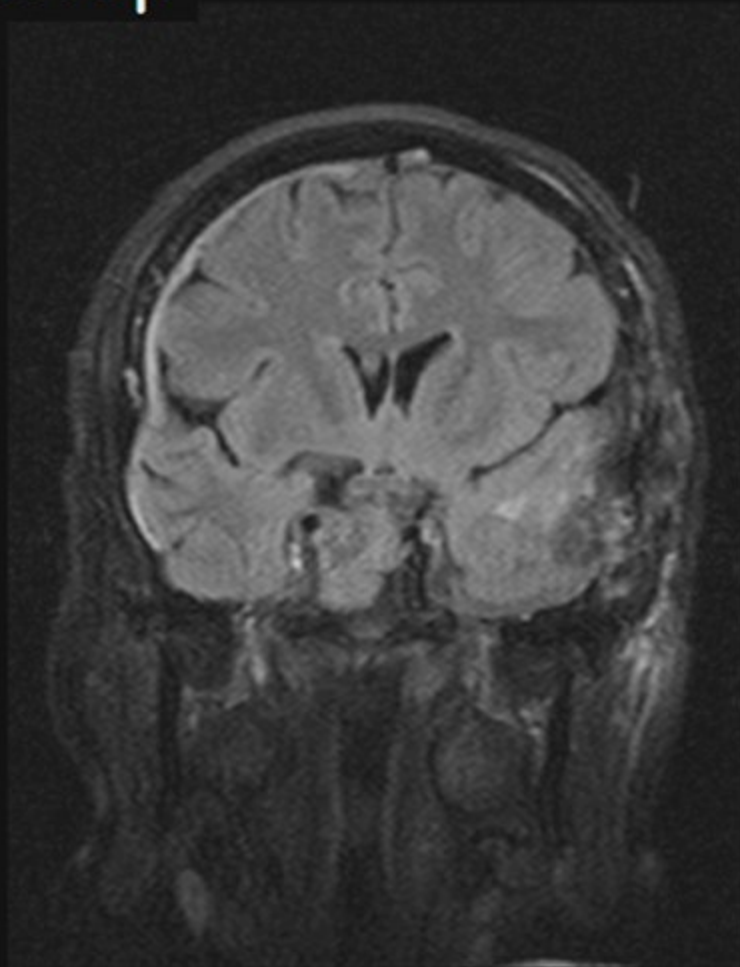


Tanınız nedir?

- A. Makroadenom
- B. Meninjiom
- C. Metastaz
- D. A + B
- E. Allah bilir



Postop



Meningiom



Makroadenom

Anamnez

KLİNİK BİLGİLER

Bulgular : Öykü : insidental olarak çekilen kr mrg da makroadenom 3*3 cm ve anterior klinoid de menenjiom tespit edilen hasta.hasta dış merkezden opere edilmek üzere kliniğimize refere edildi.
Öntam : HIPOFİZ BEZİ BENİGN NEOPLAZM(D35.2)

MAKROSKOBİ

Bulgular : Meral Yurtseven yazılı kaptan çıkarıyaklaşık 0,2 cc hacimde biyopsi materyali tamamı takibe alındı.
Tarih : 12.05.2015
Doktor : UMUT AYKUTLU

TANI : MENİNGİOM, EKSİZYON; MENİNGİOM, MENİNGOTELYAMATÖZ TİP
Yorum : Olgunun 19290/15 nolu raporu "psammomatöz tip menenjiom" tanısı almıştır.

Onay Tarihi : 15.05.2015
Rapor Basım Tarihi : 01.10.2015 14:01:53

Prof. Dr. TANER AKALIN

KLİNİK BİLGİLER

Bulgular : Öykü : insidental olarak çekilen kr mrg da makroadenom 3*3 cm ve anterior klinoid de menenjiom tespit edilen hasta.hasta dış merkezden opere edilmek üzere kliniğimize refere edildi.
Öntam : HIPOFİZ BEZİ BENİGN NEOPLAZM(D35.2)

MAKROSKOBİ

Bulgular : Meral Yurtseven yazılı kaptan çıkarı, yaklaşık 0,7 cc hacimde biyopsi materyali tamamı takibe alındı.
Tarih : 12.05.2015
Doktor : UMUT AYKUTLU

TANI : HIPOFİZ, REZEKSİYON; HORMON İMMUNREAKTİVİTESİ GÖSTERMEYEN HIPOFİZ ADENOM

Uygulanan İmmunohistokimyasal İncelemeler

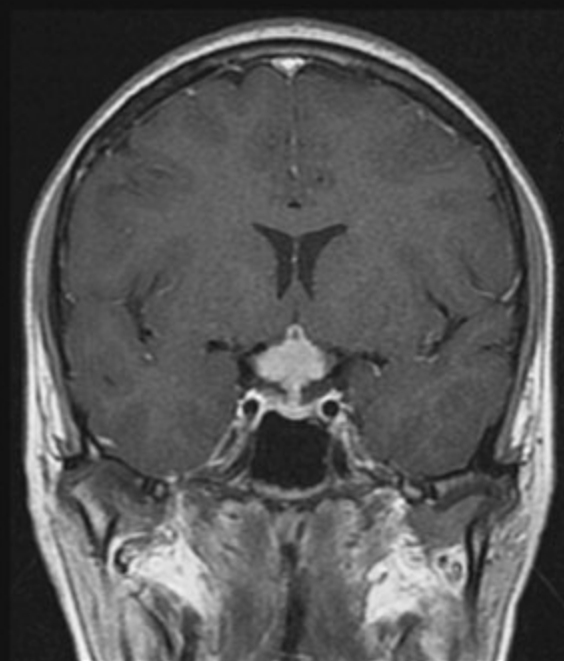
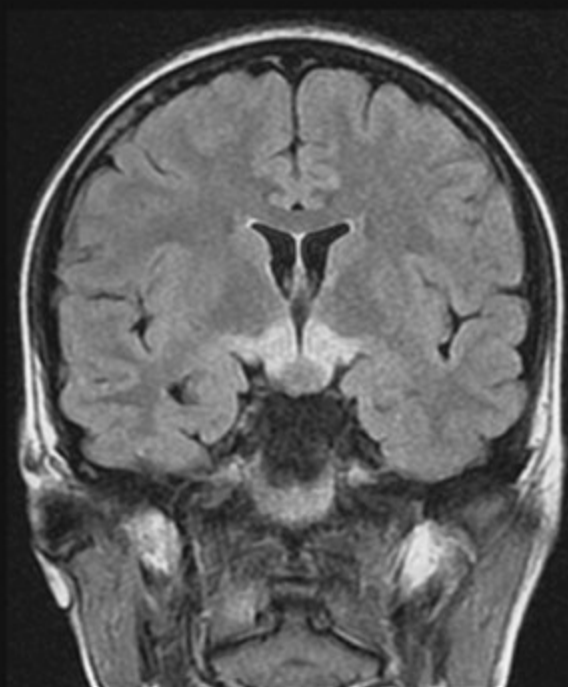
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FSH : Negatif
GH : Negatif
TSH : Negatif
LH : Negatif
PRL : Negatif
Ki67 : Negatif

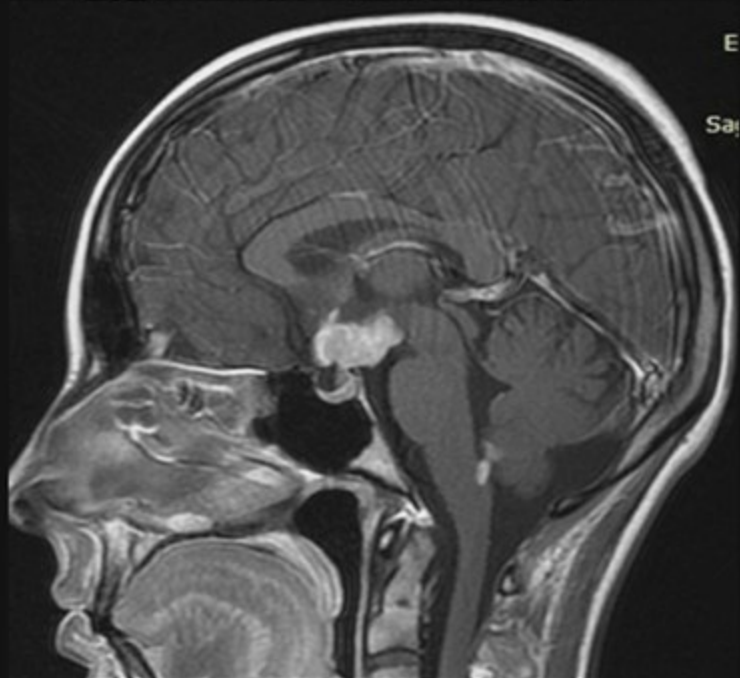
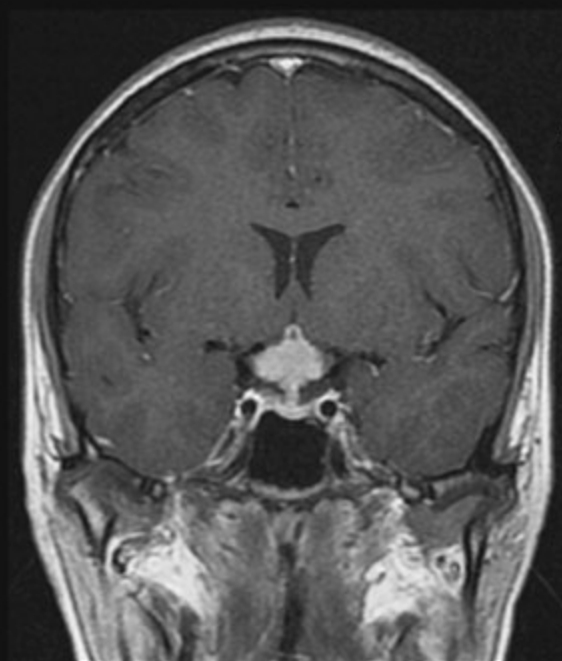
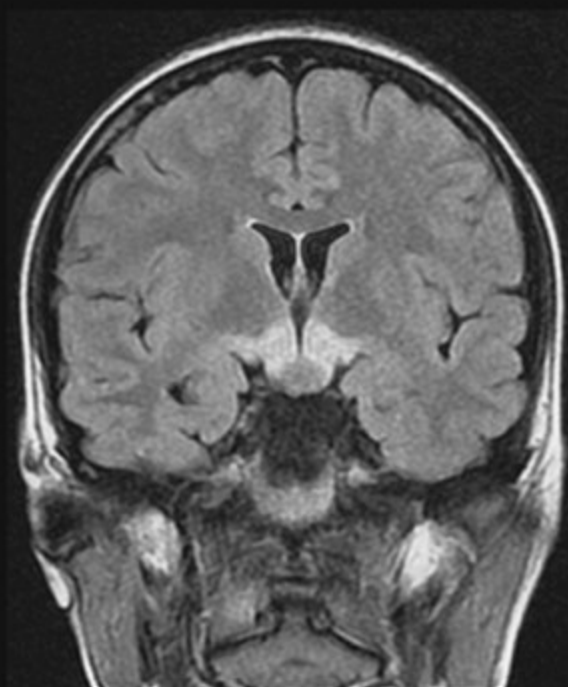
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Rapor Basım Tarihi : 01.10.2015 14:02:30

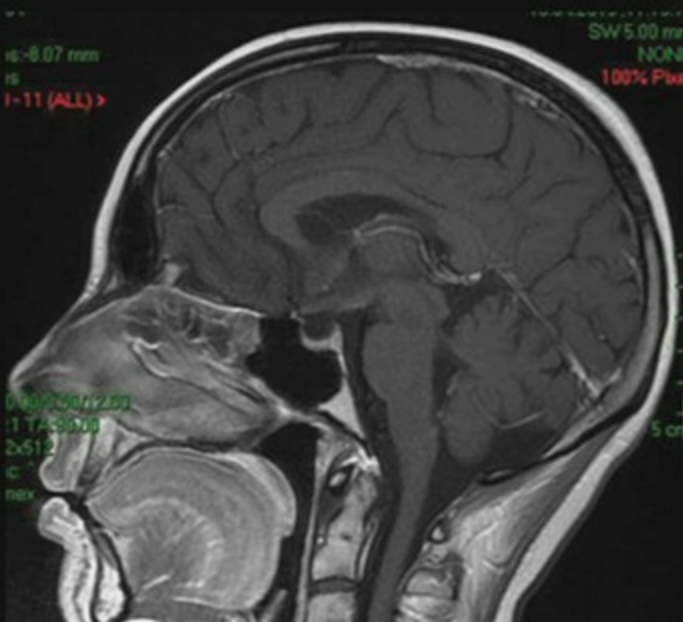
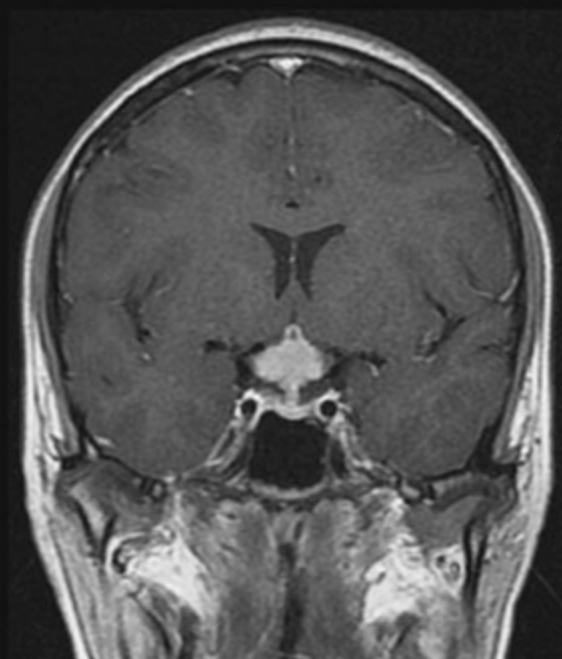
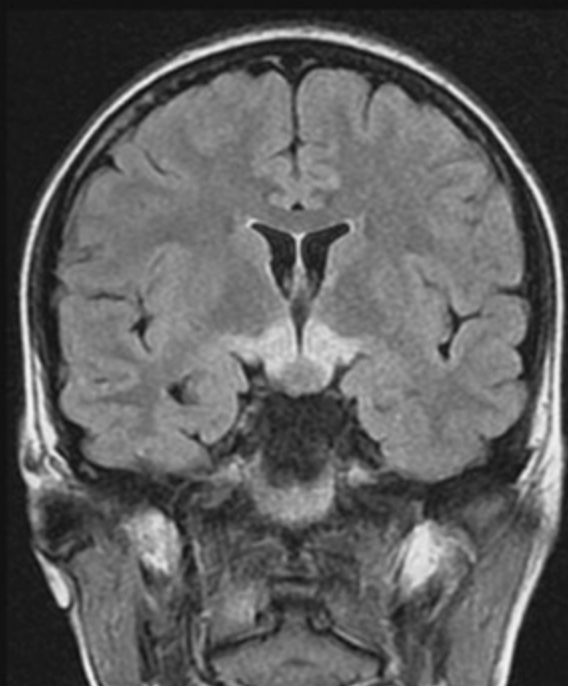
Doç. Dr. YEŞİM ERTAN

OLGU

- 14y K hasta
- Görme bozukluğu







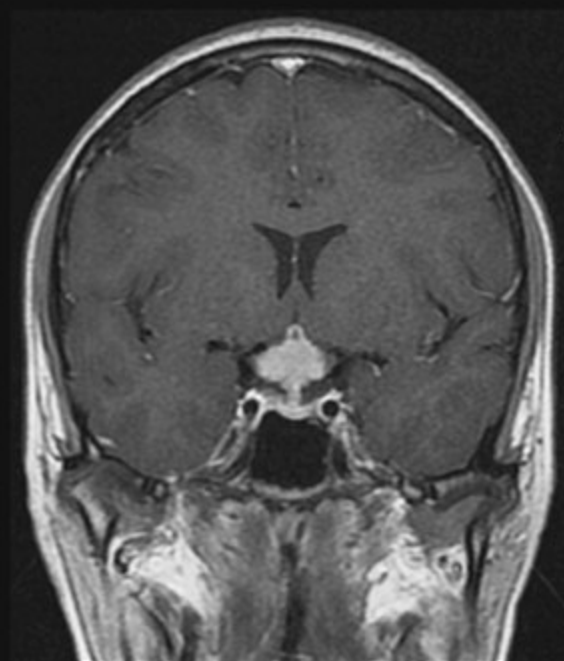
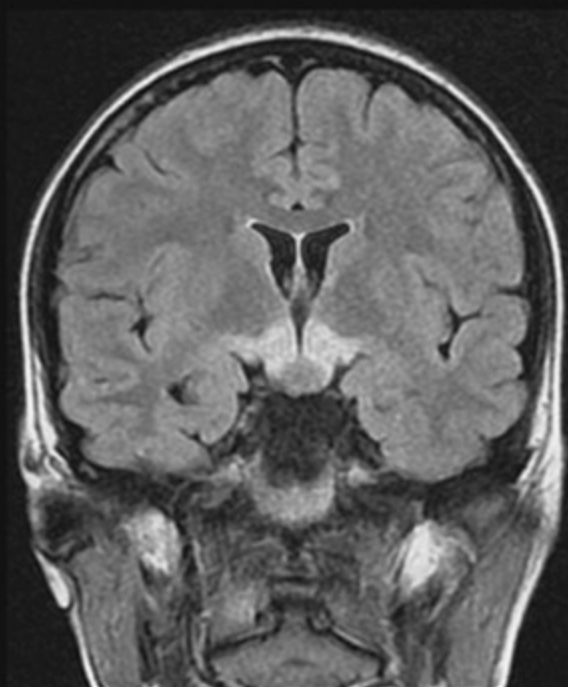
Tanınız nedir?

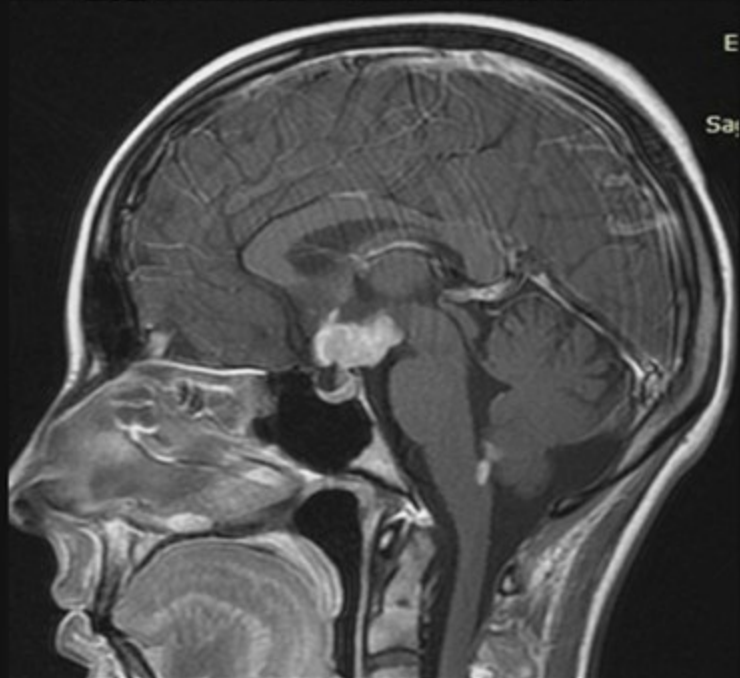
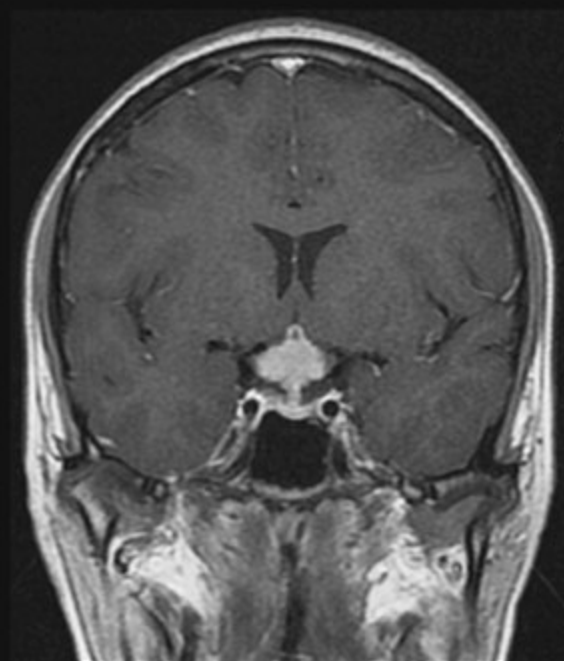
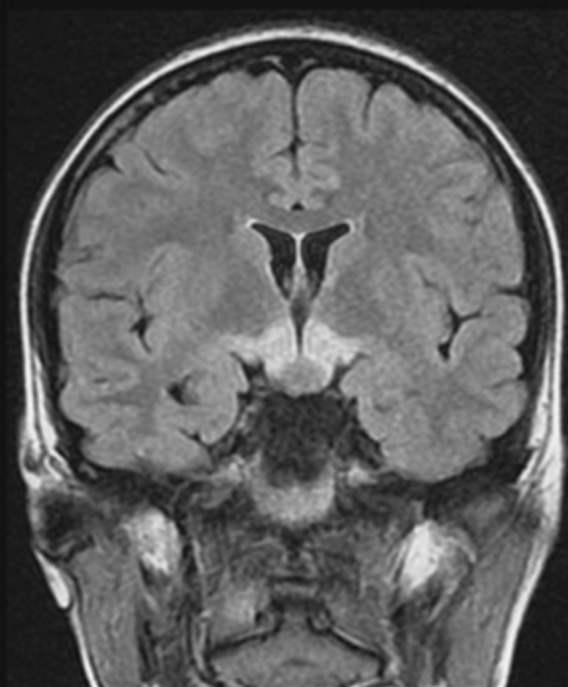
- A. Makroadenom
- B. Meninjiom
- C. Metastaz
- D. Optik gliom
- E. Germinom

Tanınız nedir?

