

**Table 7: Texture and consistency of the adenoma**

Texture and consistency	No.	Percent
Cystic	8	14.5
Non cystic (solid)	47	85.4
Soft	49	89
Firm	6	10.9

**Table 8: Histopathological results of pituitary adenomas**

Histopathology	No.	Percent
Acidophilic	23	41.8
Chromophob	31	56.3
Basophilic	1	1.8
Aggressive	5	9

Five patients had aggressive firm, and highly vascular. All had suprasellar adenomas; all were acidophilic adenomas, and lateral extension (Table 9).

**Table 9: Staining, vascularity, texture and extension of aggressive pituitary adenomas**

Histopathology	Vascularity	Texture	Extension
Acidophilic	High	firm, non-cystic	superior & lateral
Acidophilic	High	firm, cystic	superior & lateral
Acidophilic	High	firm cystic	superior & lateral
Acidophilic	High	firm, non-cystic	sup., ant., & lateral
Acidophilic	High	firm, non-cystic	superior & lateral

Dramatic improvement of the visual fields and acuity was documented in 25 of 30 patients (83.3%). Improvement in the cranial nerve deficit with diplopia was seen in (50%).

Patients with sever visual impairment, and advanced optic atrophy did not show similar improvement, but no one got worse (Table 10).

**Table 10: Post-operative visual improvement**

Improving sings and symptoms	No.	Percent
Visual field and acuity	25/30	83.3
Diplopia and squint	2/4	50
Ptosis	1/1	100