

Table (4): Types, original location & incidence of CPA masses in 30 patients

Type of the lesion	Original location	No	%
Acoustic neuroma	Extra-axial	17	56.6%
Meningioma	Extra-axial	5	16.6%
Epidermoid cyst	Extra-axial	2	6%
GlomusJugulare tumor	Extra-axial	2	6%
Arachnoid cyst	Extra-axial	1	3%
Brain stem glioma	Intra-axial	1	3%
Metastasis	Intra-axial	2	6%
Total		30	100%

Table (5): Shows the distribution of AN according to their age and sex.

Age group	Number		Total
	Male	Female	
0<10	-	-	-
10<20	-	-	-
20<30	-	1	1
30<40	1	1	2
40<50	4	6	10
50>60	2	1	3
60<70	-	1	1
	7	10	17

Table (6): The presenting symptoms in acoustic neuroma compared with the other CPA tumors

Symptoms	Acoustic neuroma (17 cases)		Other tumors (13cases)	
	No	%	No	%
Hearing loss	17	100%	10	76.9%
Tinnitus	11	63.7%	6	46%
Vertigo	7	41.1%	5	38.4%
Facial spasm	3	17.6%	4	30.7%
Visual changes	3	17.6%	6	46%
Headache	7	41%	8	61.5%

Table (7): MRI signal pattern and contrast uptake

Diagnosis	Total NO. of cases	T ₁			T ₂			Contrast uptake	
		Hypo	Iso	Hyper	Hypo	Iso	Hyper	Homog	Hrtrog
<u>Acoustic neuroma</u>	17	11	4	-	-	-	17	12	3
<u>Non acoustic neuroma</u>	13								
Meningioma	5	3	2	-	-	-	5	3	2
Epidermoid	2	2	-	-	-	-	2	-	-
Glomus jugulare	2	2	-	-	-	-	2	-	2
Arachnoid cyst	1	1	-	-	-	-	1	-	-
Brainstem glioma	1	1	-	-	-	-	1	-	1
Metastasis	2	1	1	-	-	-	2	1	1

Table (8): Mass effect caused by CPA tumors.

Lesion	Total	Brainstem and cerebellar compression	Ventricular dilatation
<u>Acoustic neuroma</u>			
Unilateral	15	8	7
Bilateral	2	1	1
<u>Non acoustic neuroma</u>			
Meningioma	5	3	2
Epidermoid	2	2	-
Glomus Jugulare	2	1	1
Arachnoid cyst	1	1	-
Brainstem glioma	1	1	-
Metastasis	2	2	-