- A. Makroadenom
- B. Meninjiom
- C. Metastaz
- D. Optik gliom
- E. Germinom

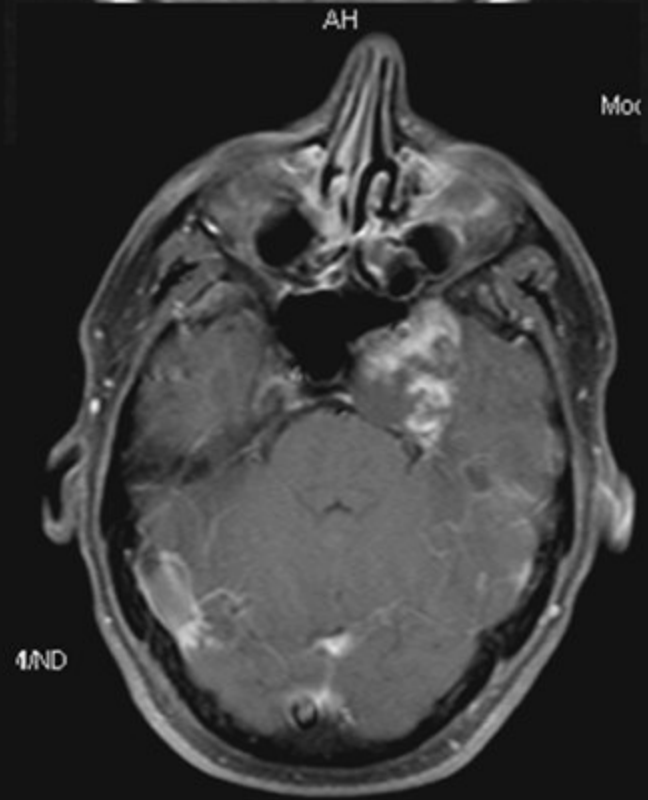
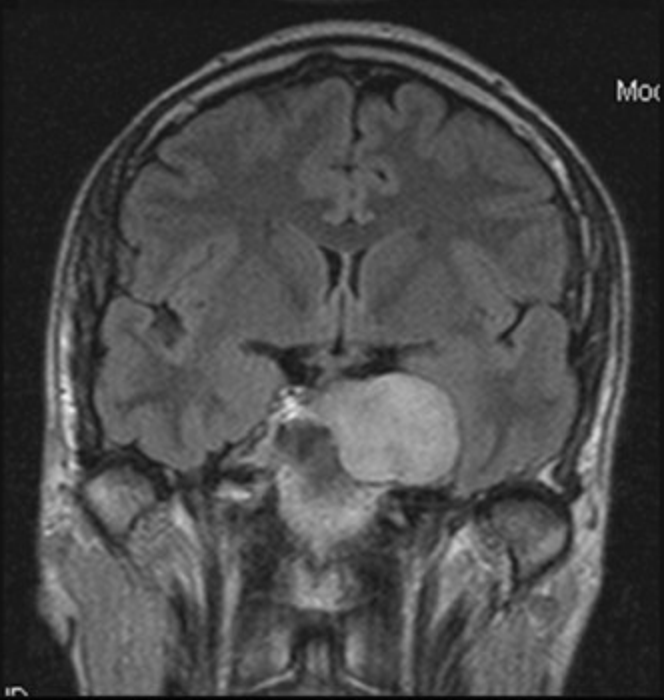
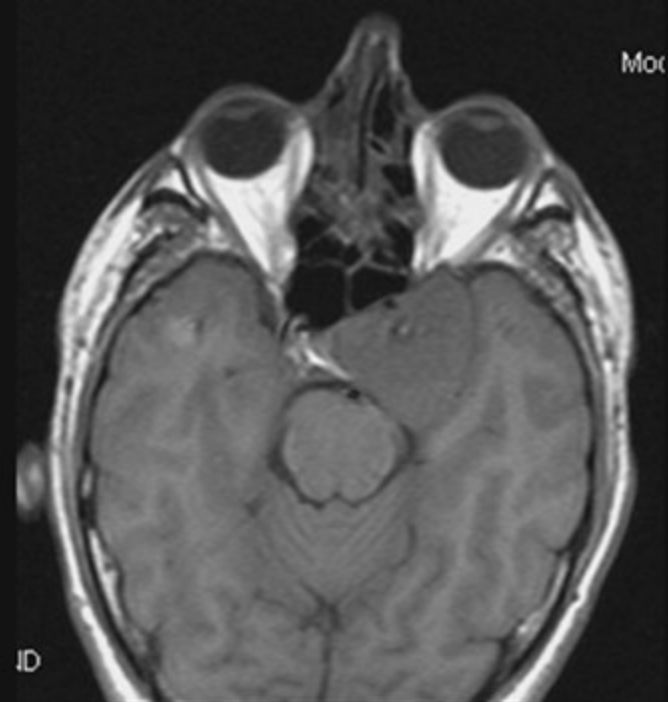






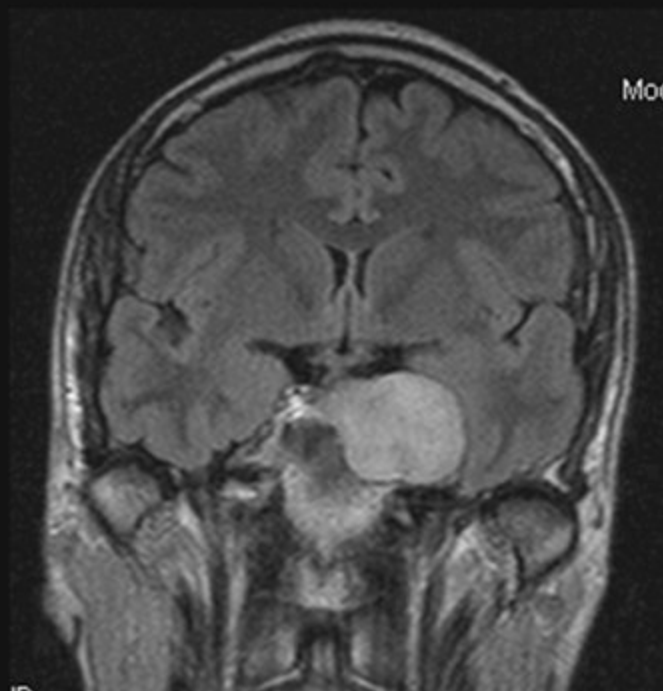
OLGU

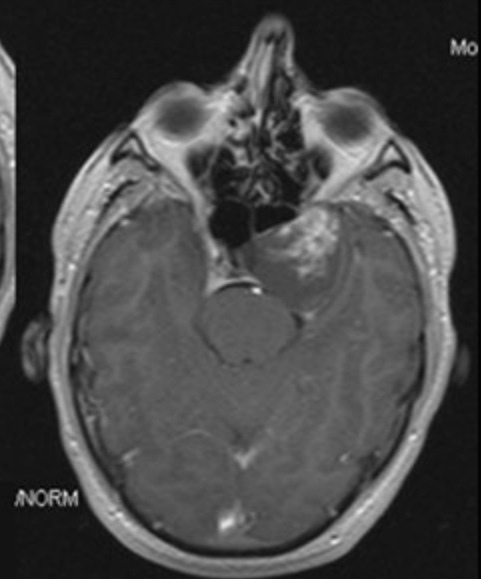
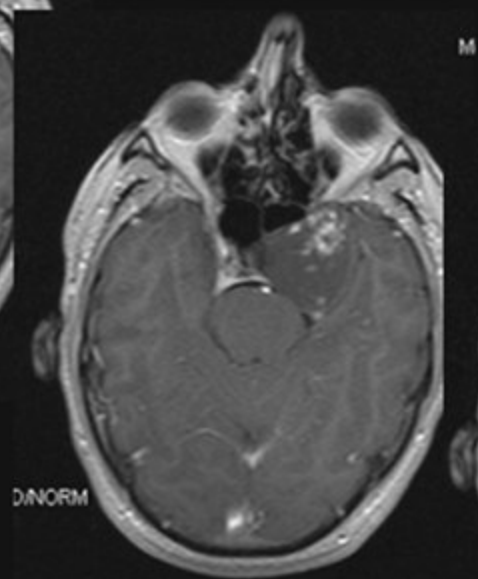
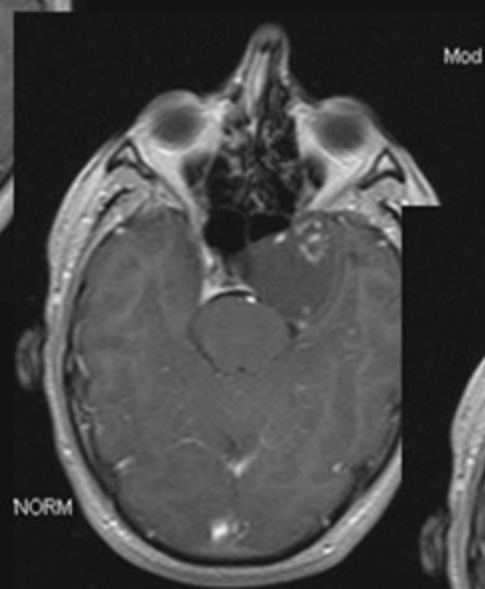
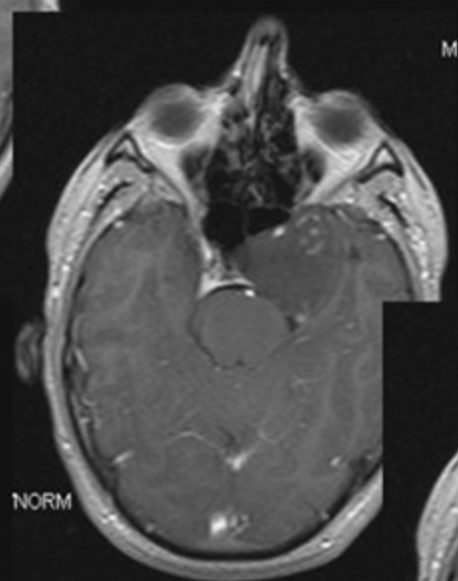
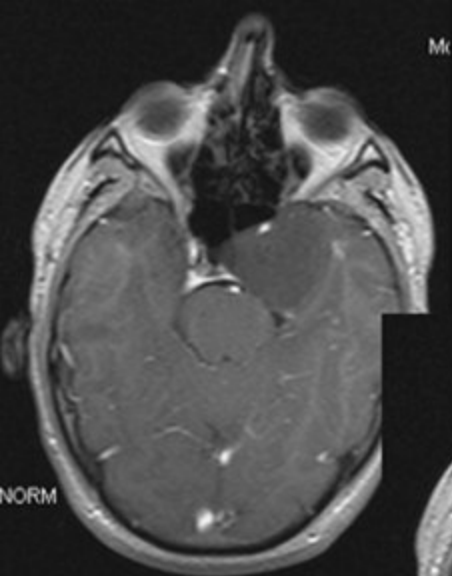
- 34y E hasta
- Trigeminal nevralji

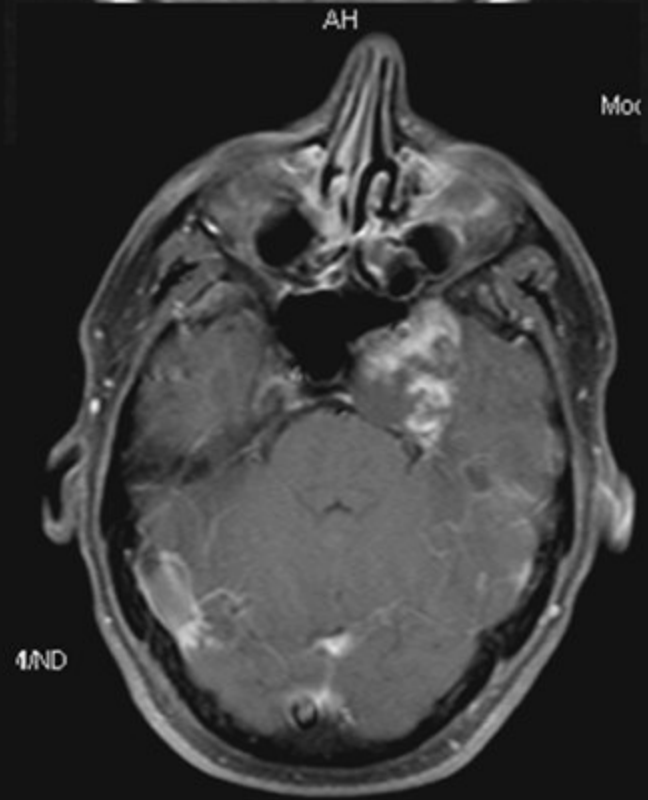
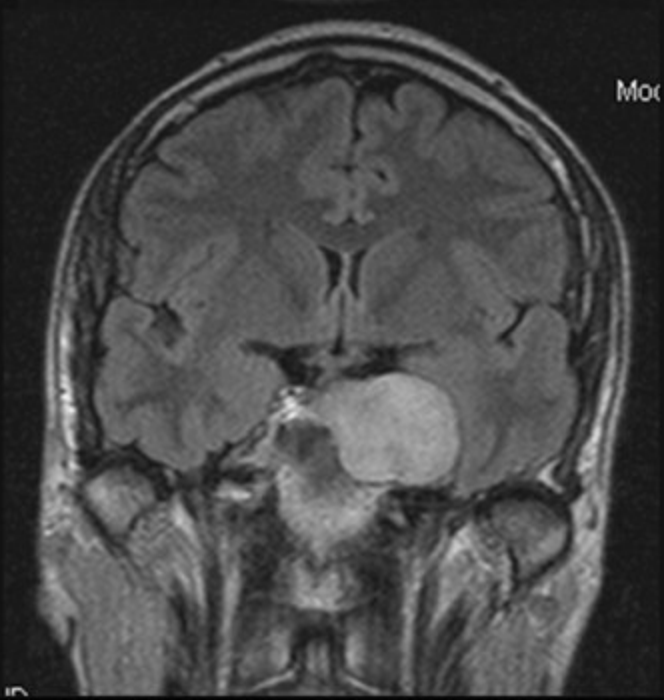
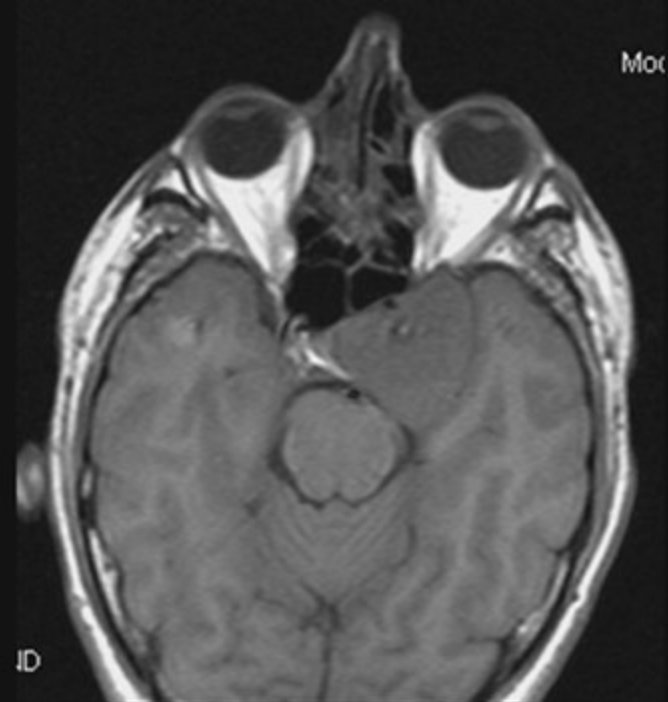


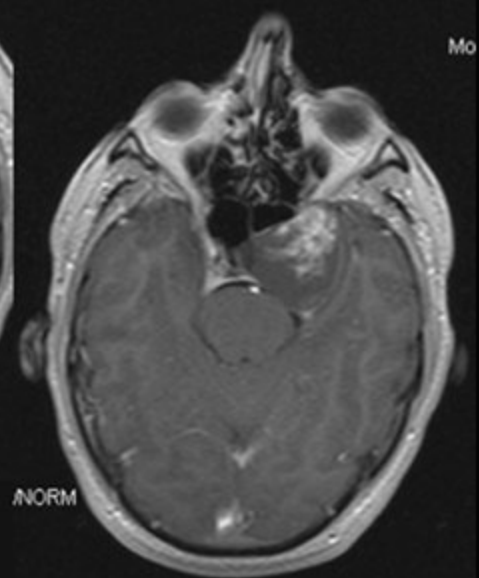
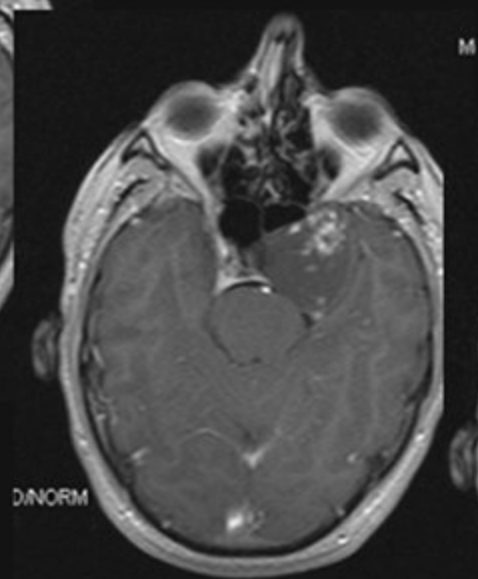
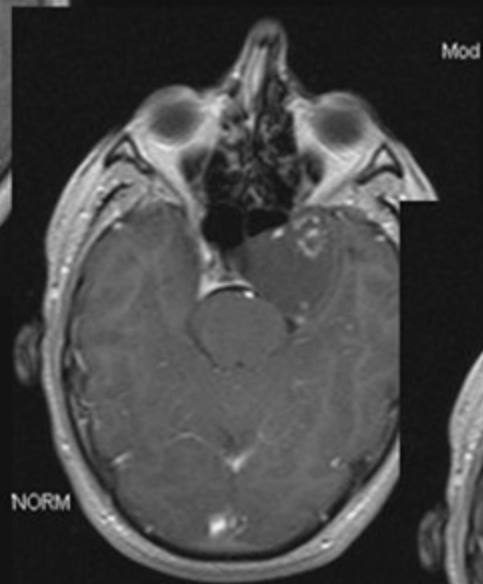
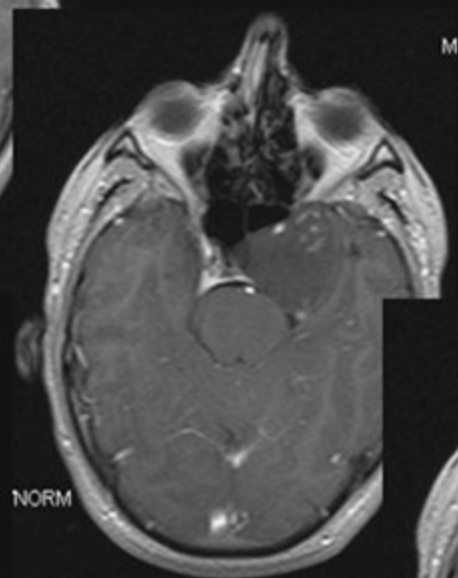
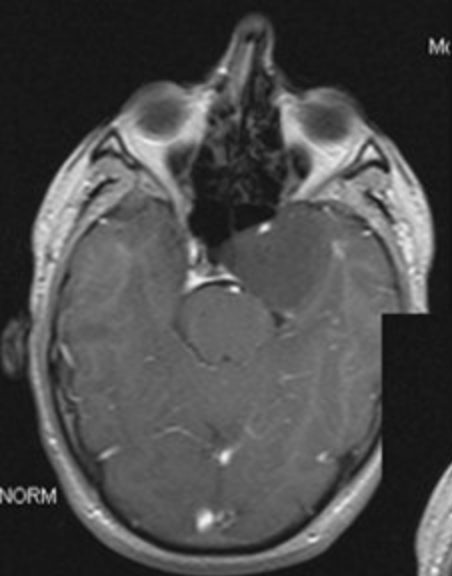
Tanınız nedir?

