

POST-OPERATIVE METABOLIC PROFILE OF PATIENTS AFTER PITUITARY SURGERY

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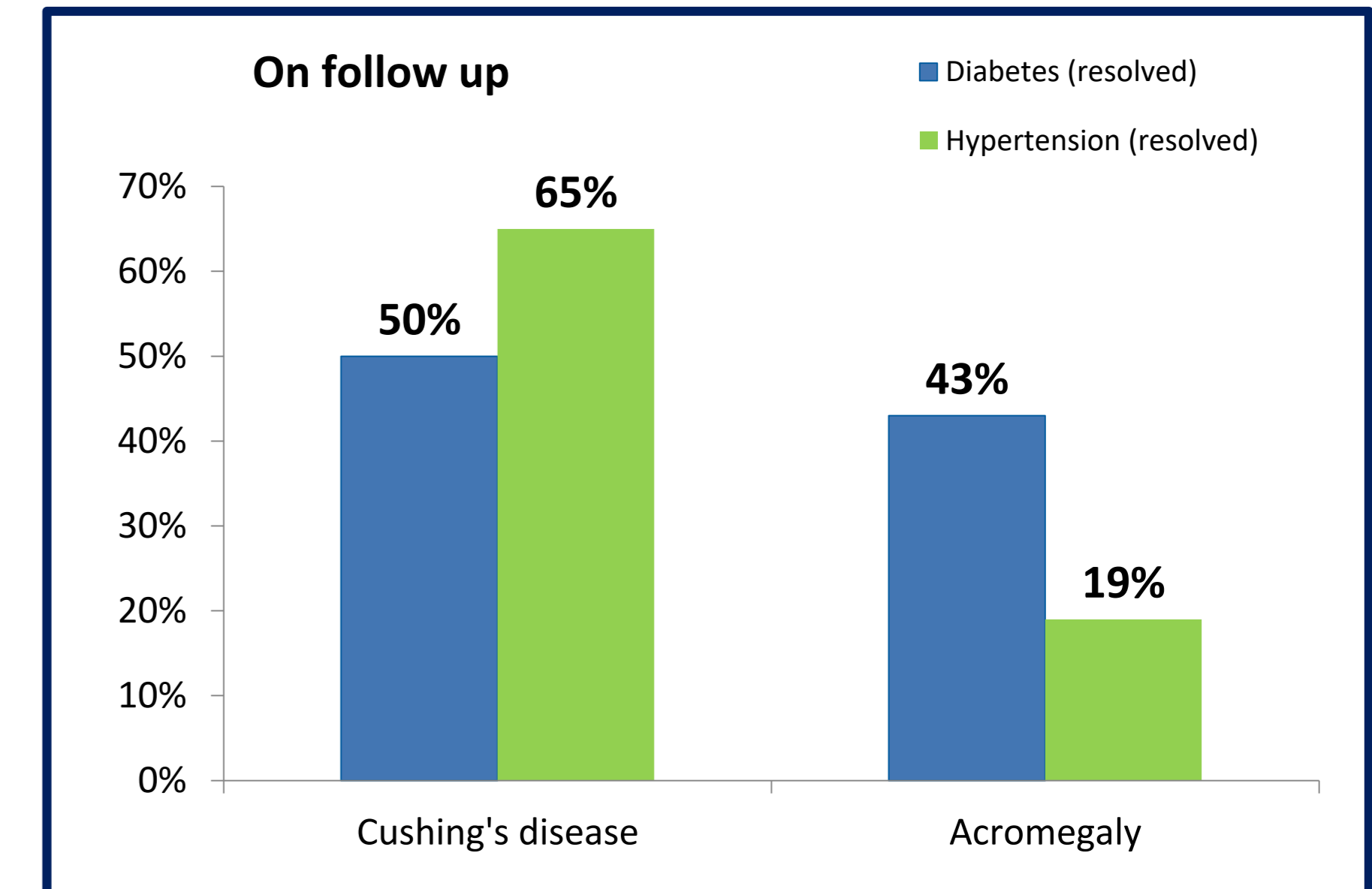
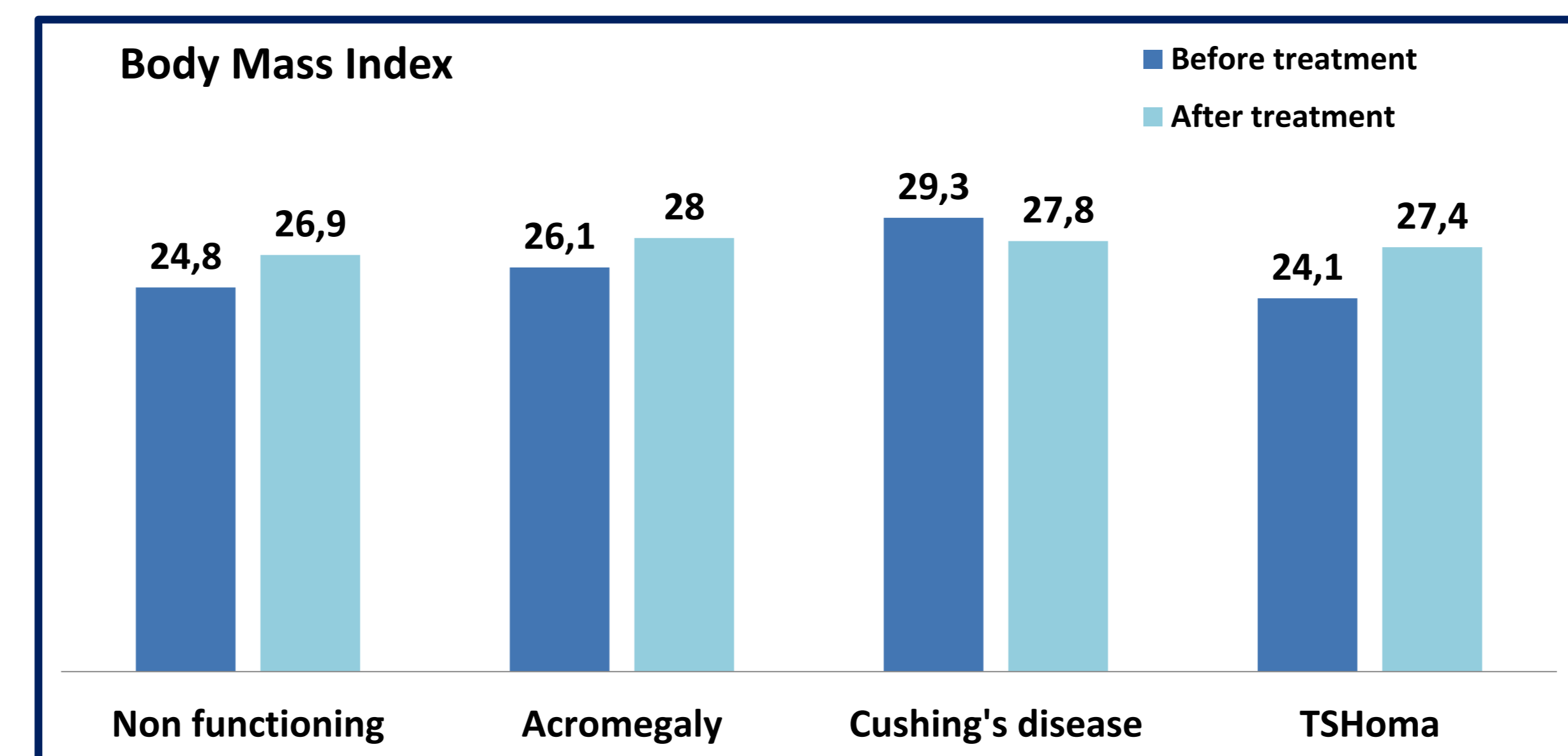
