

## **Transnasaltranssphenoidal Pituitary Surgery: Surgical Procedure And Review Of Results Of Surgery Of 26 Years On 330 Patients**

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### **Introduction:**

Purpose of the study was to review the clinical presentation, pituitary tumours types, endocrine state, diagnostic tools, surgical procedures, surgical results. Our hospitals are equipped with well trained and dedicated disciplined Neurosurgeon, trolley nurses and all required instruments for pituitary surgery. Operation microscope, endoscope and all instruments are there. We are supported by a reliable radiology, pathology laboratory, neuroanaesthesiologist and NICU.

### **Results:**

Since February 1992- January 2018. We did 330 pituitary tumour surgery in two hospitals. Female were 206 and Male 124 cases. Age were from 07yrs to 64 yrs. Functional pituitary -225; Prolactinomas-137, G hormone producing-41, Cushing's-44, Pleuri hormonal-3, Nonfunctional Pituitary-13 Craniopharyngiomas-82, Aneurysm:02, ? Infection -03. Long time F/U- 30%(88/330) cases are regular in F/U. Fertility-43%(98/225) CSF leakage -12 cases, persistent in 3 cases. Infection -9%(30/330) Mortality:6%(3/330) due to SAH and SIADH.