- A. Meninjiom
- B. Nörinom
- C. Lenfoma
- D. Metastaz
- E. Hiçbiri

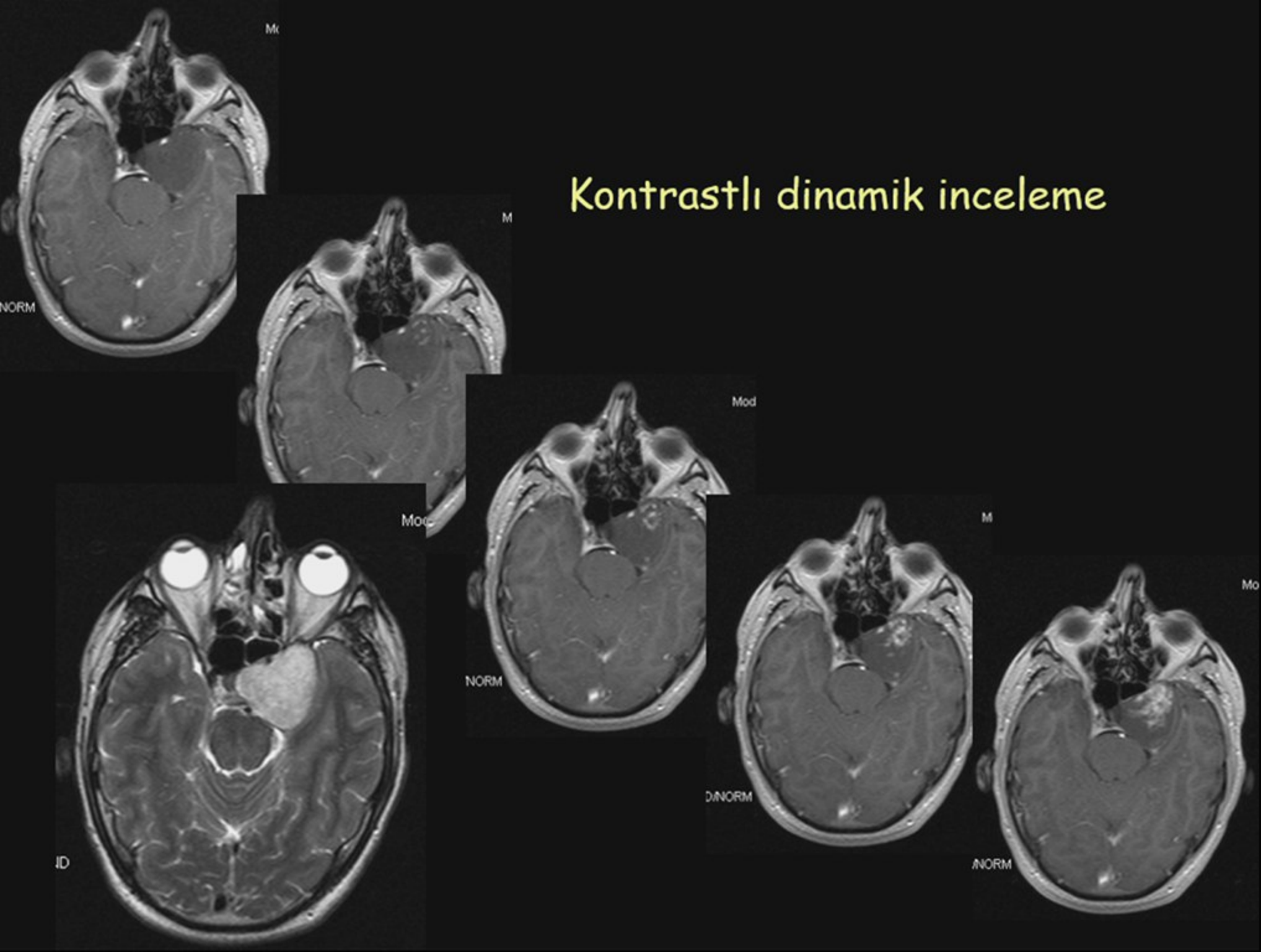








Kontrastlı dinamik inceleme

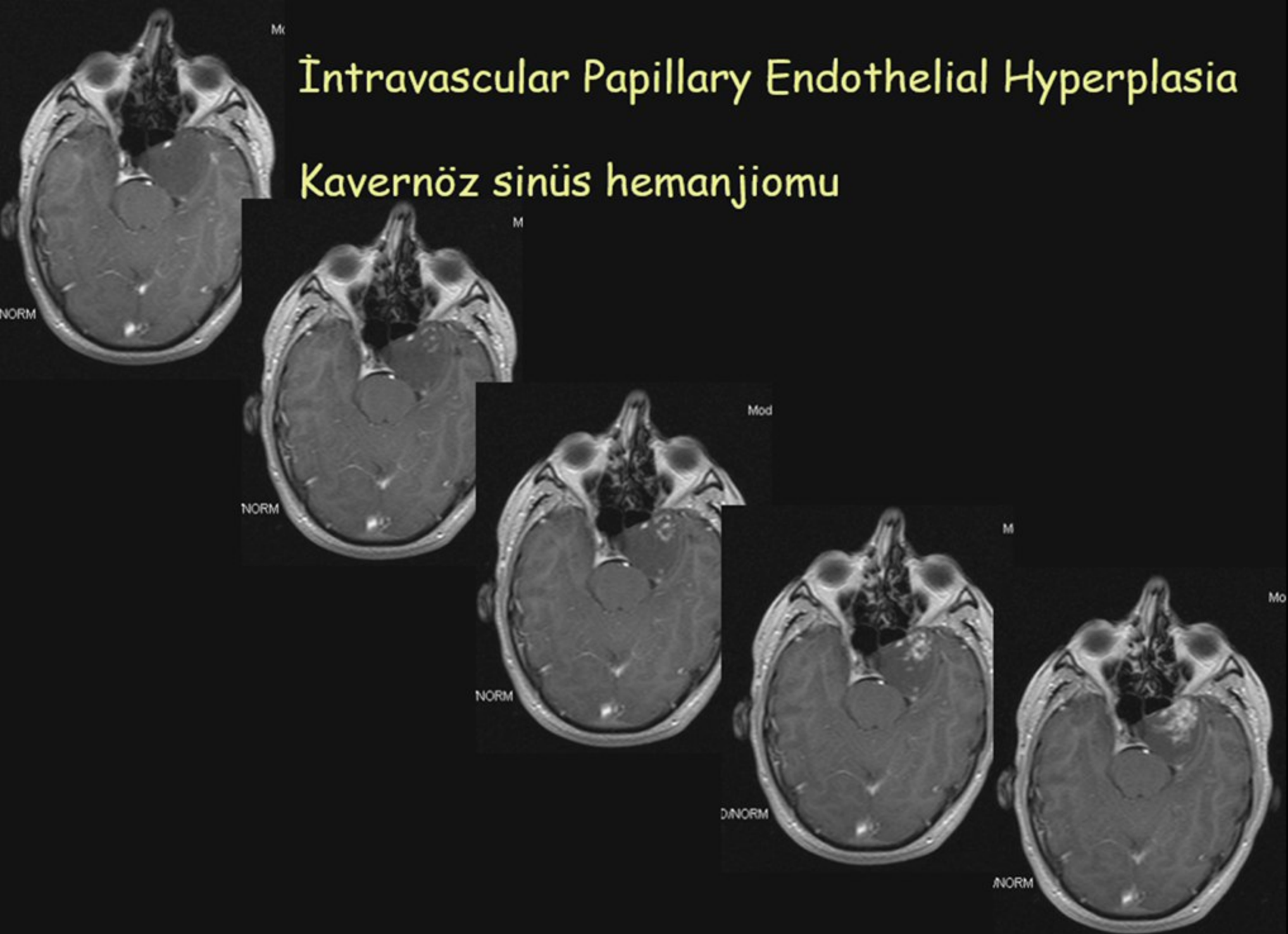


Tanınız değişti mi?

- A. Meninjiom
- B. Nörinom
- C. Lenfoma
- D. Metastaz
- E. Hemanjiom

İntravascular Papillary Endothelial Hyperplasia

Kavernöz sinüs hemanjiomu

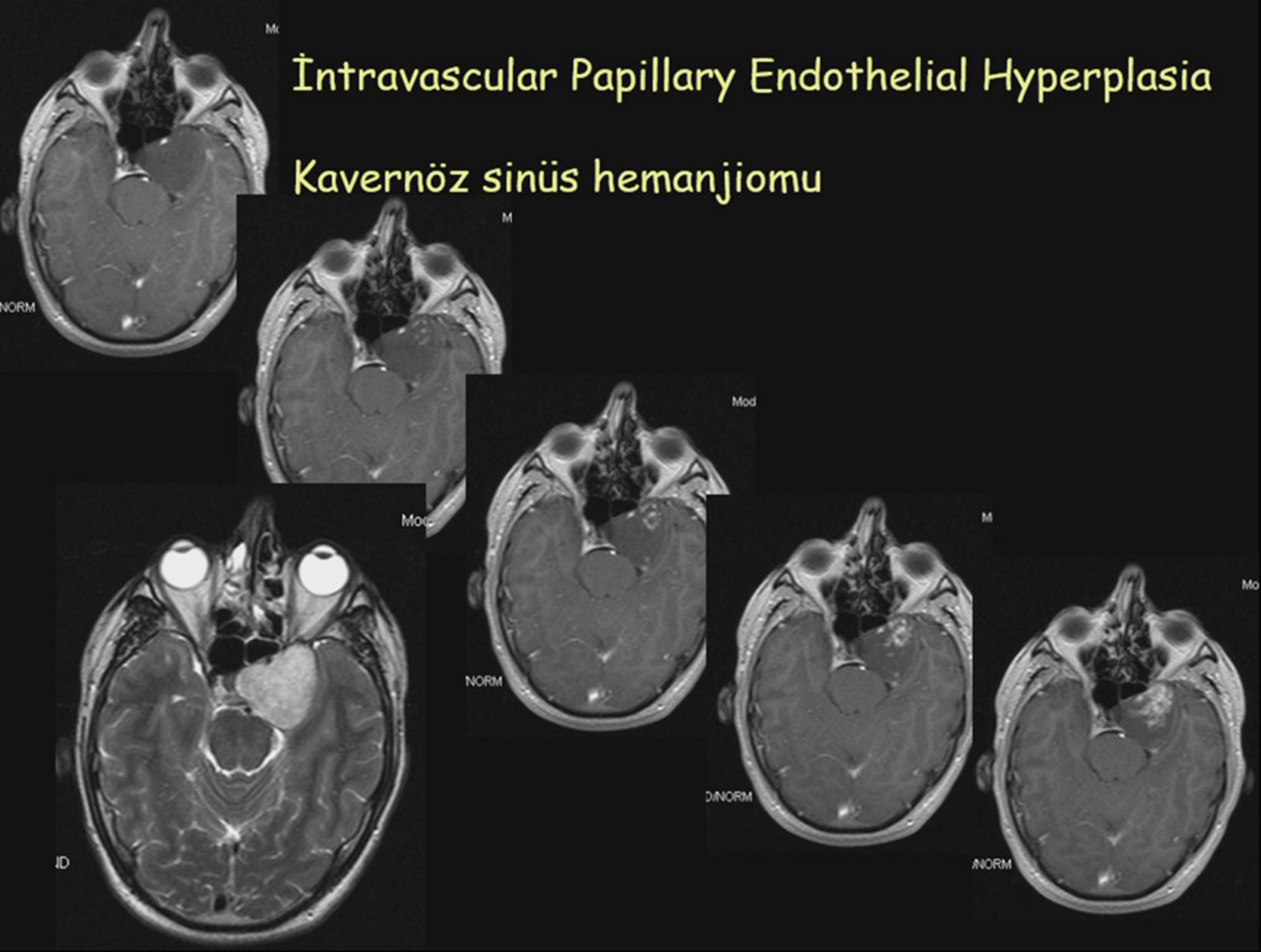


OLGU

- 18y K hasta
- Başdönmesi, hipoestezi

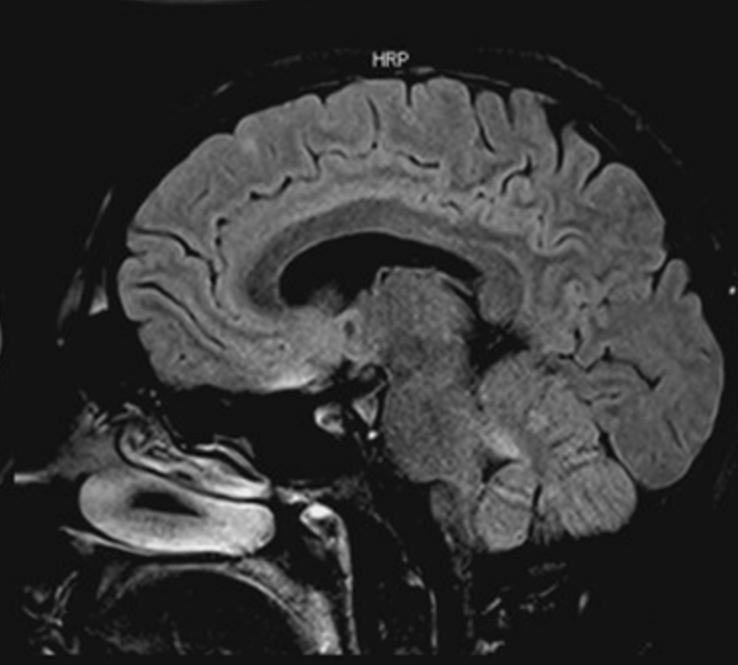
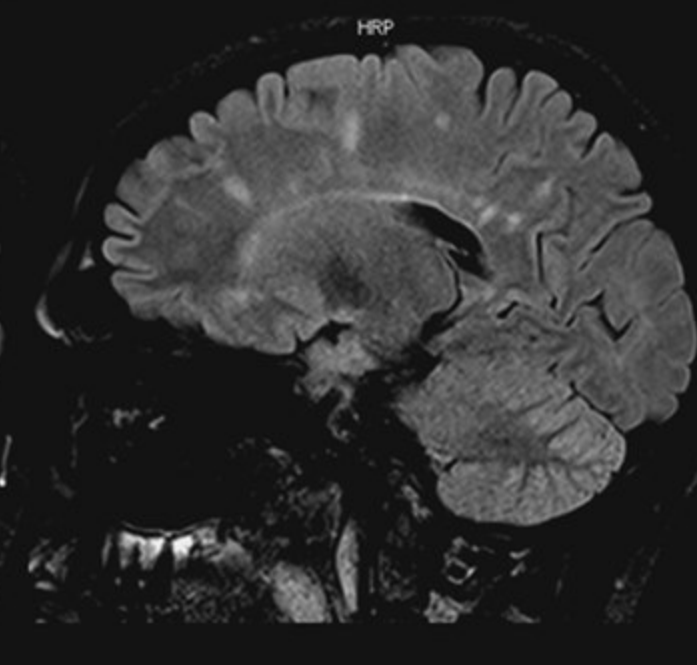
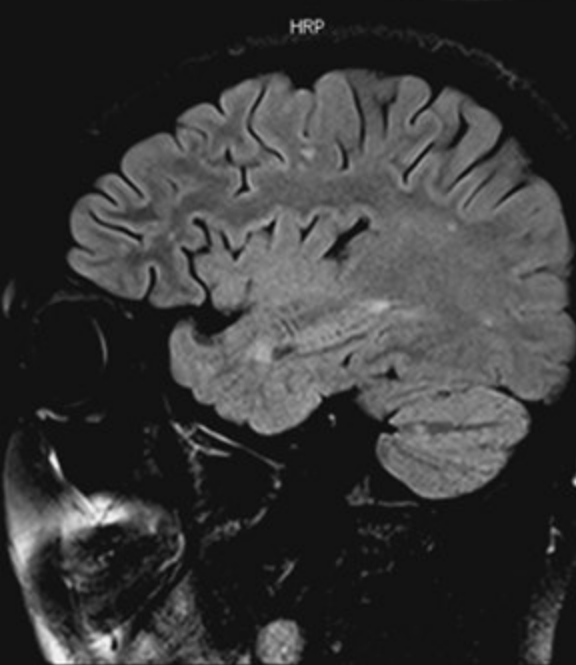
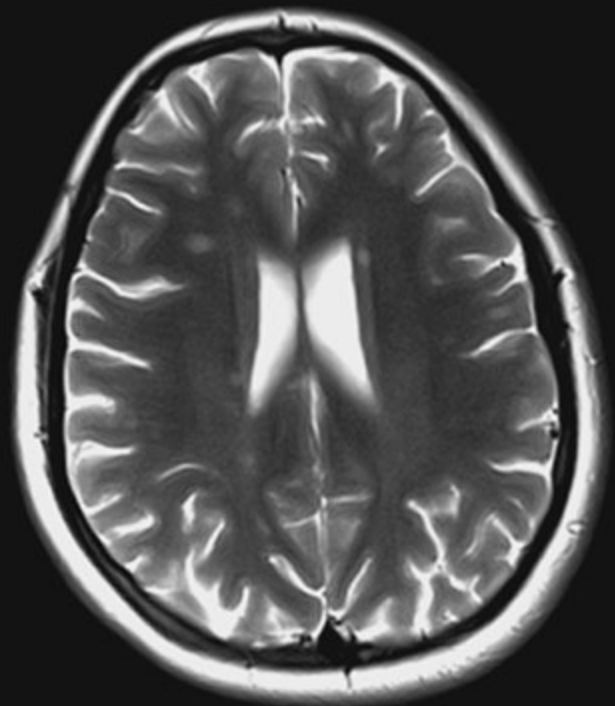
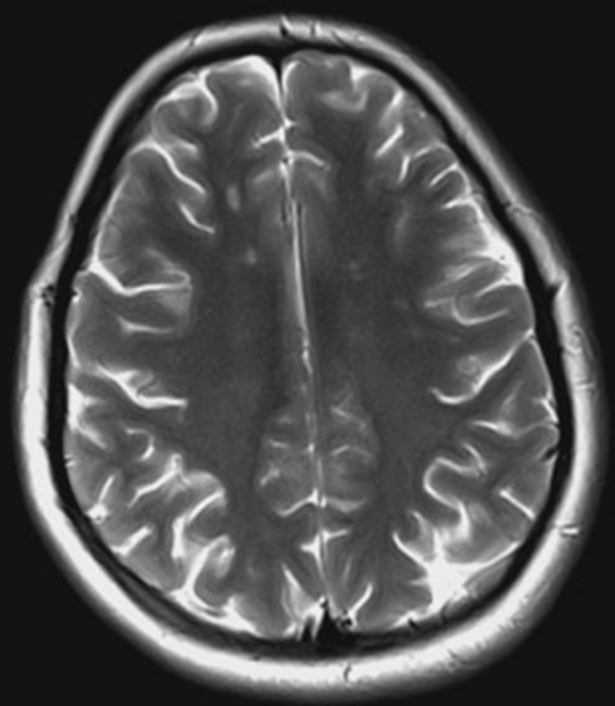
İntravascular Papillary Endothelial Hyperplasia

Kavernöz sinüs hemanjiomu



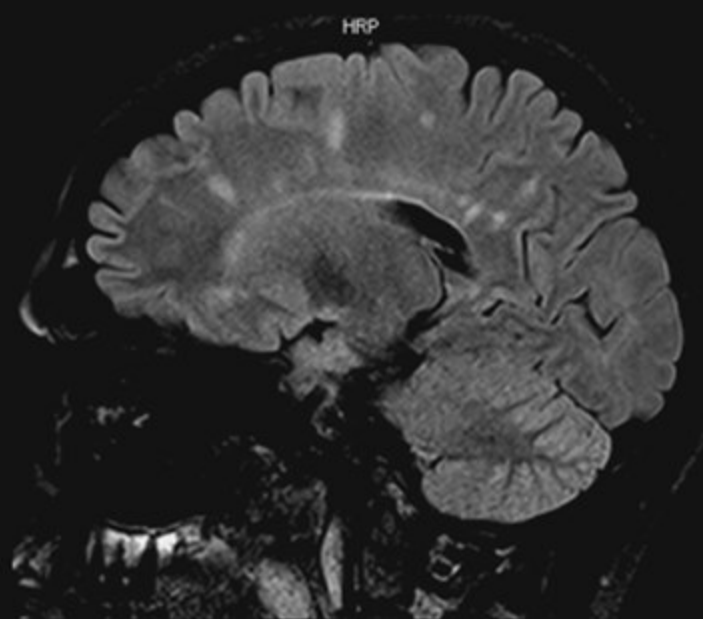
OLGU

- 18y K hasta
- Başdönmesi, hipoestezi



Tanınız nedir?

- A. Kronik iskemik gliosis odakları
- B. MS plakları
- C. ADEM
- D. Metastaz
- E. Bilemedim

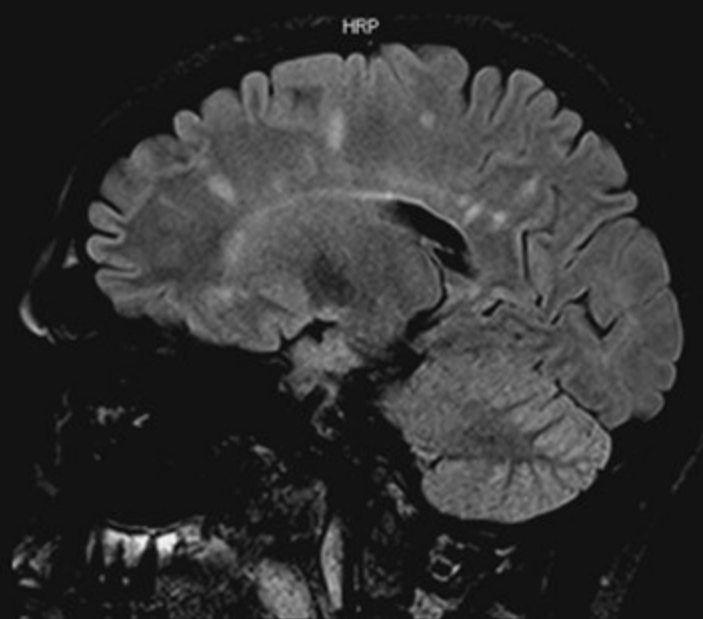


OLGU

- 43y E hasta
- Başdönmesi, baş ağrısı, GİA

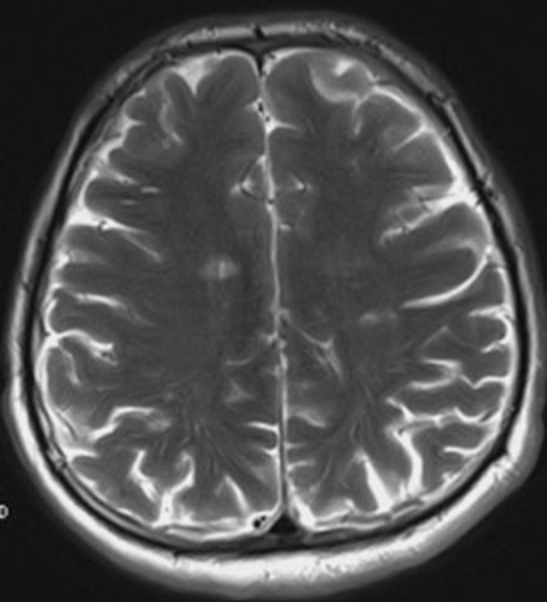
Tanınız nedir?