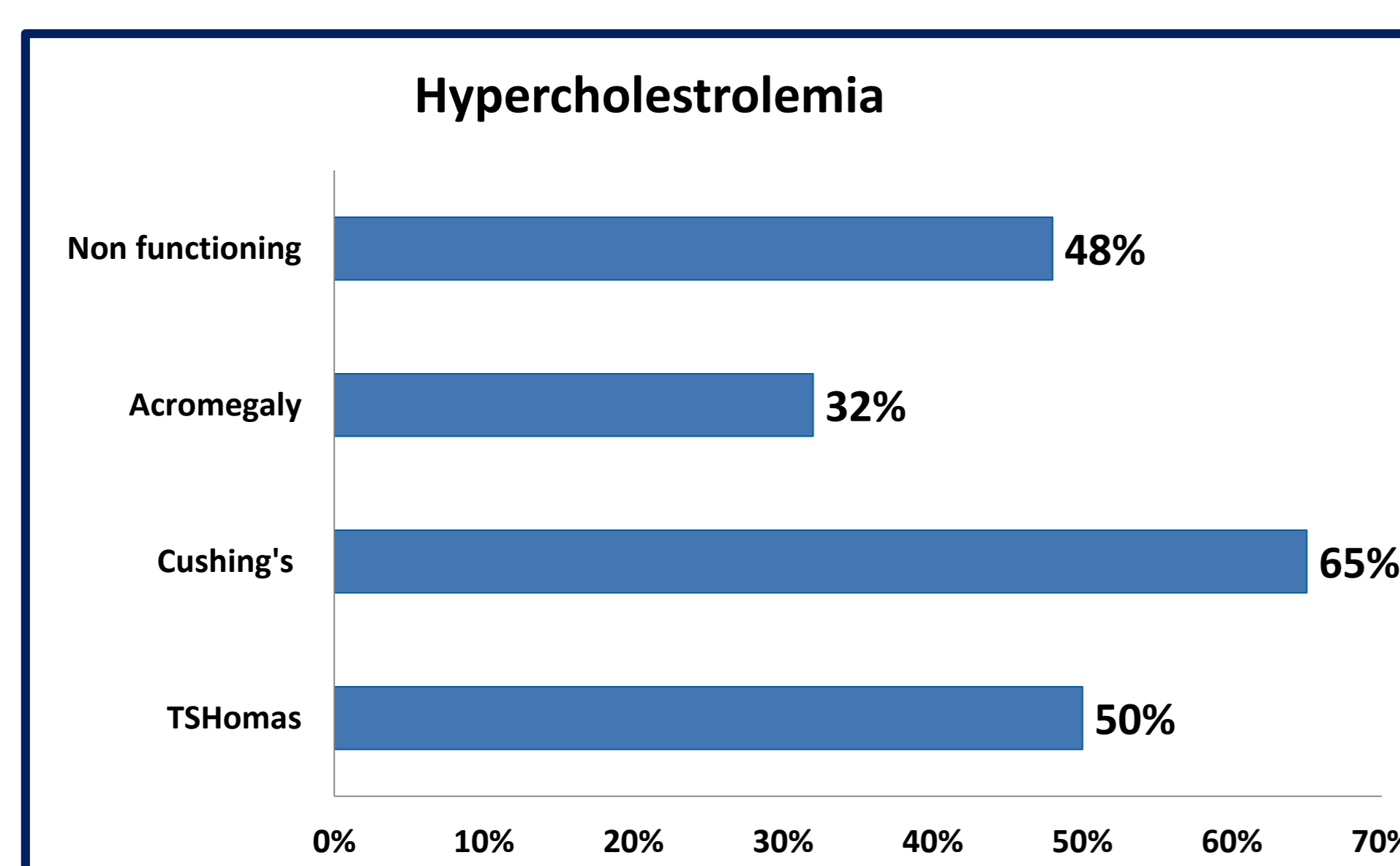
