**Covering letter**

The Scientific Committee,

Second IAMRS Conference.

Submission of Abstract for the Conference

Dear Sirs,

We intend to present the attached article entitled **“An overview of Prolactinoma in Basrah”** in your Second IAMRS Conference. On behalf of all contributors, I will act as the corresponding author from this point onward. We have no conflict of interest in any substance or material mentioned in this manuscript.

Yours sincerely,

**Corresponding Author**: Ali Hussein Ali Alhamza

Affiliation: adult Endocrinologist

Email: ali.alhamza@femc.iq

Faiha Specialized Diabetes, Endocrine and Metabolism Center (FDEMC),Basrah,Iraq

**Contributing Author**

Faiha diabetes endocrine study group

**An overview of Prolactinoma in Basrah**

**Abstract:**

Pituitary adenoma is autonomous proliferation of specific type of pituitary tropic cells. Prlactinoma is a common type of these adenomas. It takes different manner of clinical presentations from sight threatening to mild headache and infertility. Quality of life affected include marital status and social contact. The management include medical, surgical and radiotherapy. These types of therapy are worldwide not much affected by race ethnicity but patient preference.

**Material and Methods :**

This is a descriptive study for patients collected from Faiha Diabetes Endocrine Metabolic Center (FDEMC) in Basrah. An electronic registry data collected under behalf of FDEMC study group. It included all patients with prolactinoma from Dec-2014 to Dec-2018.

**Results :**

Eighty five patients collected from data base. By using SPSS 16 to analyze variables, mean ages 36 years in the range ± 13 years 41.2 % male and 58.8 female. Medical therapy used in 61.2 % and 31.8 % both medical and surgical. Transphenoidal surgery in 38.1 % of all patients and 3.5 % transcranial. Cabegoline used in 72.9%. giant prolatinoma found in 5.9%. Prolactin level range from 50 ng/mL to 18000 ng/mL.

**Discussion :**

Treatment of prolactinoma did not differ from the usual therapy where medical therapy shows good response, few patients need surgery and only one case sever résistance.