- A. Kronik iskemik gliosis odakları
- B. MS plakları
- C. ADEM
- D. Metastaz
- E. Bilemedim

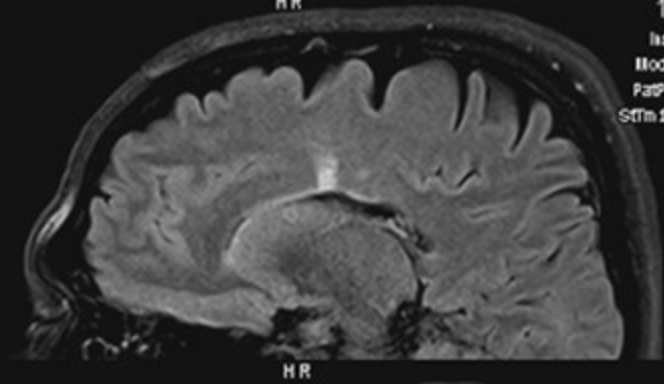
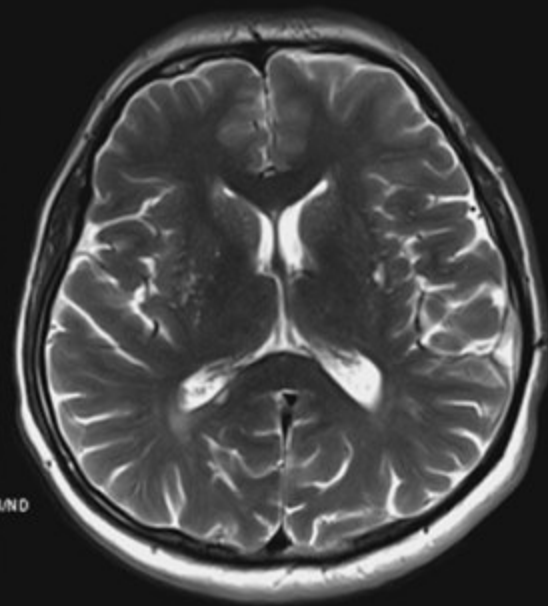


OLGU

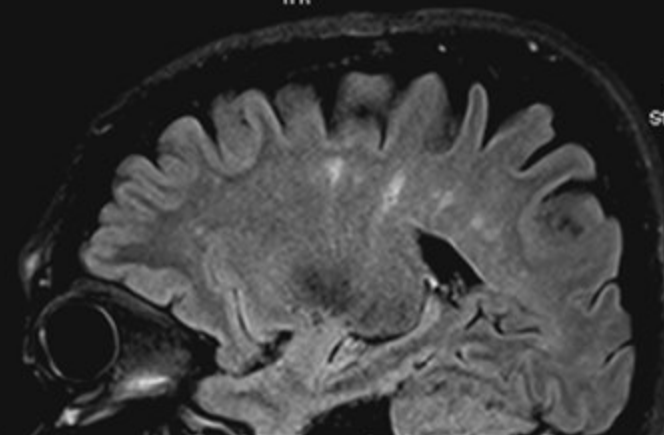
- 43y E hasta
- Başdönmesi, baş ağrısı, GİA



IND



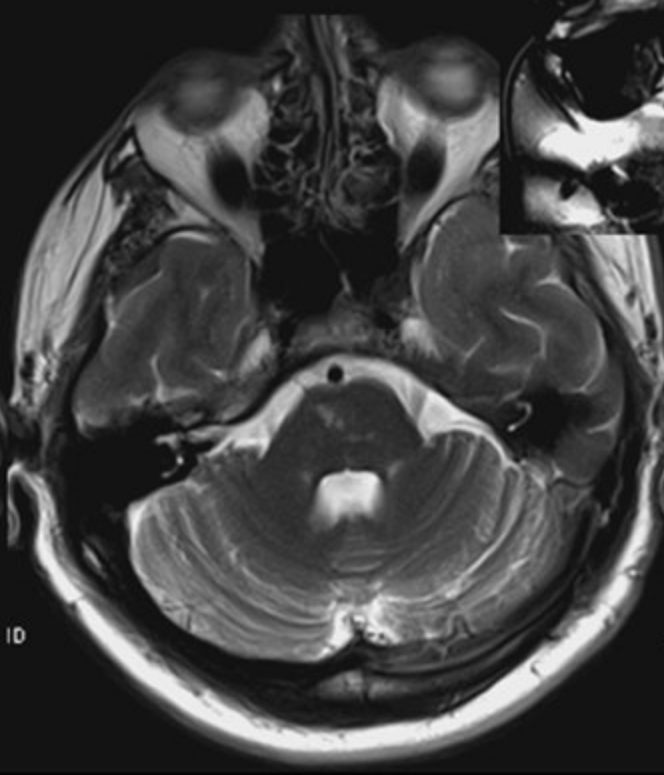
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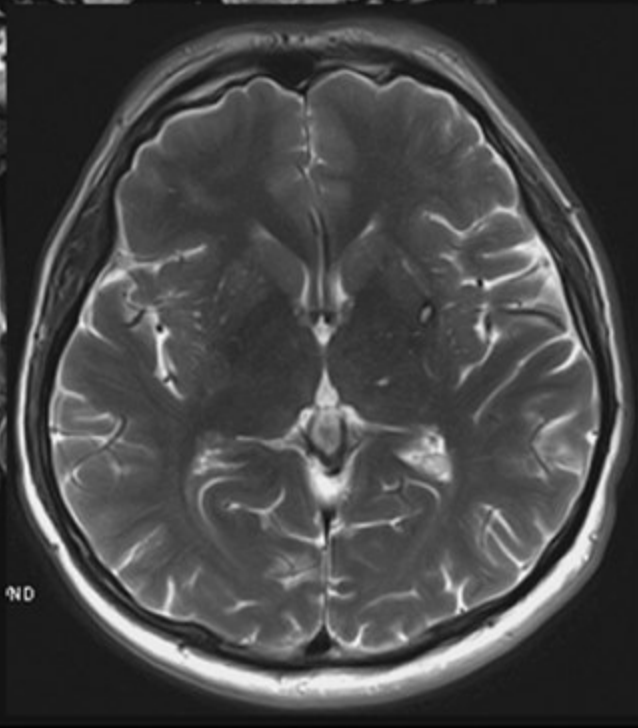
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IND



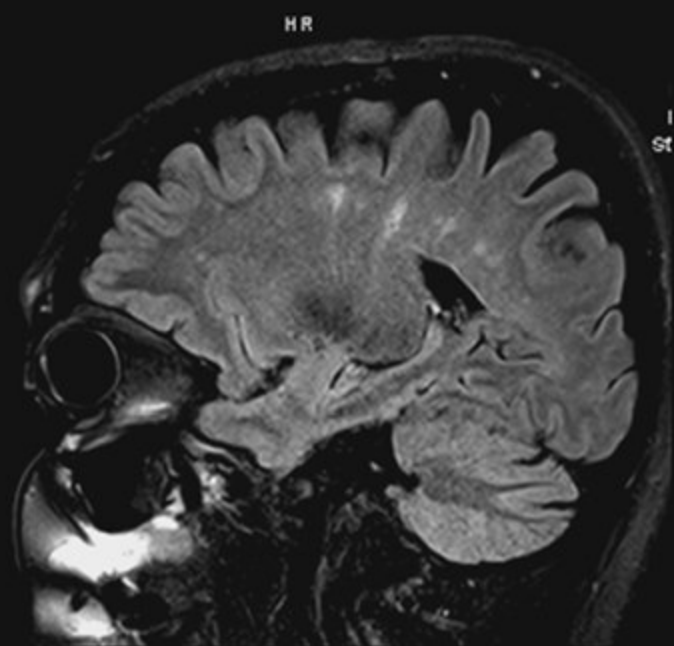
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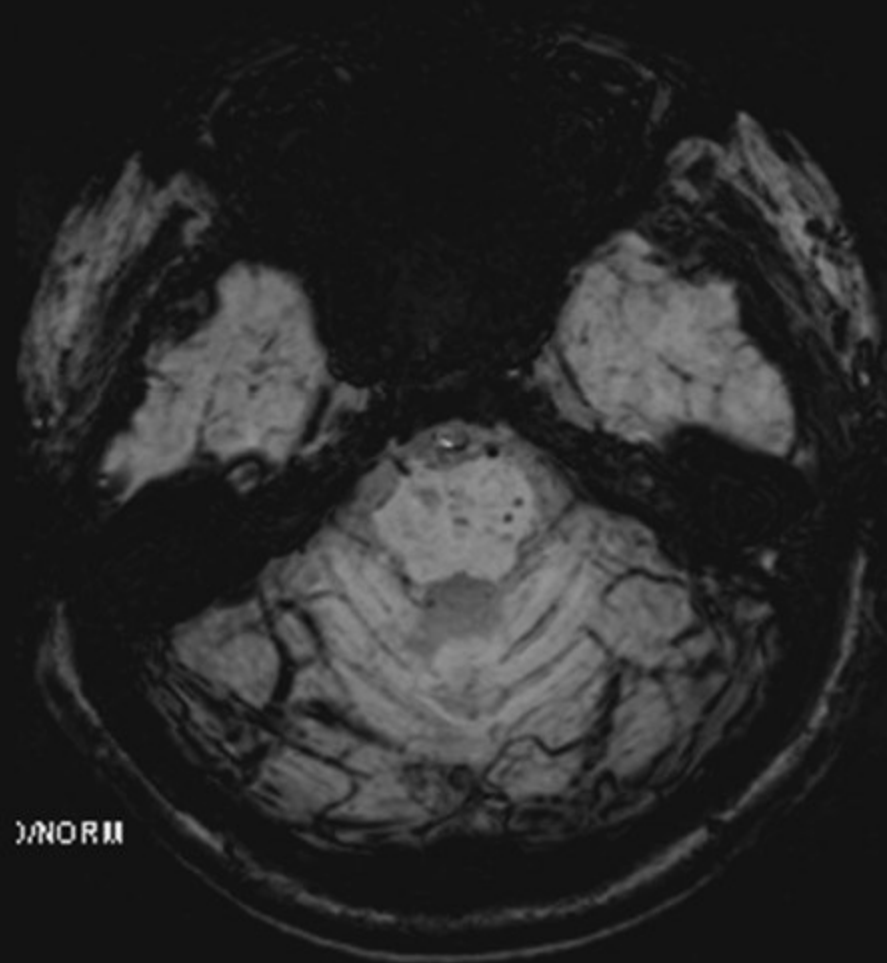
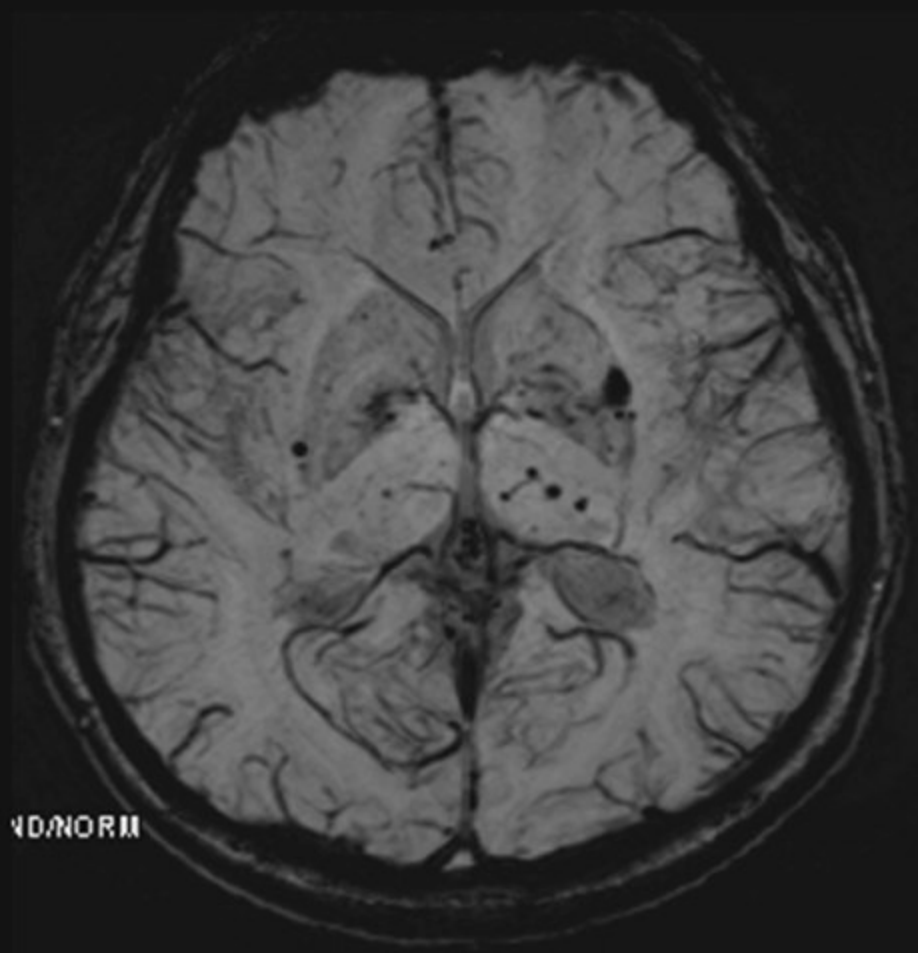


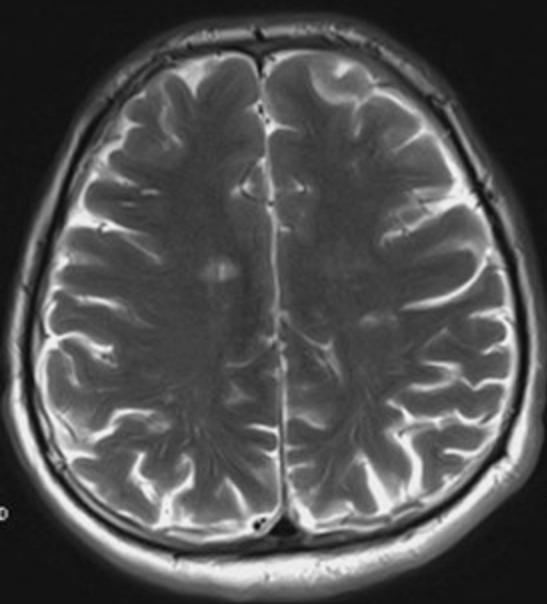
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Tanınız nedir?

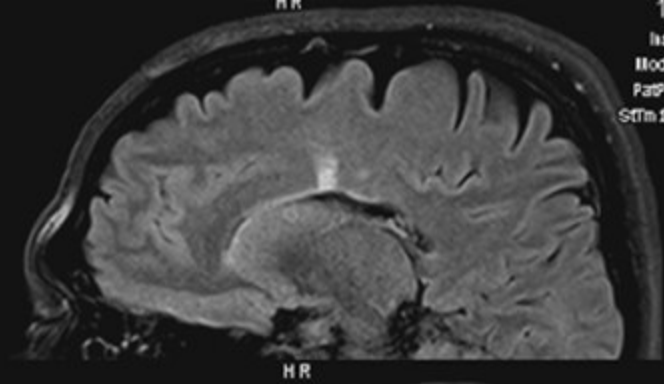
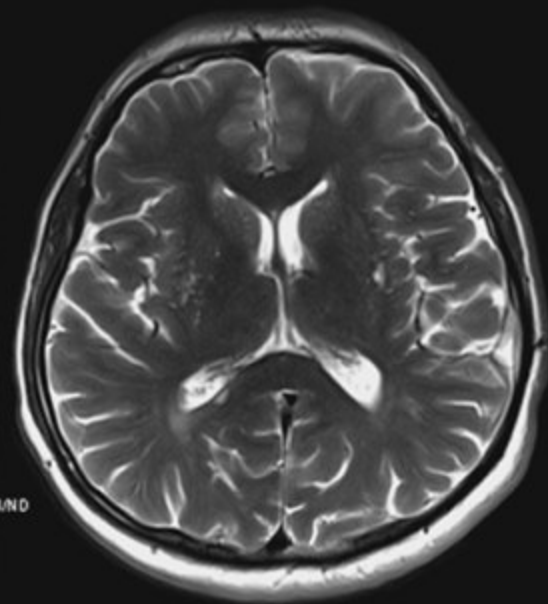
- A. Kronik iskemik gliosis odakları
- B. MS plakları
- C. ADEM
- D. Metastaz
- E. Bilemedim



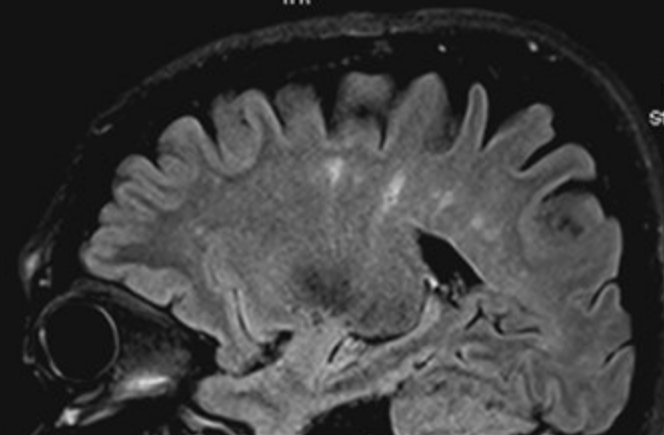




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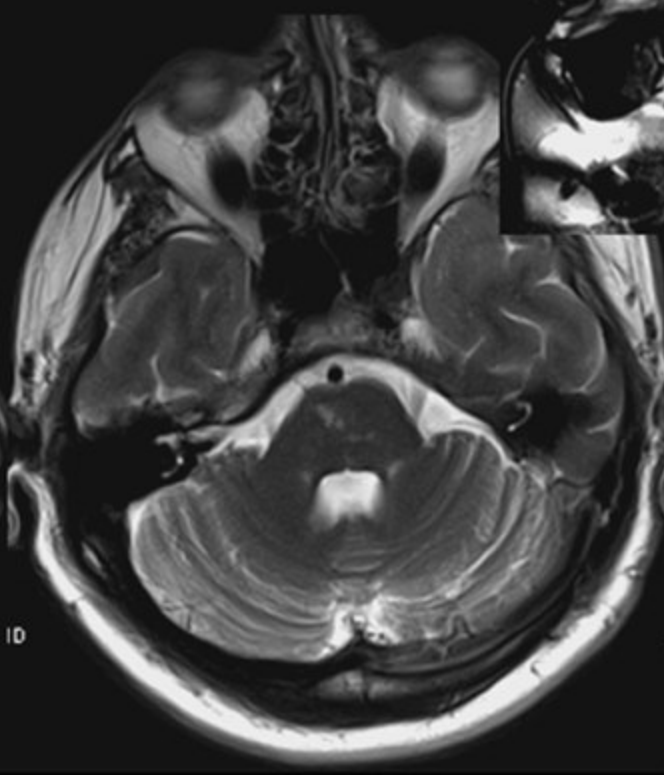
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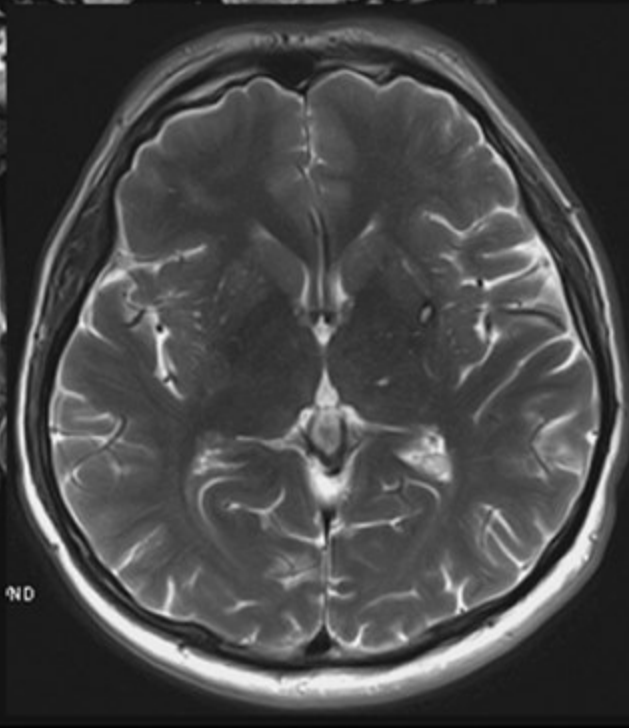
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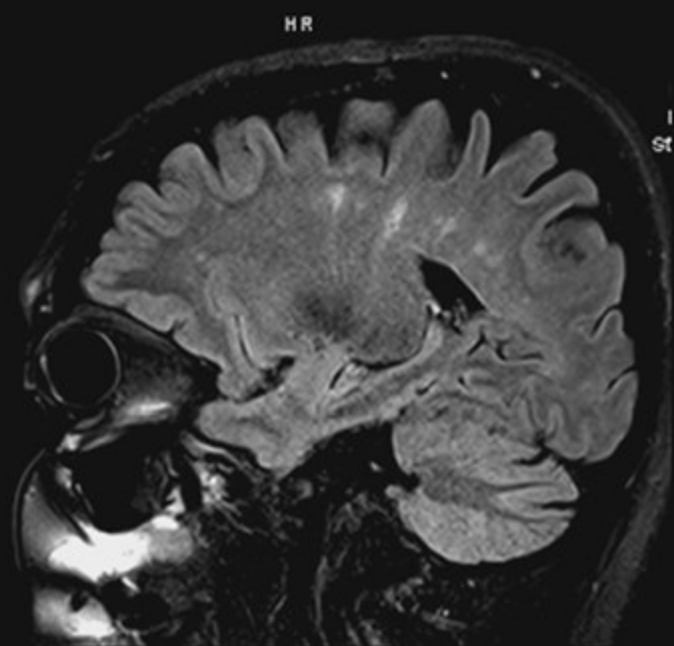
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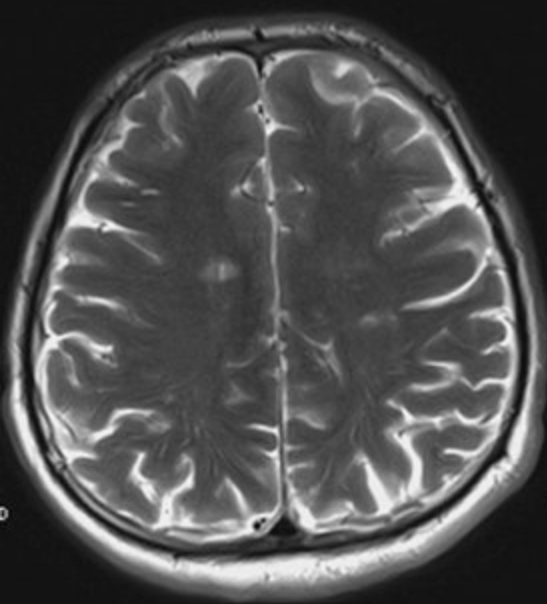


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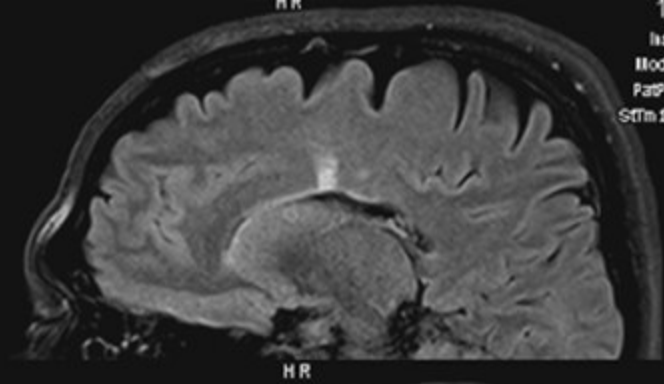
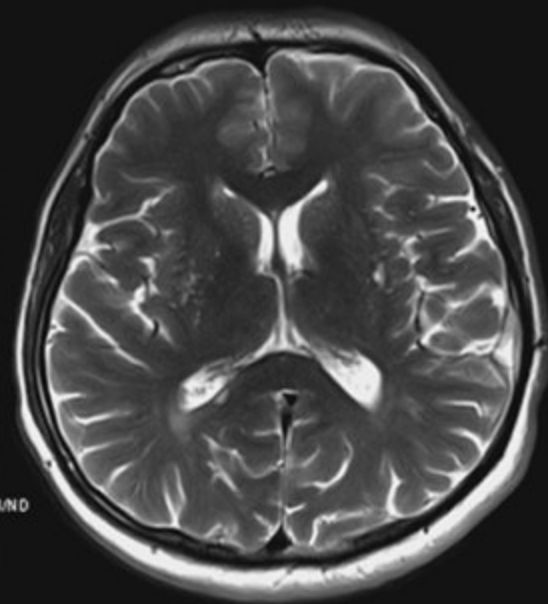
Tanınız nedir?

