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80-18		2003-1999		96
.%34.4	%65.6		%49.16	
%56.25				
		%62		
.CT		%15		
		%81	AMRI	MRI
		%74		
			%85	
%60.4		%90		
%88			%5.2	
		5		
		.%2		%5.2
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## Analytical Study of Supratentorial Meningioma

Ali Arabi\*

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### Abstract

This study included 96 meningiomas treated between the years of 1999 and 2003 .

The age of patients was between 18-80 years ,with a mean age of 49.16 years. Females constituted 65.6% of the patients ,while males constituted 34.4%.

Large percent of cases was between 4<sup>th</sup> to 6<sup>th</sup> decade of age, ( 56, 2% of all patients).

Signs of raised intracranial pressure dominated the clinical picture presenting in 62% of patients, while epilepsy was the only symptom in 15% of the patients . MRI was performed in 81% of patients. The other patients were diagnosed by CT scan.

Tumors were hemispherical in 74% of patients. The operating microscope and ultrasonic aspirator were used in 85% of cases.15% of tumors were removed using the classical methods,

Total removal was achieved in 90% of cases. Clinical improvement was seen in 60.45 of cases while deterioration was seen in only 5.2% of cases. Complications included cerebral edema in five patients, and tumor recurrence in 5.2% of cases. Tumors were benign in 88%.Mortality was 2%.

**Key Word:** meningioma, surgical treatment, Epilepsy, Craniotomy, CT, MRI, IC

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\*Instructor. Department of Surgery, Al Mowassat University Hospital, Faculty of Medicine, Damascus University.

**Introduction :**

-40  
3,1) 60  
(66,40, 32) (47, 20,12,11,10,8,7,5

.(58,40,33,32,23,19,6,4)

**Material and :**

**Methods** 1614 falex Plater  
96 .(61,42,40,35)

Cushing  
Ojemann (34 Kemp ) (17,12,11)  
2003-1999 .(62) Poppen (56,55)  
%31

80-18

%65,6

% 34,4

63

33

---

.CT. MRI. AMRI

48

8  
/ 1.5

20

**Results :**

96  
80 -18

CT

MRI

49,2

63

33

2

.1

5-3

. 5

MRI

5-3

CT

62

24

5

. 2

10

7 89 .2  
76  
15-13  
17 ,  
12-9  
.6 9  
.3

CT MRI

.6  
.4  
74  
6  
.5



. (66,61,42,32,16,15,14,9,1,)

.7

%65.6

%87

%34.3

%3

.8

.(40,35,32,24,23,21,18,17)1/2

**Discusion :**

%30-15

%90

54

%75-70

%56,2

60

(42,37,32,31,29,26,25) 15

% 15,6

%63,5

18

20 %  
(54,51,49,48,19,1,)%  
%75

%12,5 12 24-6

%15

) %30-25  
( -

(46,45,44,43,42,41)

(65,63,60,57)

%85

% 15-1  
(58,56,53,52,50,42 38,39)

%25

MRI 20

---

CT MRI

AMRI

CT

14

74

122



22

7

15

%2,3

( 80 )

atypical

% 6,3

.(60·42·35·32·22·27·28·) %2,9-2,4

,

,

)

(....

5

%5

10

%10

2

7

---

15 %32

13)

-4

(64:60:46:42:33:30:26:18

CT MRI

25

= G -1

**Conclusion :**

-1

= F-2

-2

حالة B -3

TR-4

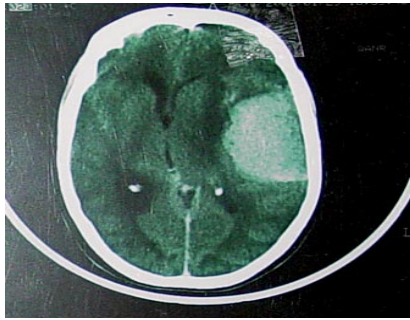
-3

STR-5

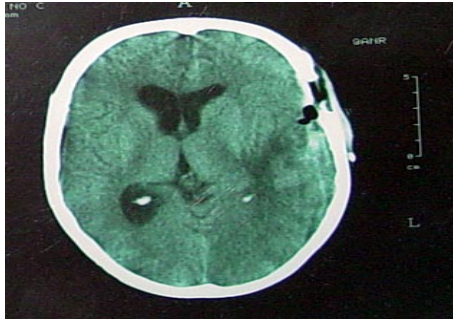
)

= SDH-6

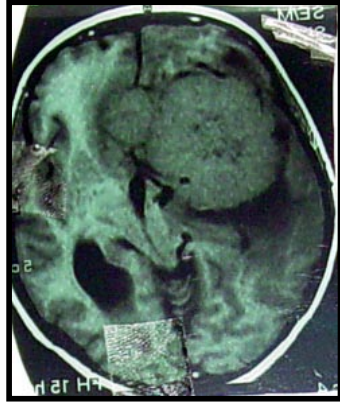
(



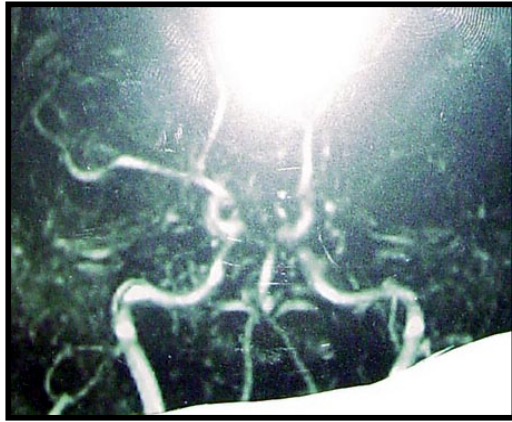
(1) CT



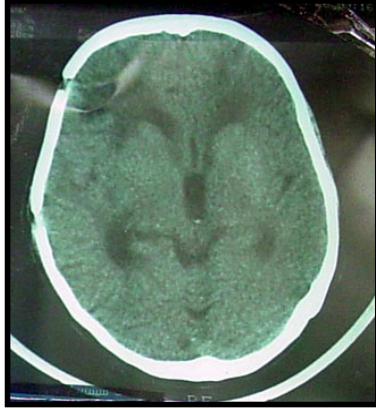
(2) (CT)



(1) MRI



(2) ANG



(3) CT

	رجال	نساء	المجموع
عدد الحالات	33	63	96
الدرجة المنوية	44.4	65.6	
العمر	18 – 80		

1

## الأعراض والعلامات

العلامات	العدد	النسبة	المجموع
نوب صدعية	15	15,6	96
فرط تواتر داخل القحف	19	19,7	
اضطرابات عصبية	62	66,5	

2

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	12-15	9-11	<9
	76	17	3
	96		

3

	MRI	AMRI	CT
	76	5	15
	96		

4

	74	96
	18	
	12	
	2	

5

**Tumor size and the results of surgical treatment**

	10	0	10	0	0	0	96
	61	1	41	17	4	0	
	18	6	9	15	0	2	

6

**Results and complications of surgical treatment**

استئصال		النتائج		الاختلاطات		النكس	الوفاة
تام	89	G	58	+	7	5	2
		F	31				
جزئي	7	B	5		2		

7

**Histopathology**

	88		96
	5		
	3	3.4	

8

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