- A. Kronik iskemik gliosis odakları
- B. MS plakları
- C. ADEM
- D. Metastaz
- E. Bilemedim

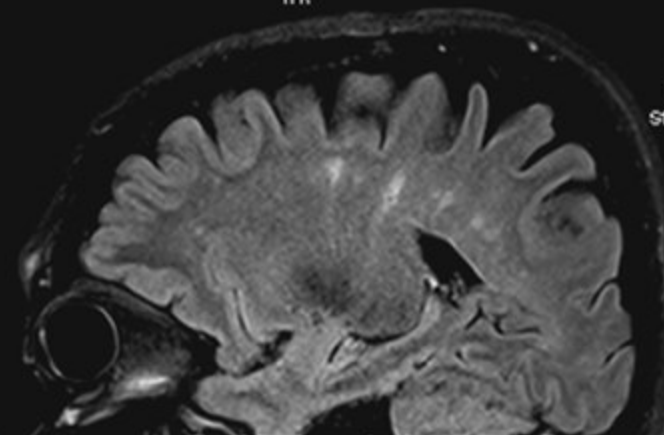




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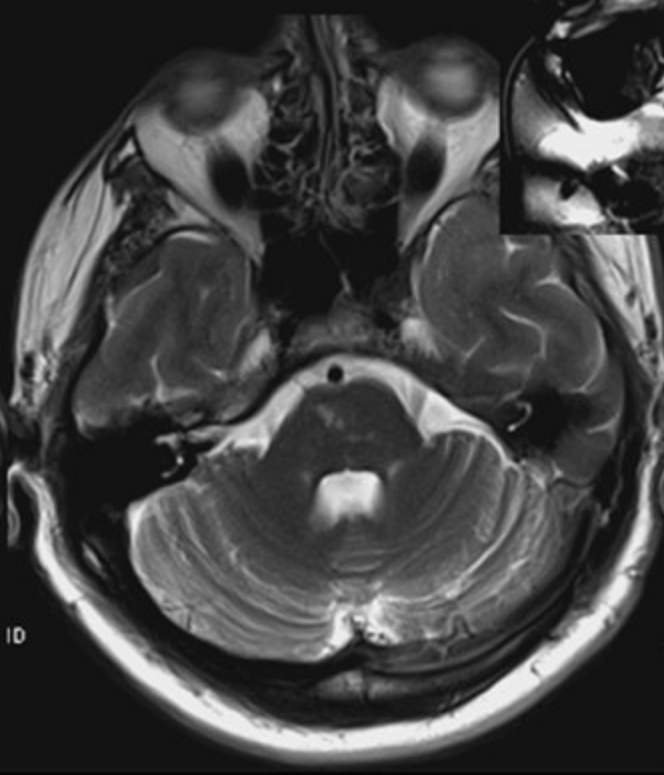
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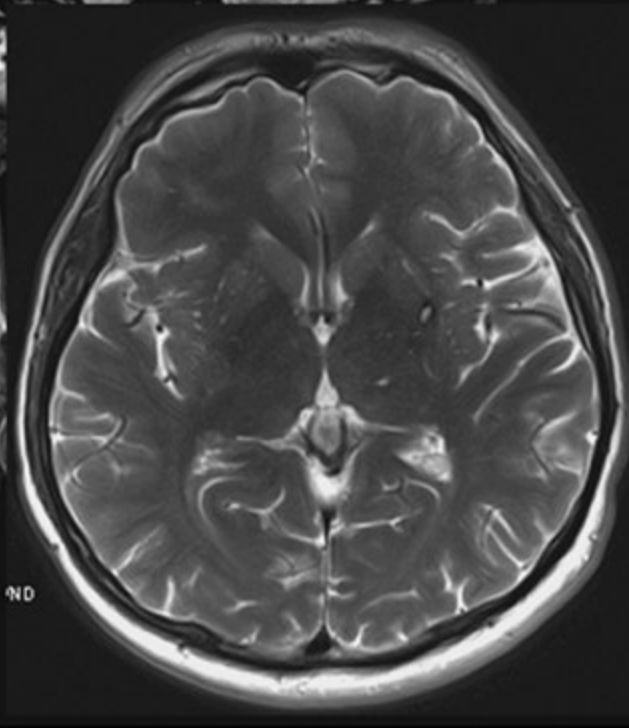
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St



IND



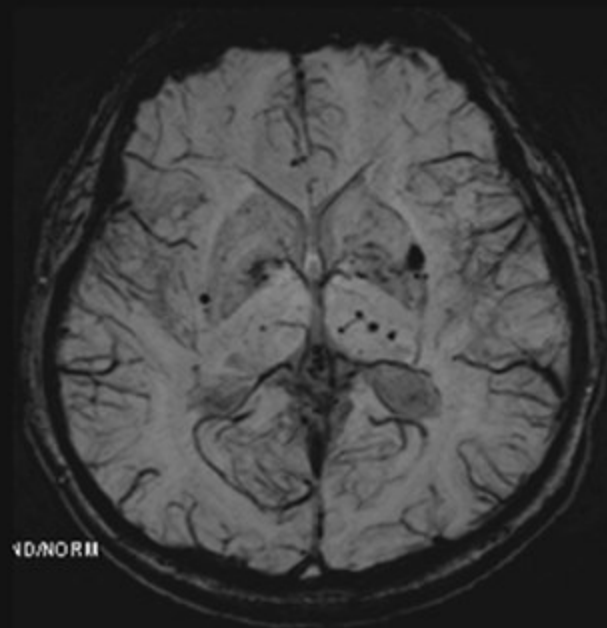
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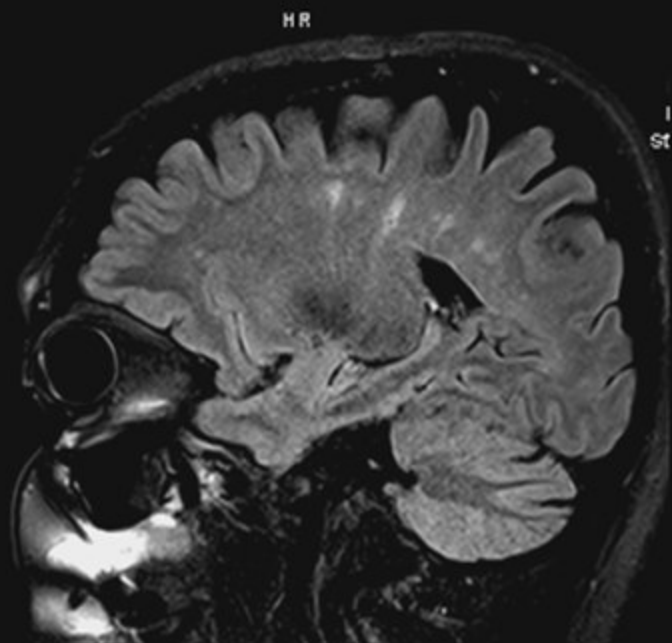


ND

Tanınız değişti mi?

- A. Kronik iskemik gliosis odakları
- B. MS plakları
- C. ADEM
- D. Metastaz
- E. İnatçıyım, ilk tanımı değiştirmem





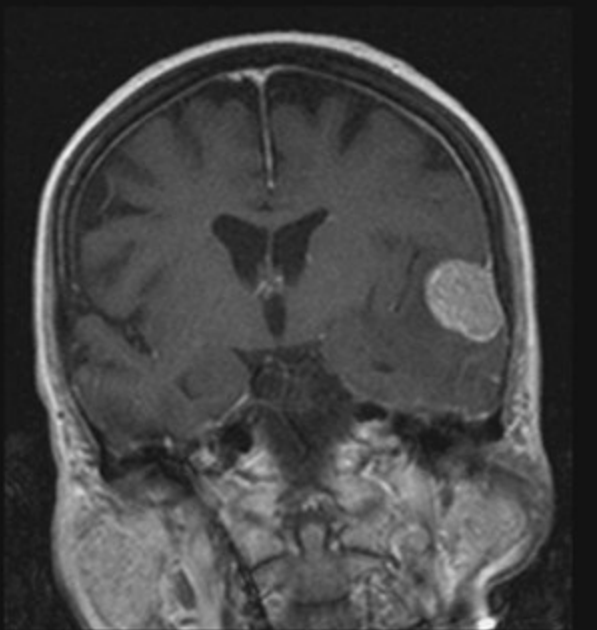
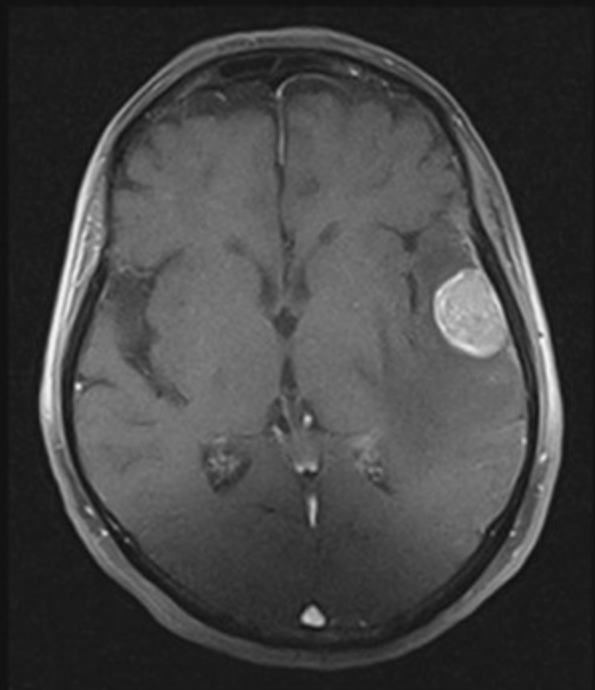
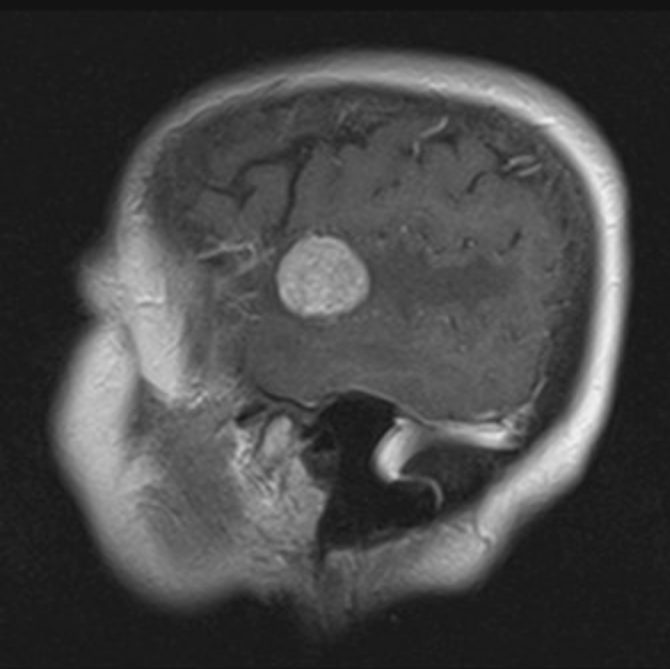
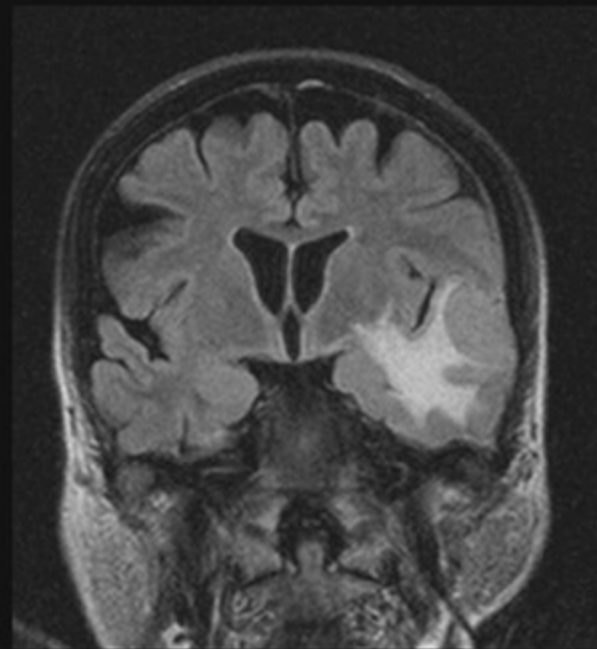
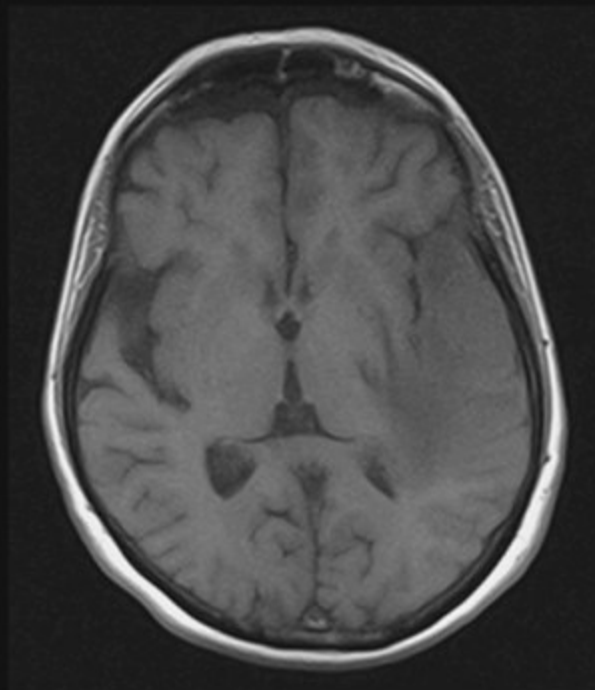
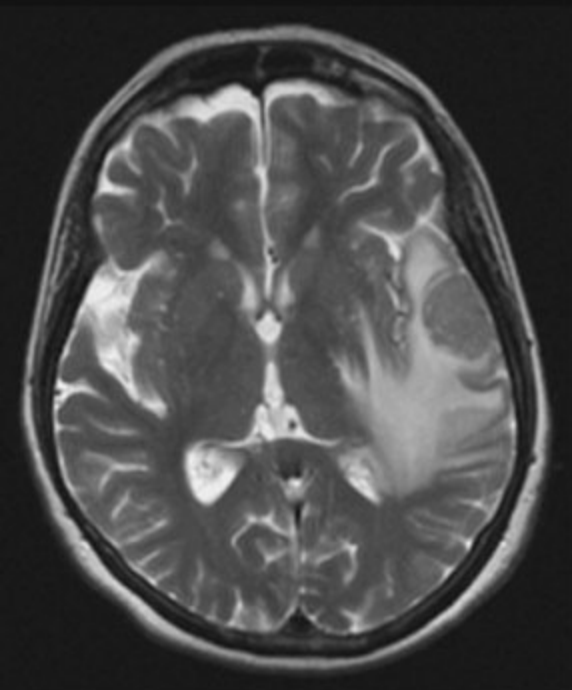
Kronik hipertansif ansefalopati, mikrokanama odakları

Case

73y F

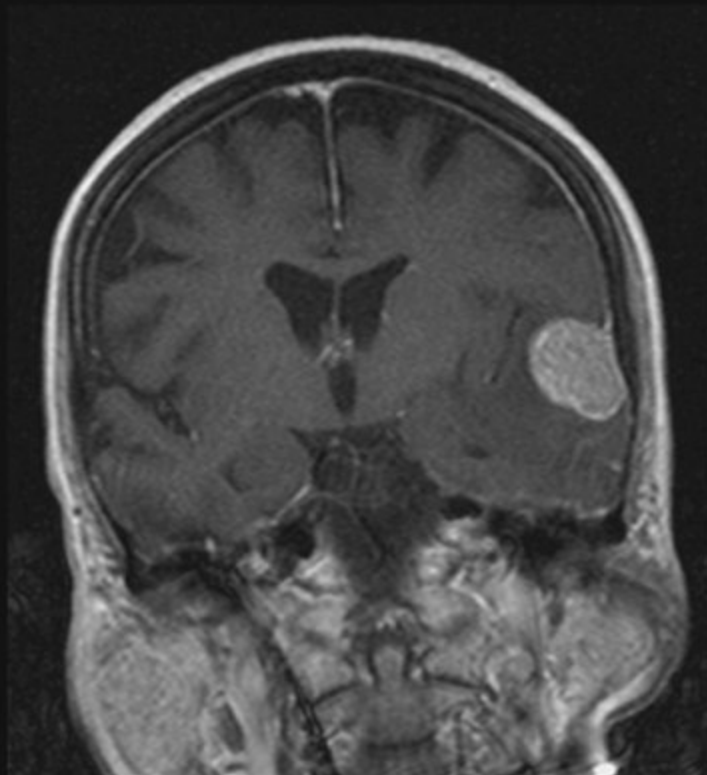
Progressive dysphasia

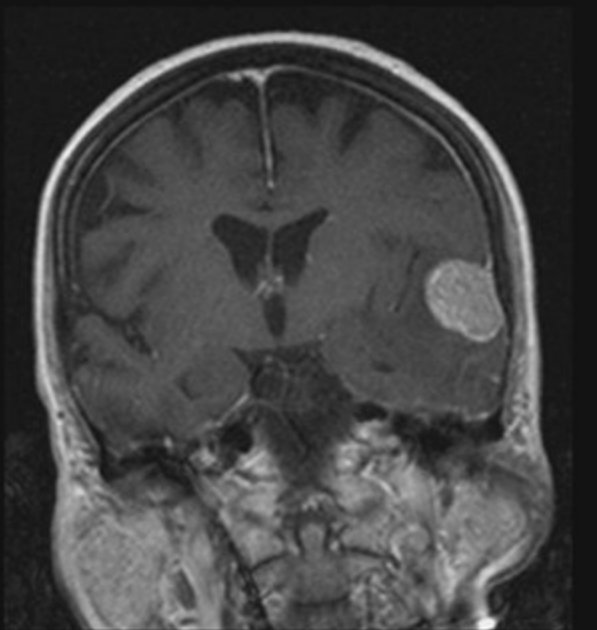
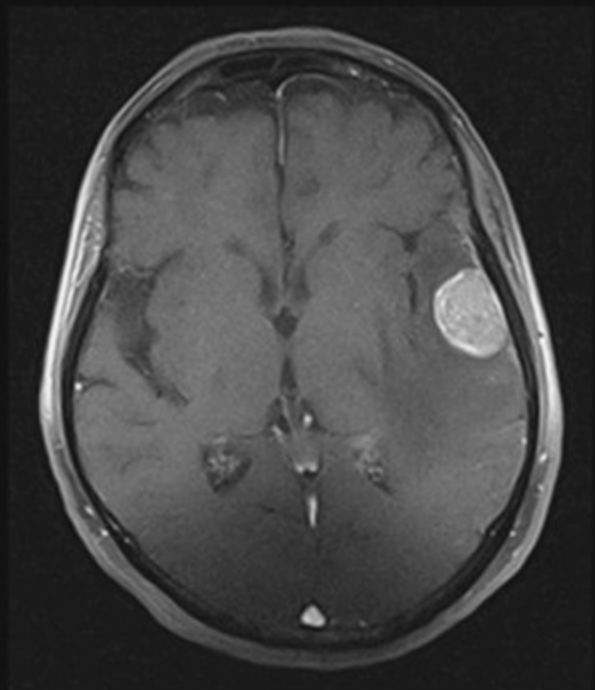
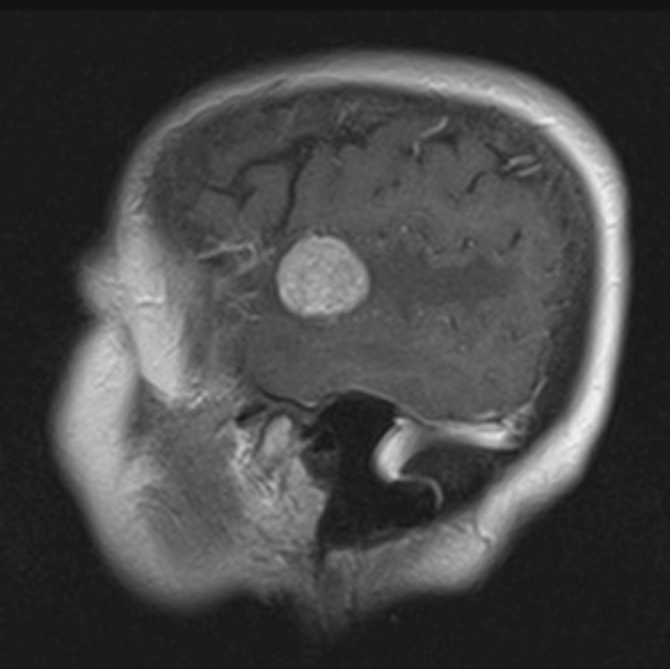
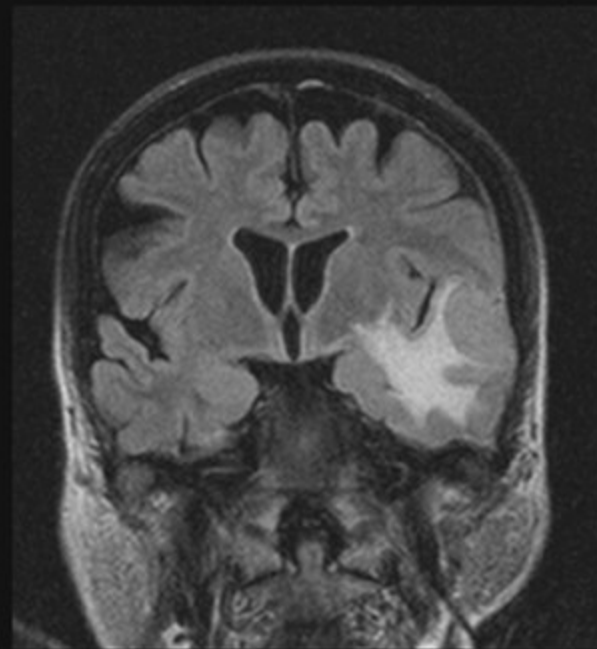
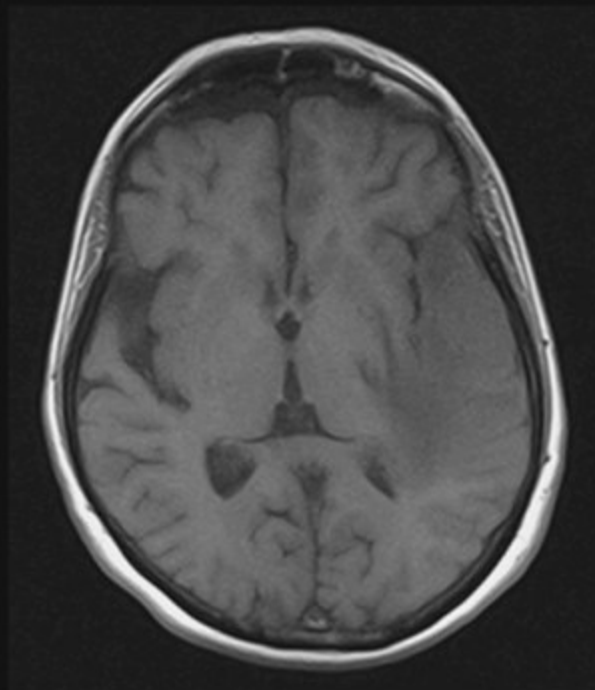
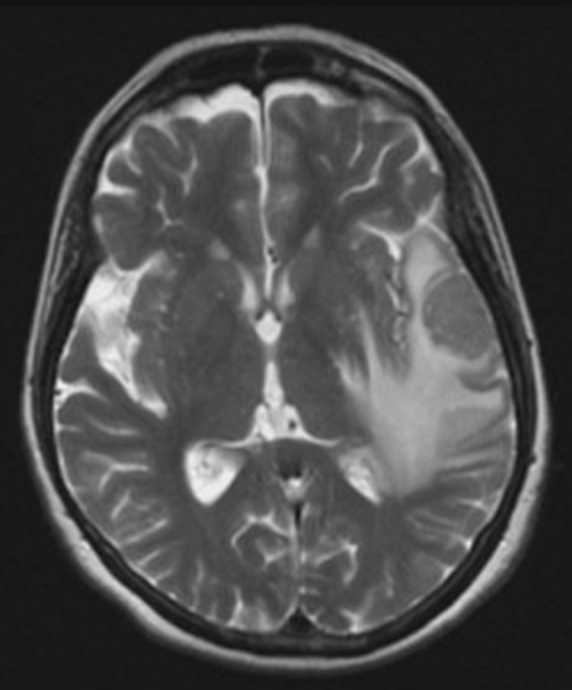
Bladder ca (1 year ago)



What is your diagnosis?

- a. Dural metastasis
- b. Meningioma
- c. Cerebral metastasis
- d. Glial tm
- e. Abscess





KLİNİK BİLGİLER

Bulgular : Yakınma : Konuşma İdrar çıkışında azalma Öykü : 73 yaşında kadın hasta, bilinen HT,DM(insülin kullanıyor) tanılı TAH+BSO?lu(20 yıl önce) Haziran 2015?de mesane CA nedeniyle total sistektomi yapılmış. 15 gün önce konuşma güçlüğü şikayetiyle dış merkeze başvurmuş, kranial MRG?da sol temporal lob komşuluğunda sol serebral hemisferde 2,5x1,6x2,2cm boyutunda kitle izlenmiş, operasyon yapılmış, frozen sonuç;metastaz. 04.03.2016?da operasyon yapılmış, postop kreatinin 1,7. Postop Kranial BT `4mm şift izlenmiş(ameliyat öncesi de varmış) Kanama izlenmemiş, Ödem(+). Bugün idrar çıkışında azalma olmuş, bakılan rutinleri Kre:3.39, Na:119, K:5.08, Üre:107 Hasta hiponatremi+ABY tanısıyla yatırıldı.

Öntanı : AKUT BÖBREK YETMEZLİĞİ(N17)

MAKROSKOBİ

Bulgular : Kent Hastanesinden 1437/16 numaralı, 1 adet parafin blok, 4 adet HE boyalı preperat ve 12 adet boyasız kesit gönderildi.

Tarih : 08.03.2016

Doktor : SAİT ŞEN

TANI : BEYİN, KONSÜLTASYON, TEMPORAL LOB; KARSİNOM METASTAZI

Yorum : Biyopsi materyalinin seri kesitlerinde az diferansiye nöroendokrin karsinom morfolojisinde tümör ön plandadır. İmmunhistokimyasal incelemede sitokeratin 7 ve p63 pozitifliği ile fokal, sitokeratin 5/6 pozitif daha geniş sitoplazmalı hücreler ile karakterli gruplar görüldü. Olgu önceki mesane TUR materyali 23956/15 nolu raporumuzla ve morfolojik immünhistokimyasal bulguları ile birlikte mesane tümörünün az diferansiye nöroendokrin karsinom morfolojisindeki metastazı ile uyumlu değerlendirildi.

Uygulanan İmmunHistokimyasal İncelemeler

Sitokeratin, YMA : mesane ile pozitif

Sinaptofizin : pozitif

P63 : fokal (+)

İMMÜNHISTOKİMYASAL İNCELEME : GATA3: negatif

CD56 : pozitif

Sitokeratin 7 : pozitif

TTF1 : fokal (+)

Sitokeratin AE1/AE3 : pozitif

Sitokeratin 20 : pozitif

Sitokeratin 5/6 : negatif

Sitokeratin 7 : mesane ile pozitif

TTF1 : mesane ile pozitif

Sinaptofizin : mesane ile pozitif

P63 : mesane ile fokal (+)

Kromogranin A : pozitif

Ki67 : pozitif

İMMÜNHISTOKİMYASAL İNCELEME : GATA3: mesane ile negatif

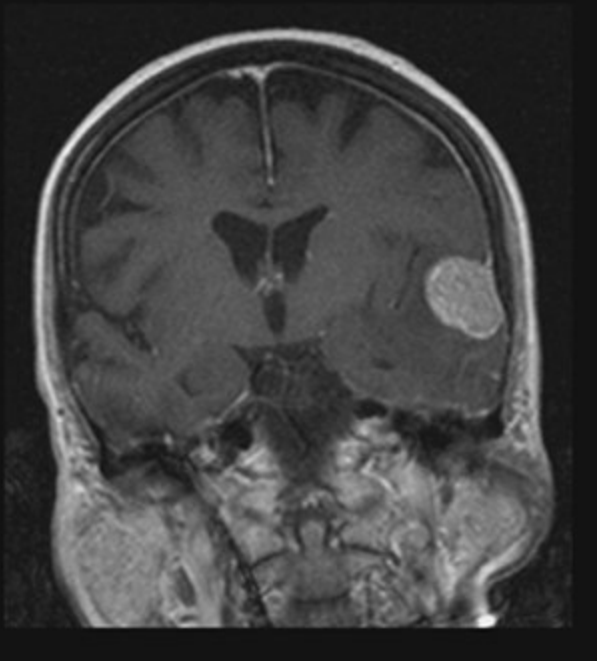
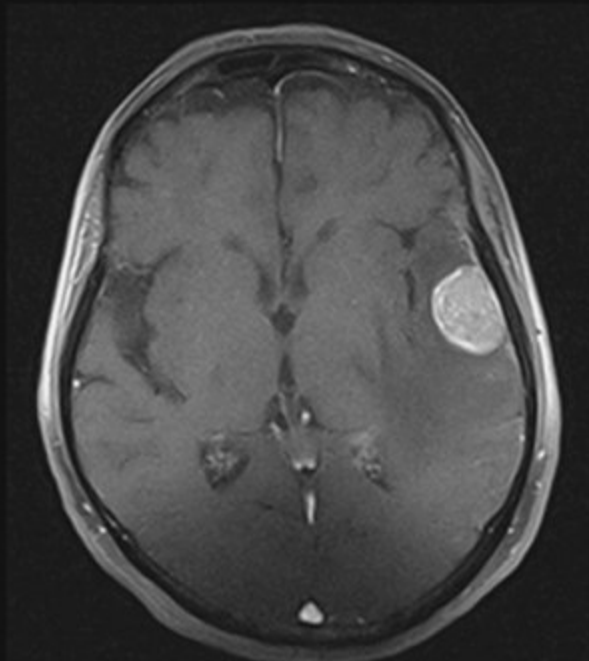
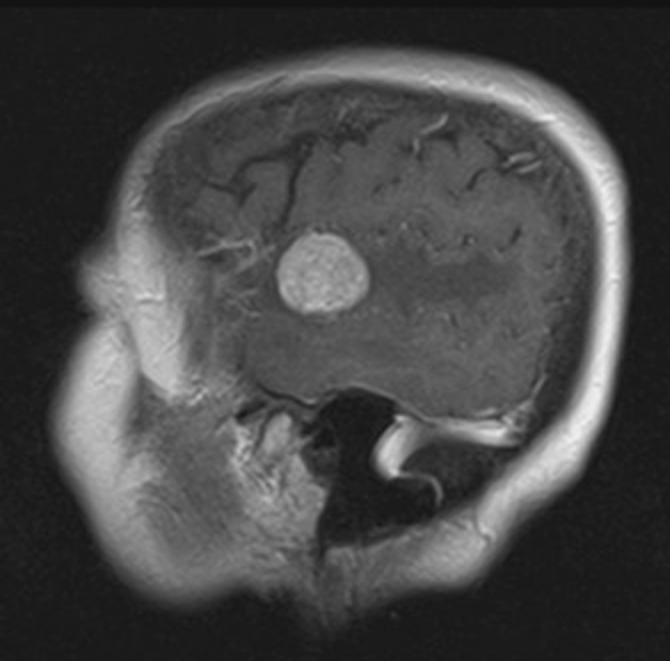
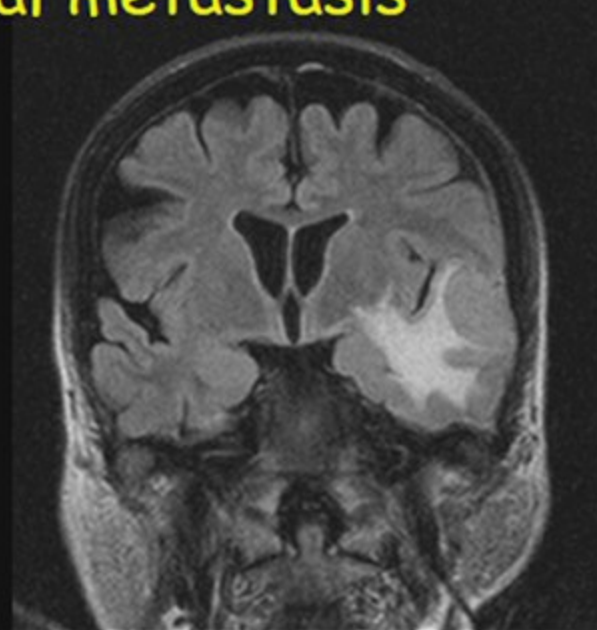
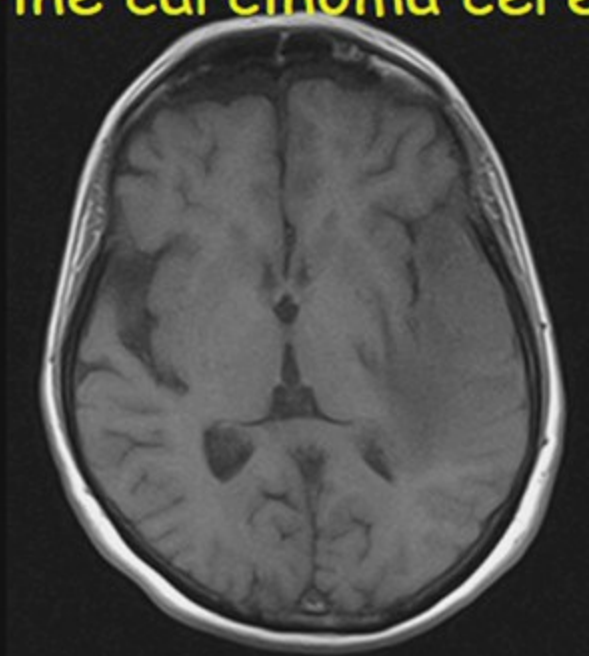
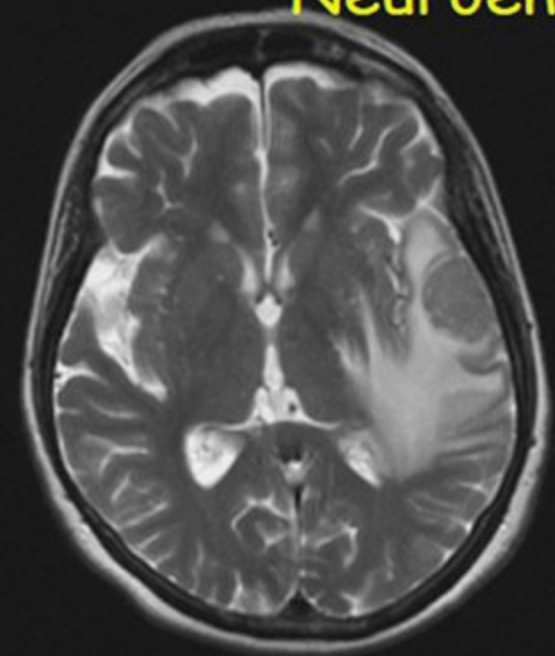
CD57 : negatif

CD31 : pozitif

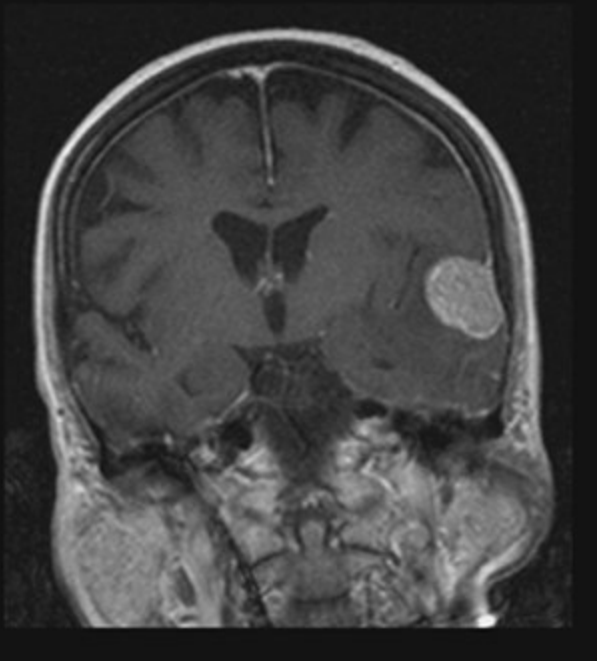
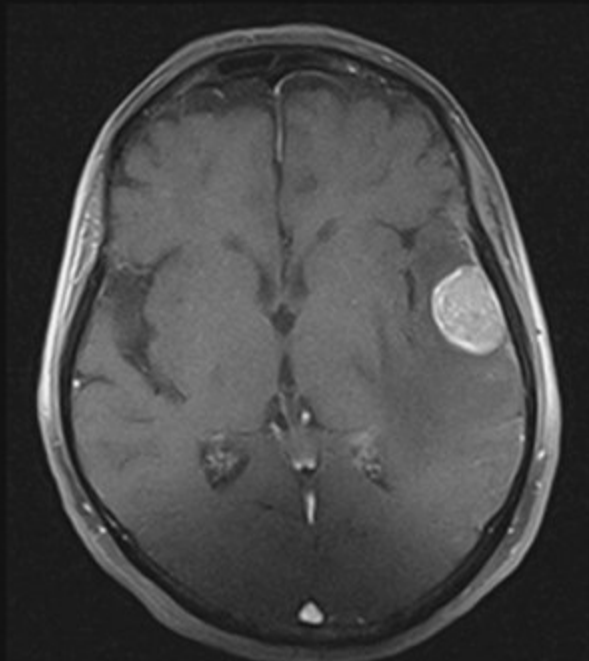
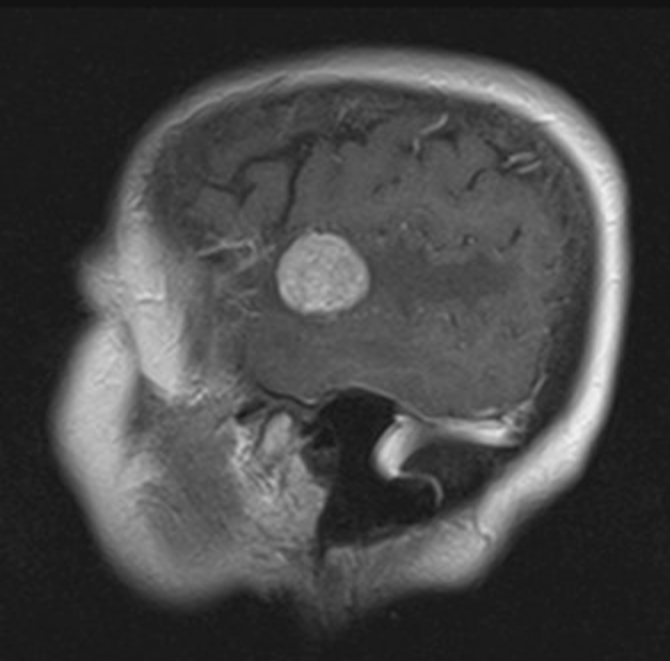
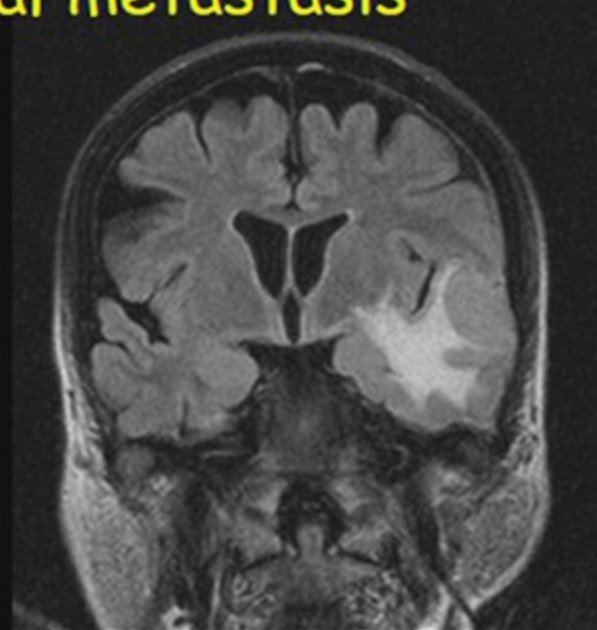
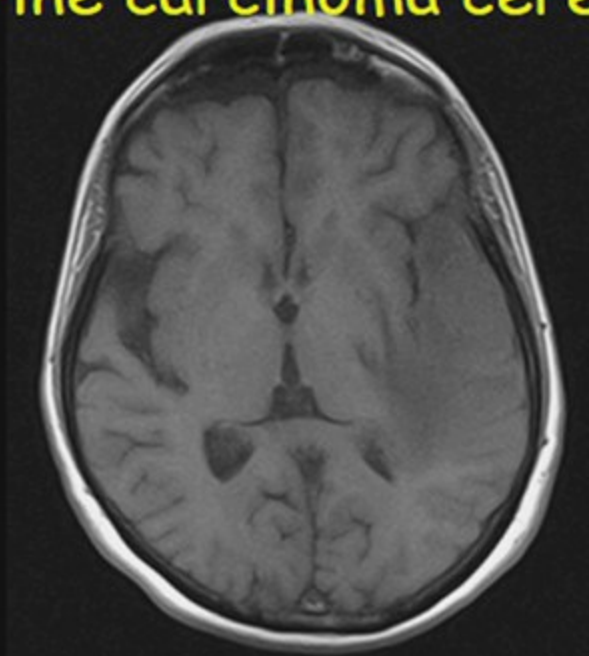
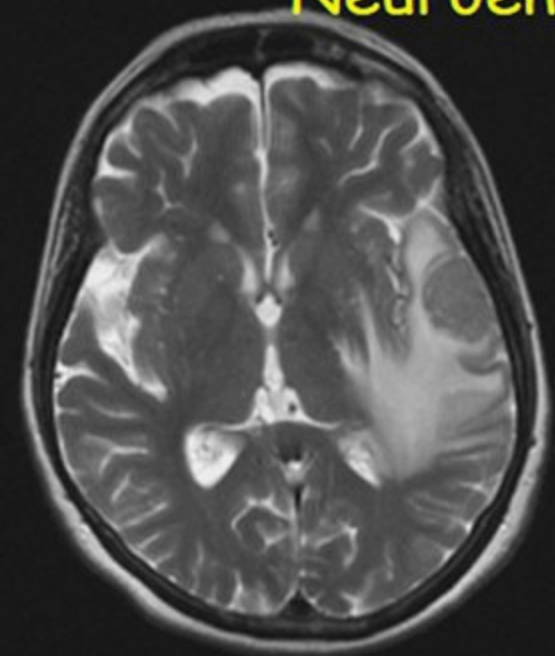
CD56 : mesane ile pozitif

Ki67 : %65

Neuroendocrine carcinoma cerebral metastasis



Neuroendocrine carcinoma cerebral metastasis



KLİNİK BİLGİLER

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Sitokeratin 20 : pozitif

Sitokeratin 5/6 : negatif

Sitokeratin 7 : mesane ile pozitif

TTF1 : mesane ile pozitif

Sinaptofizin : mesane ile pozitif

P63 : mesane ile fokal (+)

Kromogranin A : pozitif

Ki67 : pozitif

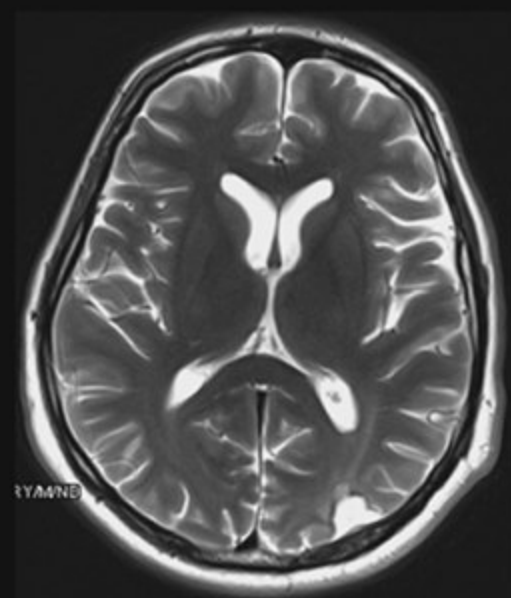
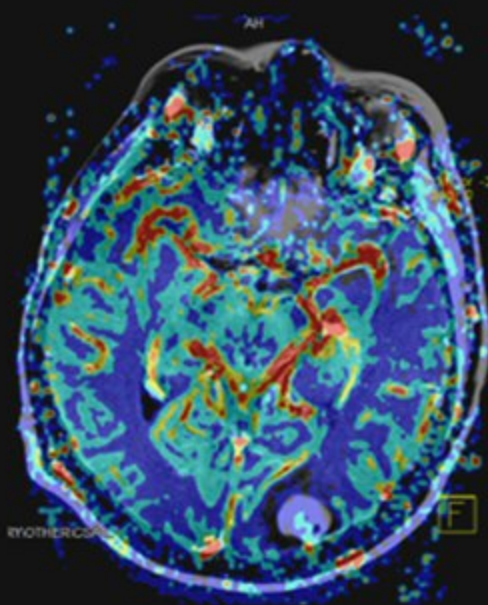
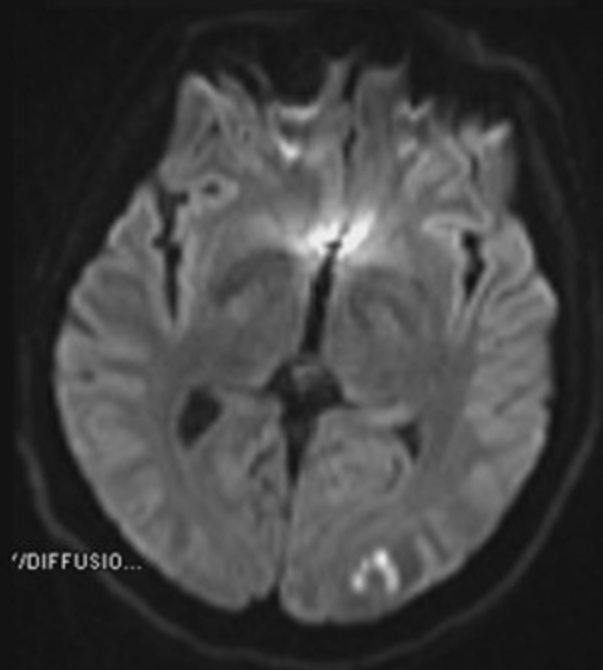
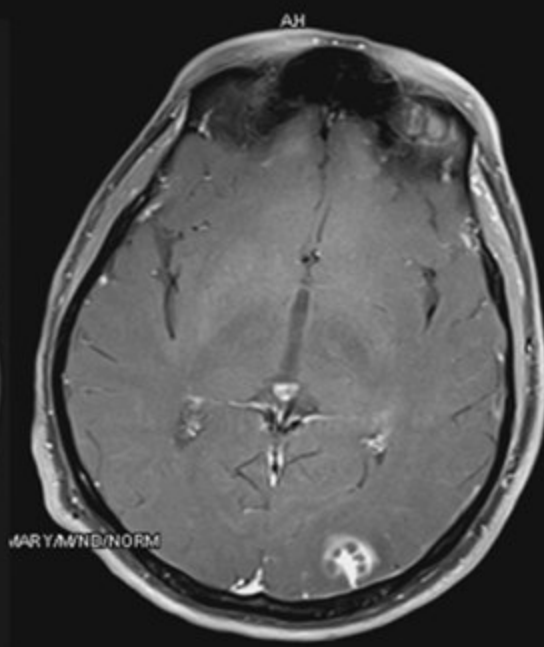
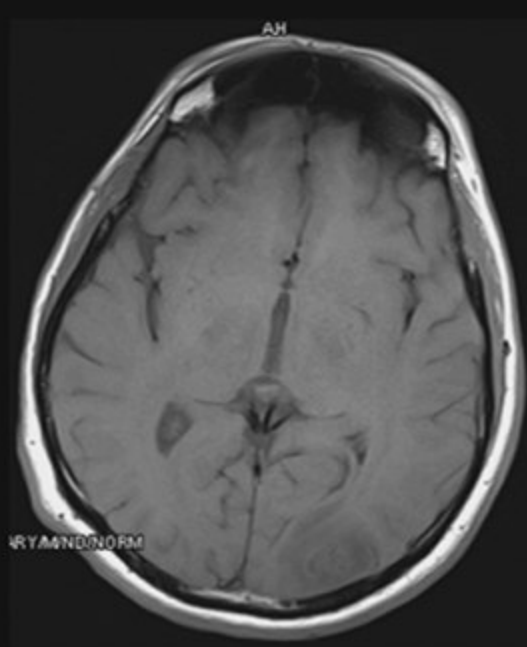
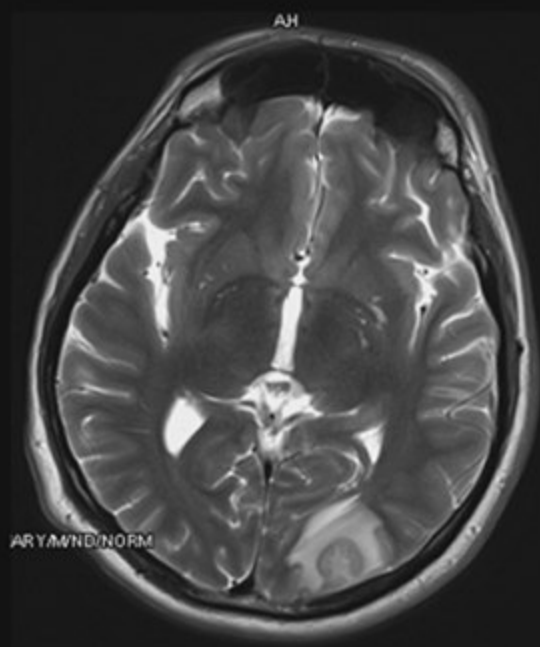
İMMÜNHISTOKİMYASAL İNCELEME : GATA3: mesane ile negatif

CD57 : negatif

CD31 : pozitif

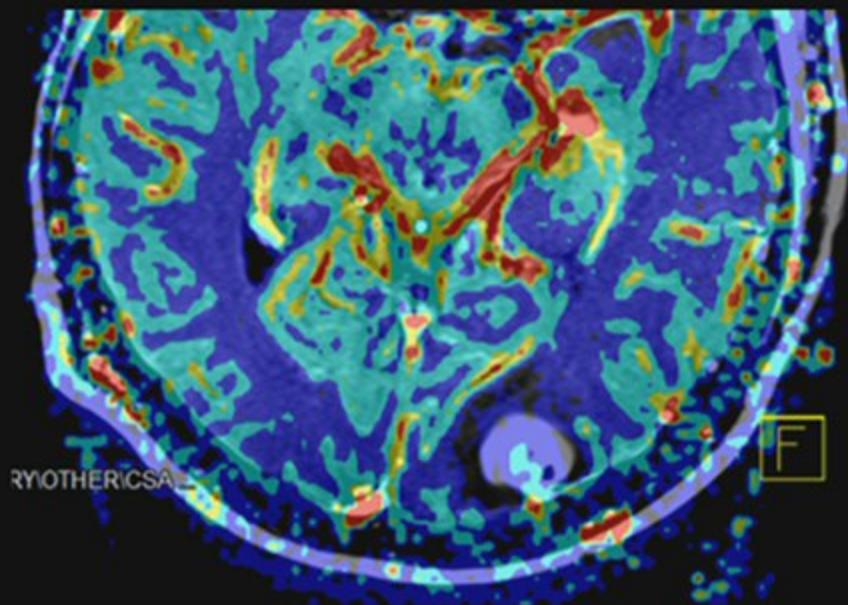
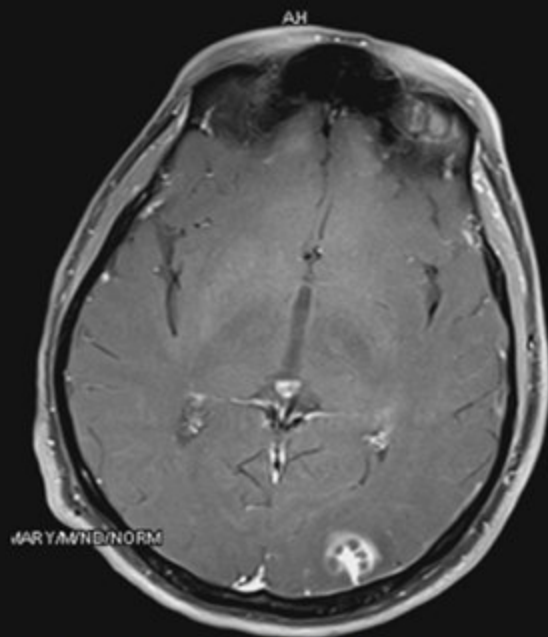
CD56 : mesane ile pozitif

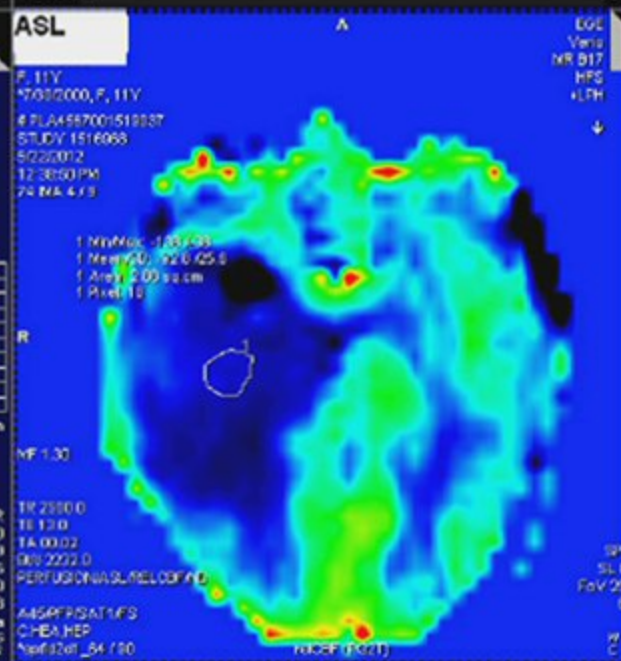
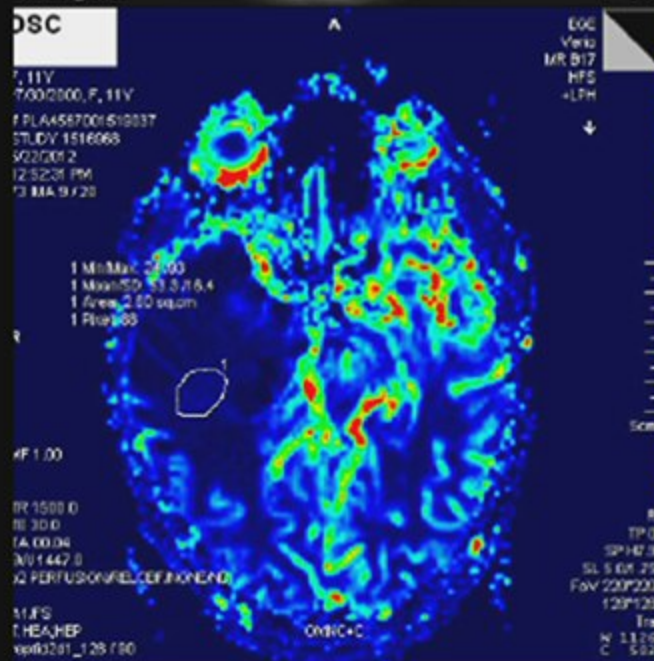
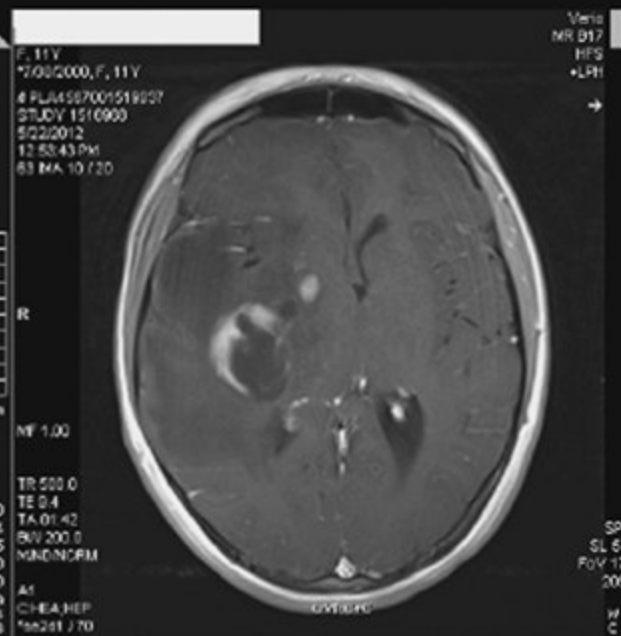
Ki67 : %65



What is your diagnosis?

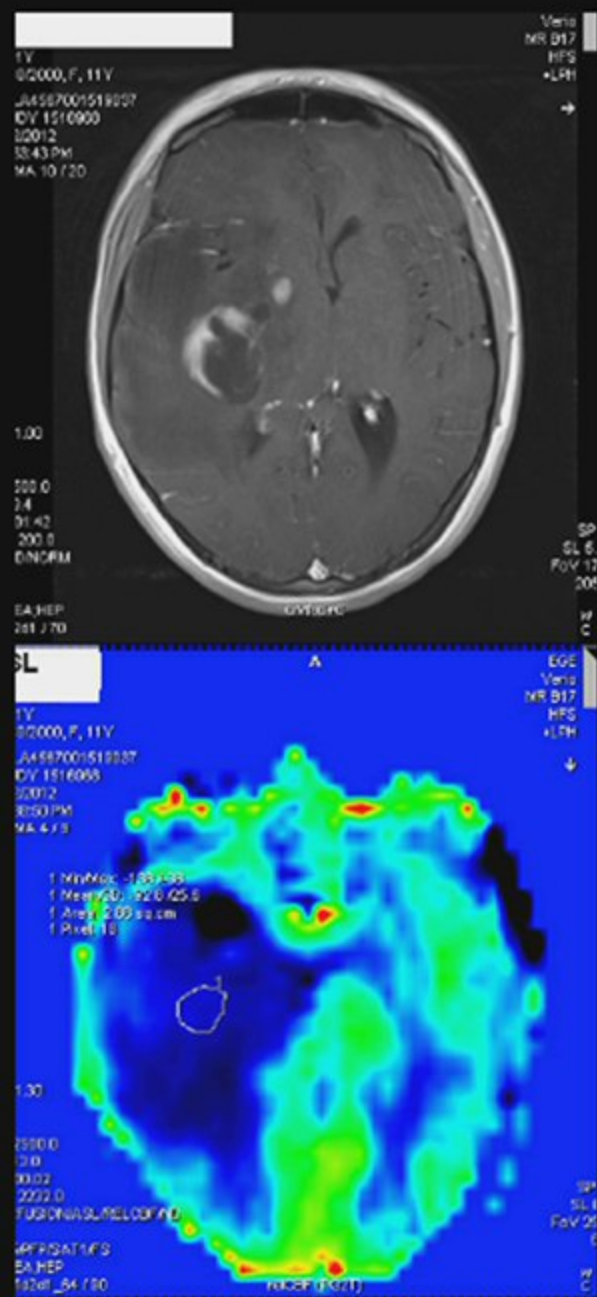
- a. Dural metastasis
- b. Meningioma
- c. Cerebral metastasis
- d. Glial tm
- e. Abscess

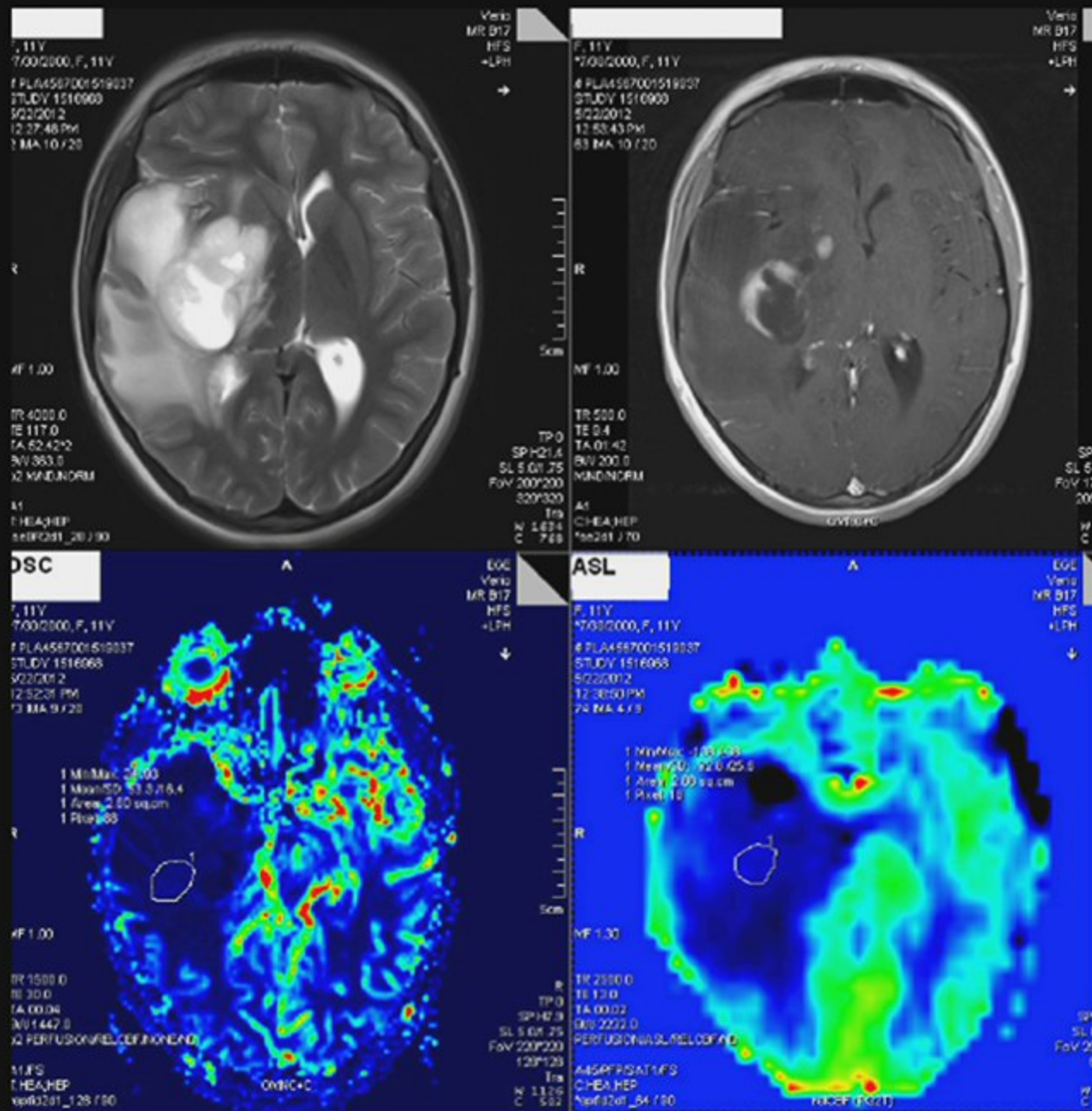




What is your diagnosis?

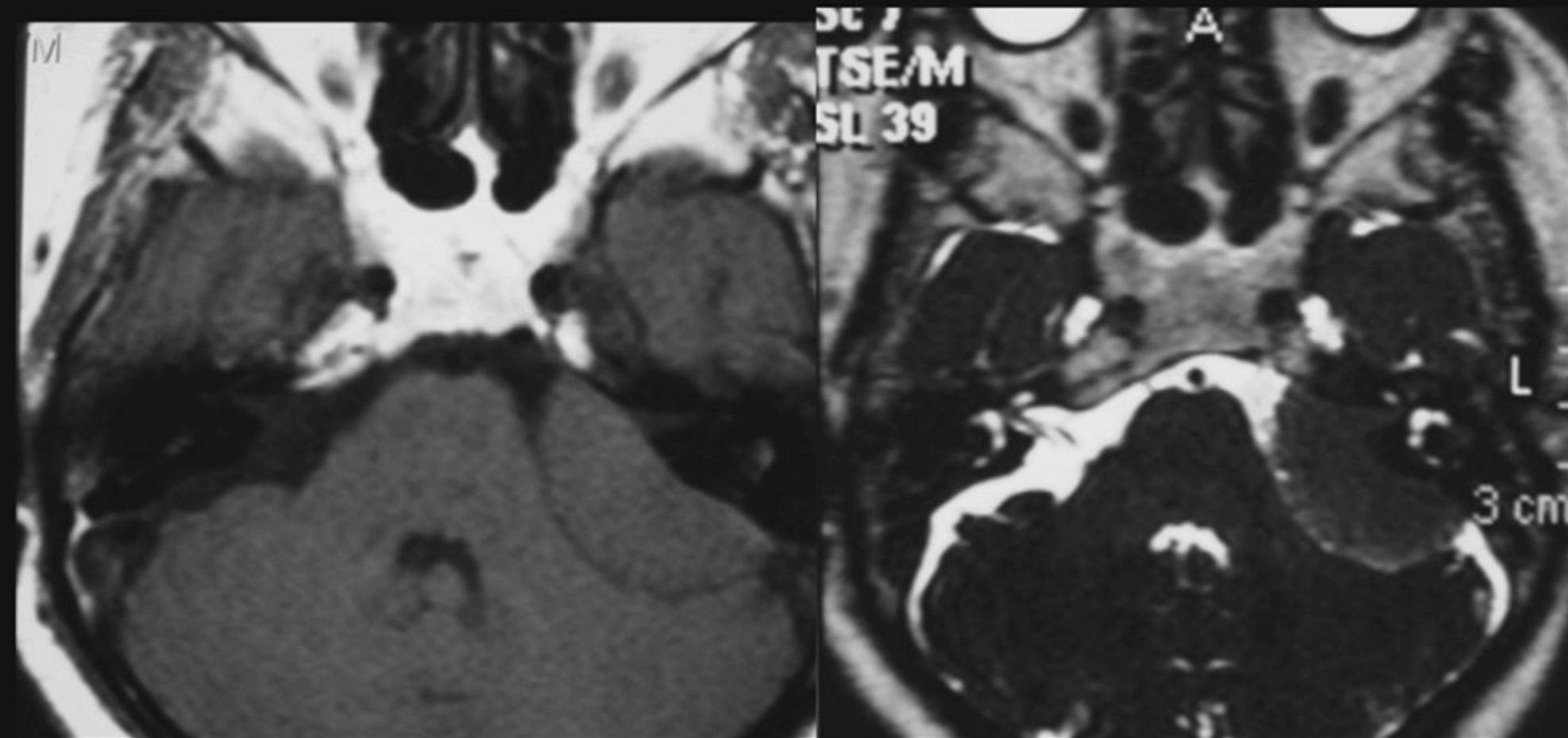
- a. Low grade glioma
- b. Anaplastic astrocytoma
- c. Cerebral metastasis
- d. Glioblastoma
- e. Abscess

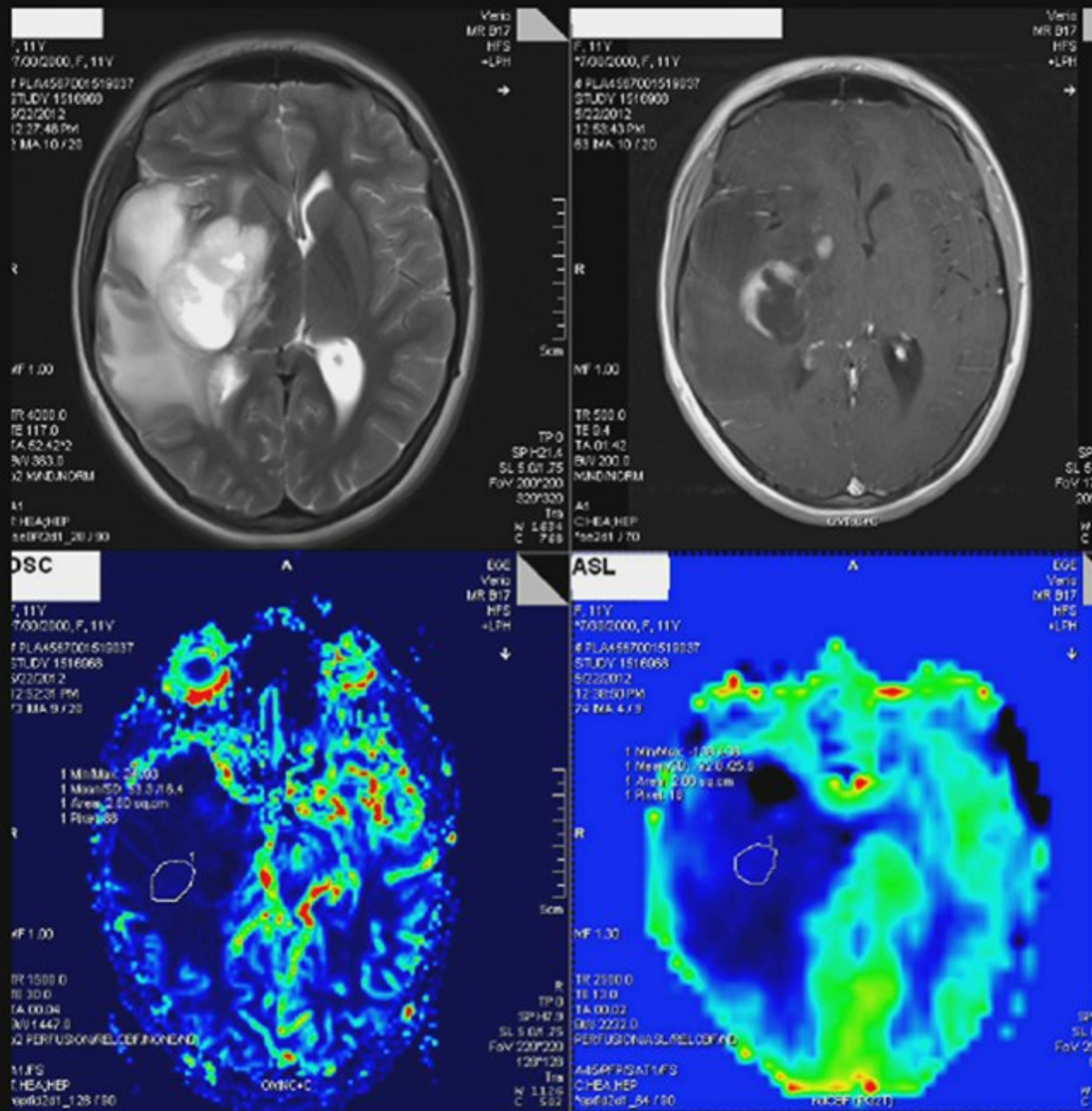




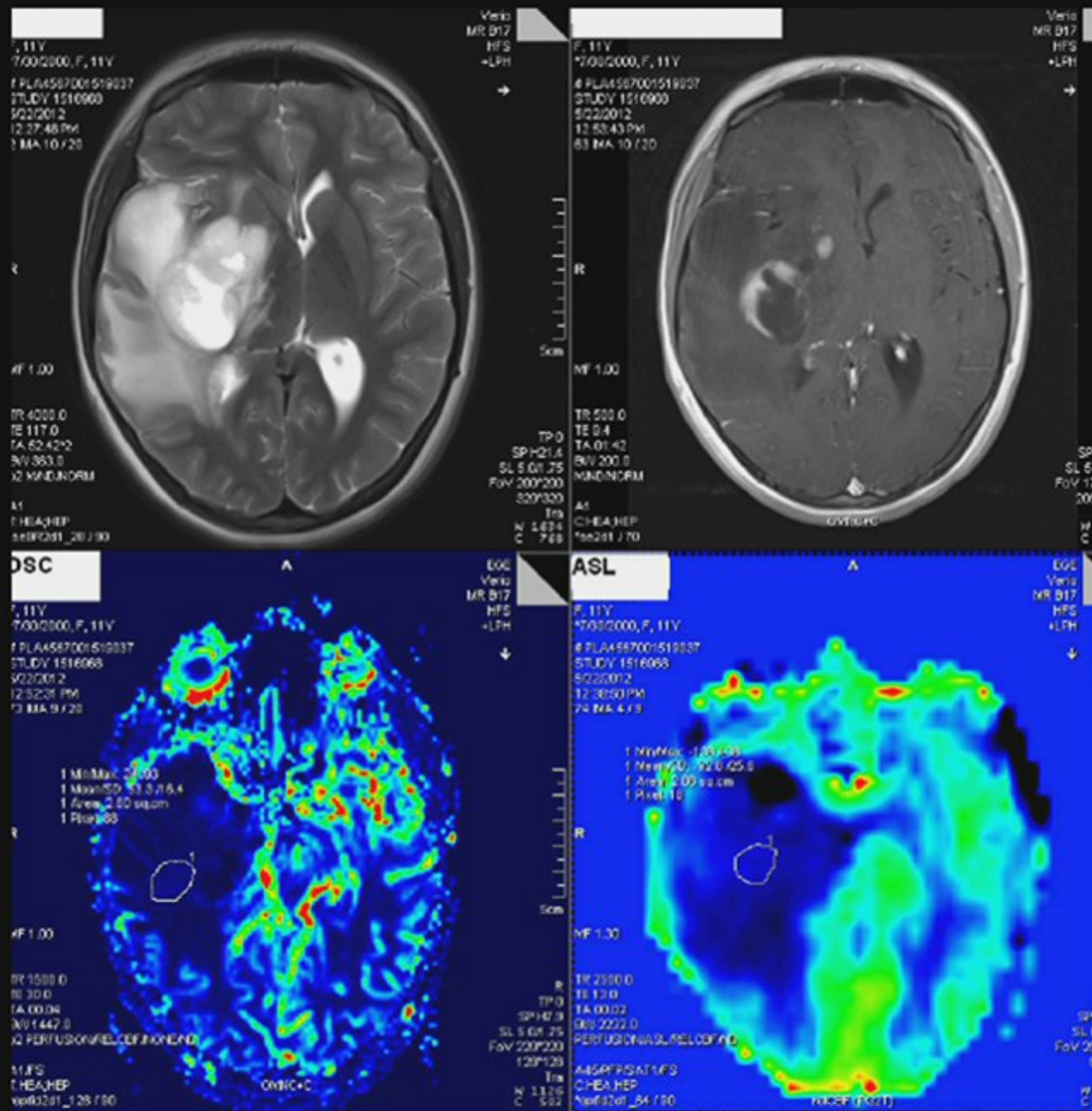
Papillary Glioneuronal tumor, WHO Grade I

- Meningioma?
- Schwannoma?



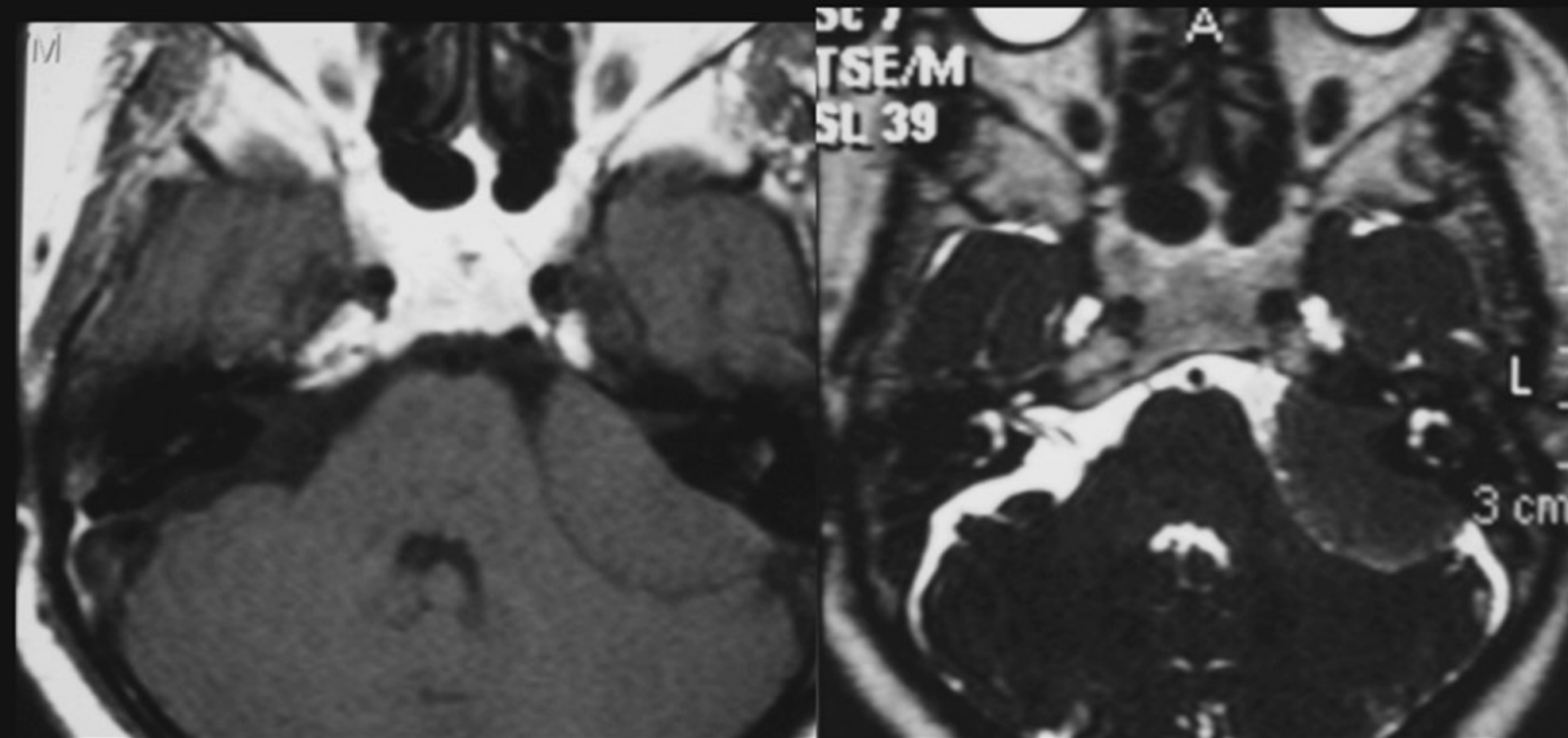


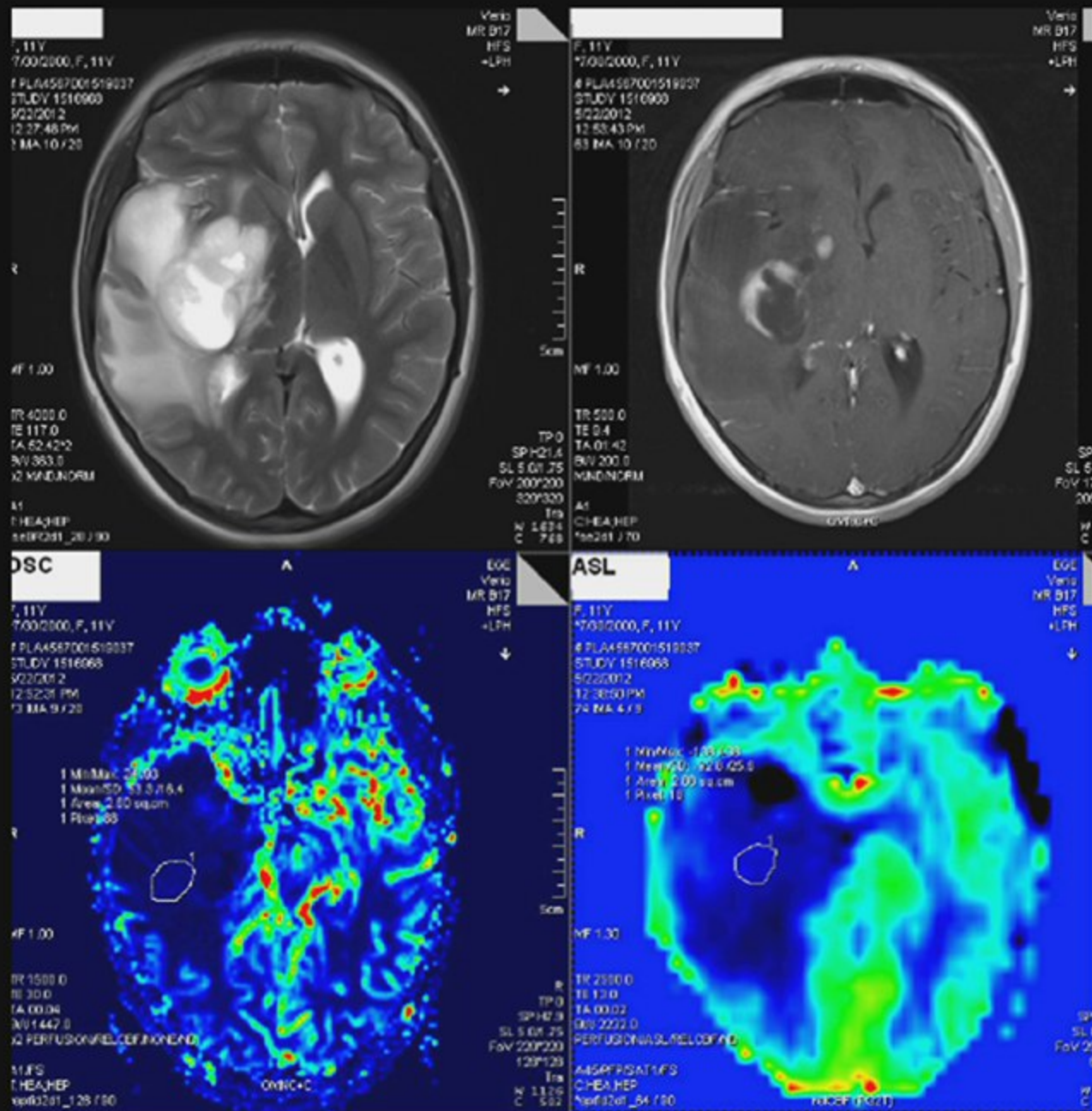
Papillary Glioneuronal tumor, WHO Grade I



Papillary Glioneuronal tumor, WHO Grade I

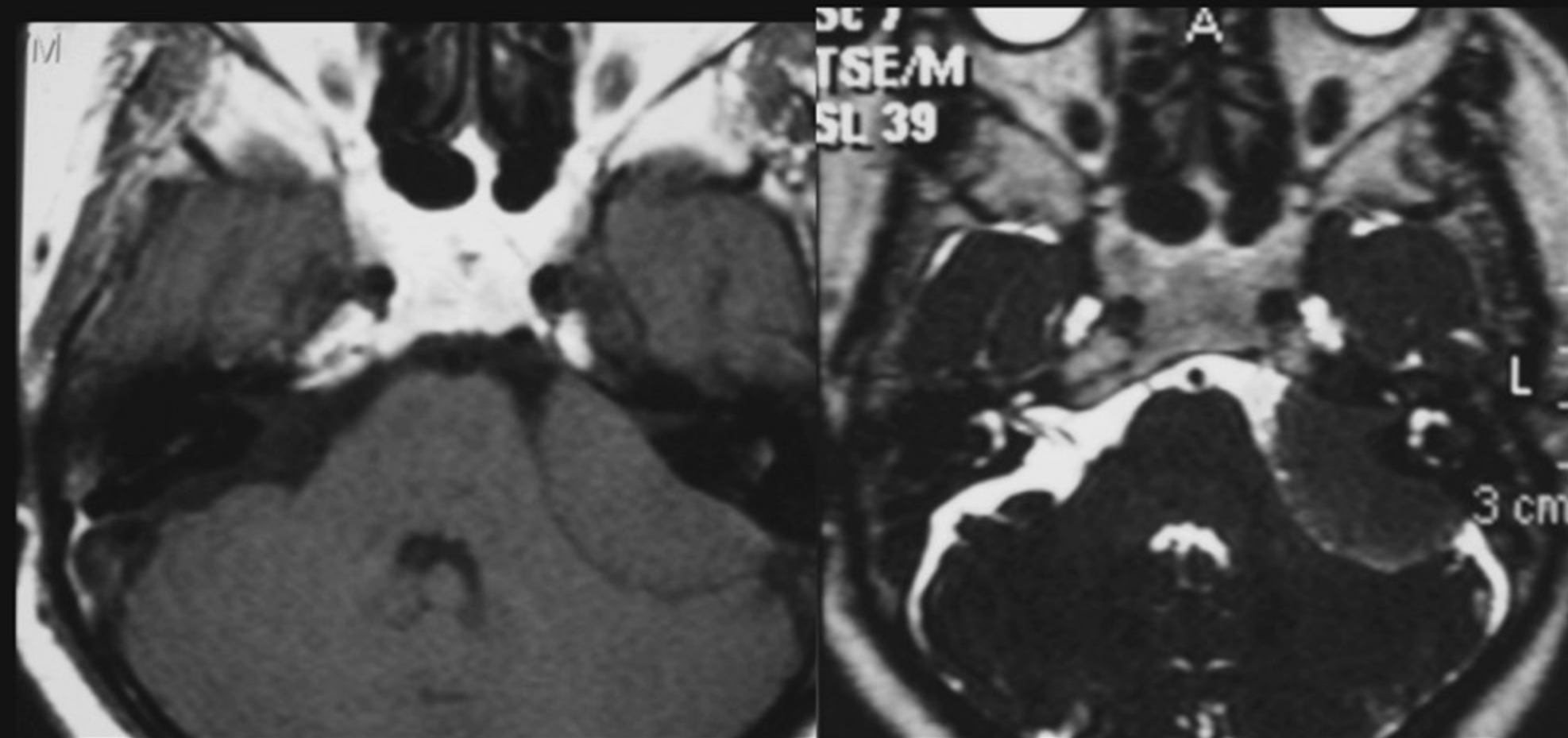
- Meningioma?
- Schwannoma?



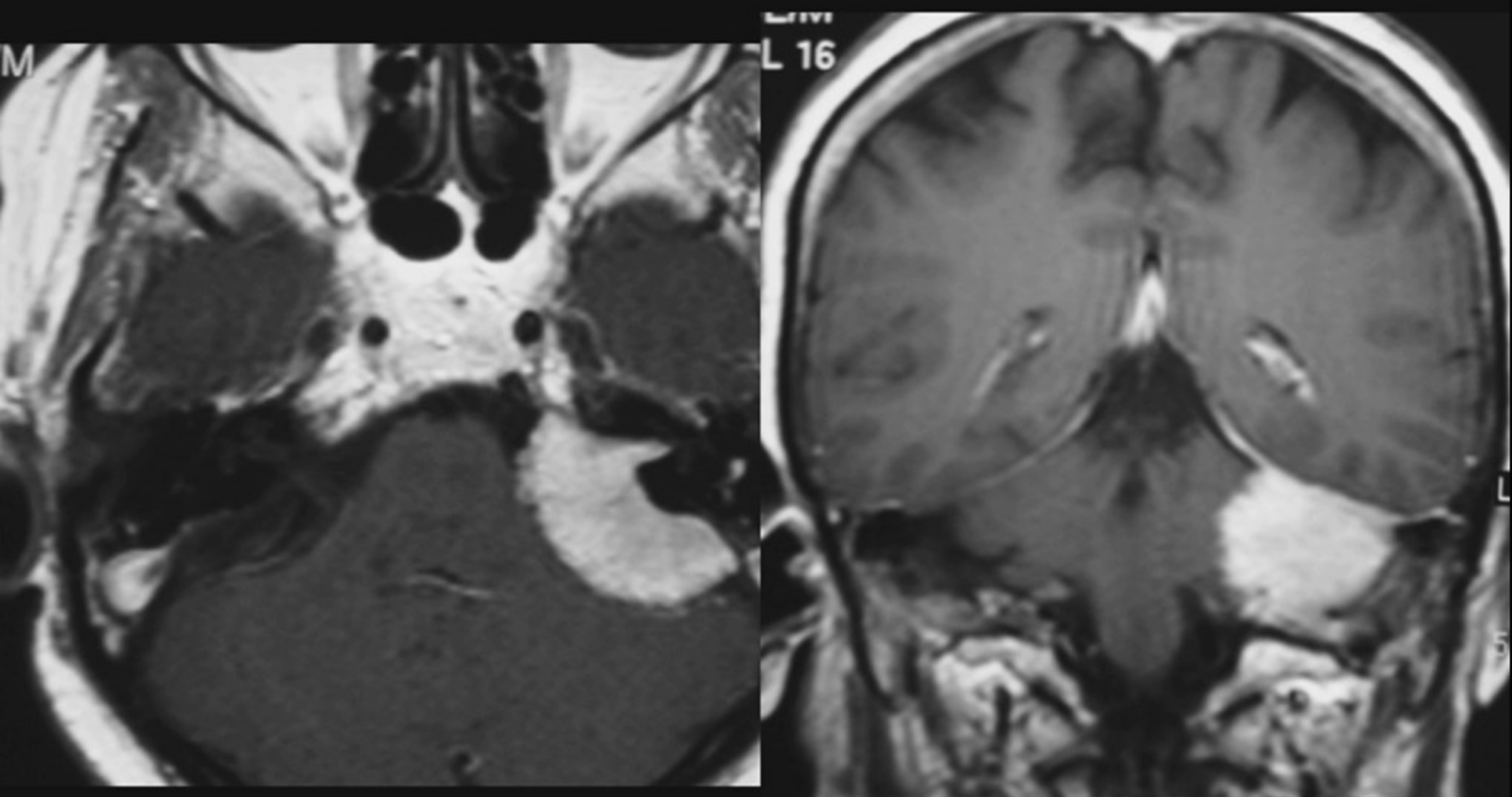


Papillary Glioneuronal tumor, WHO Grade I

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Happy Toast



*Nutty Nodges
Health Farm
and Spa*