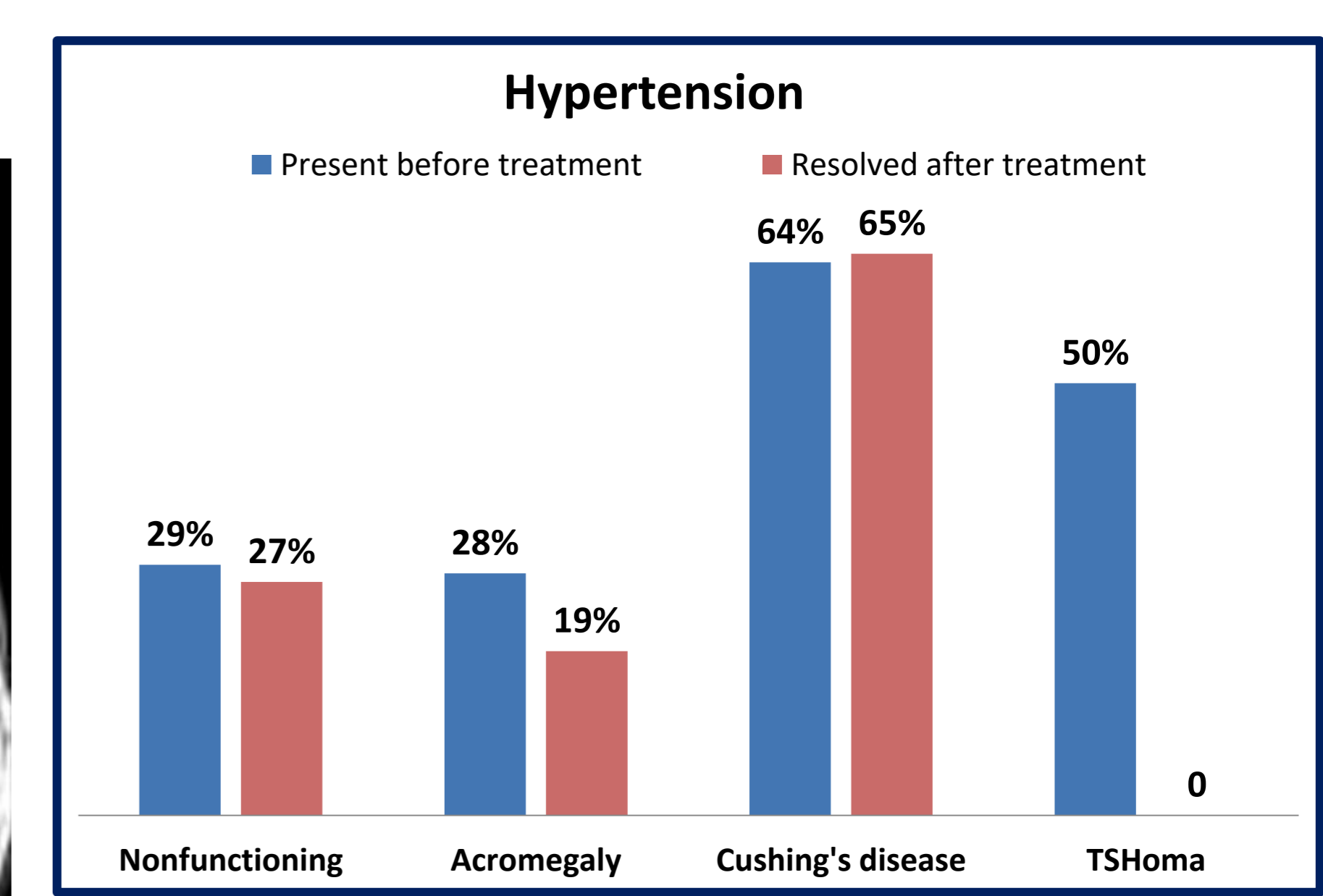
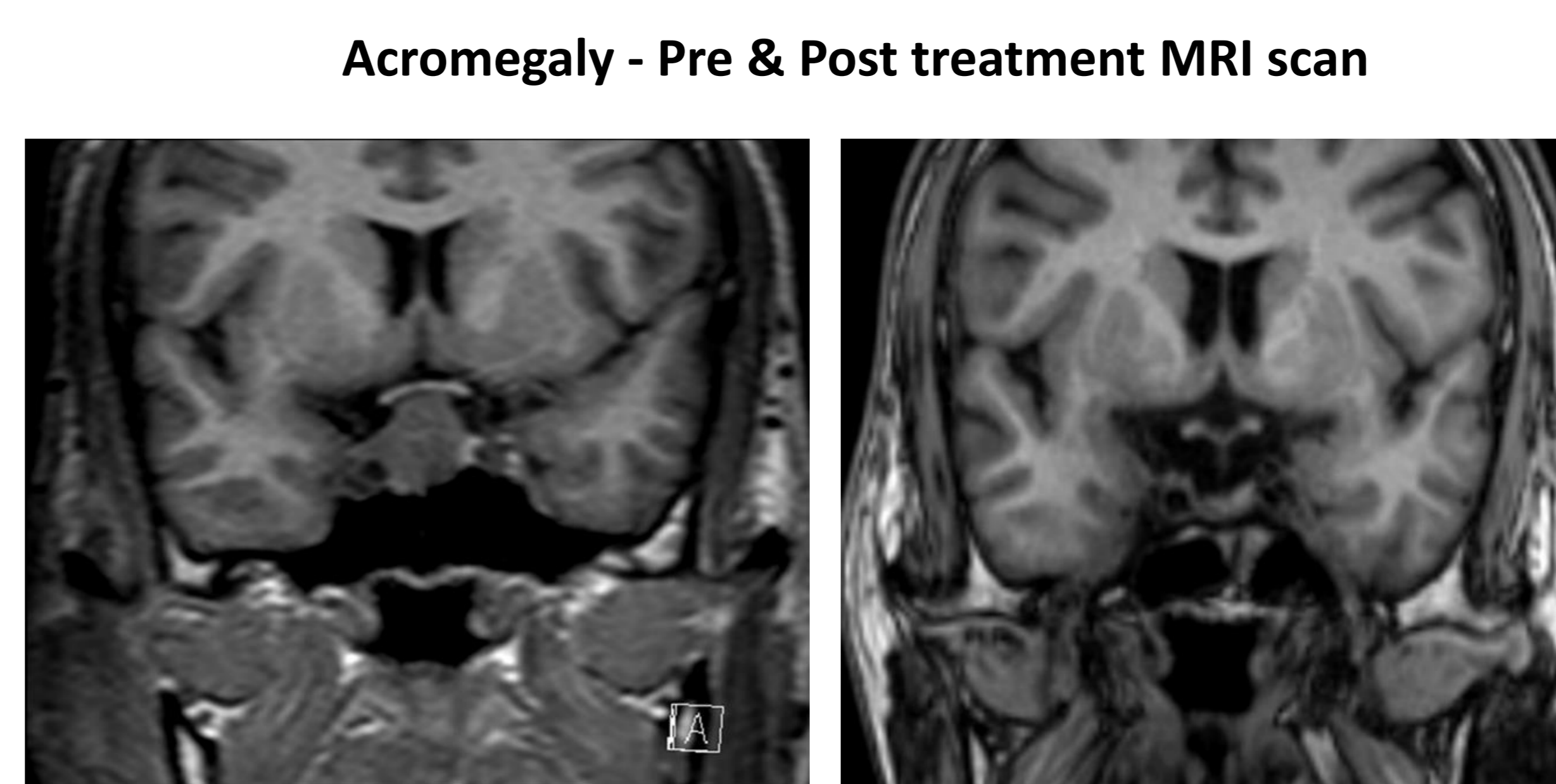
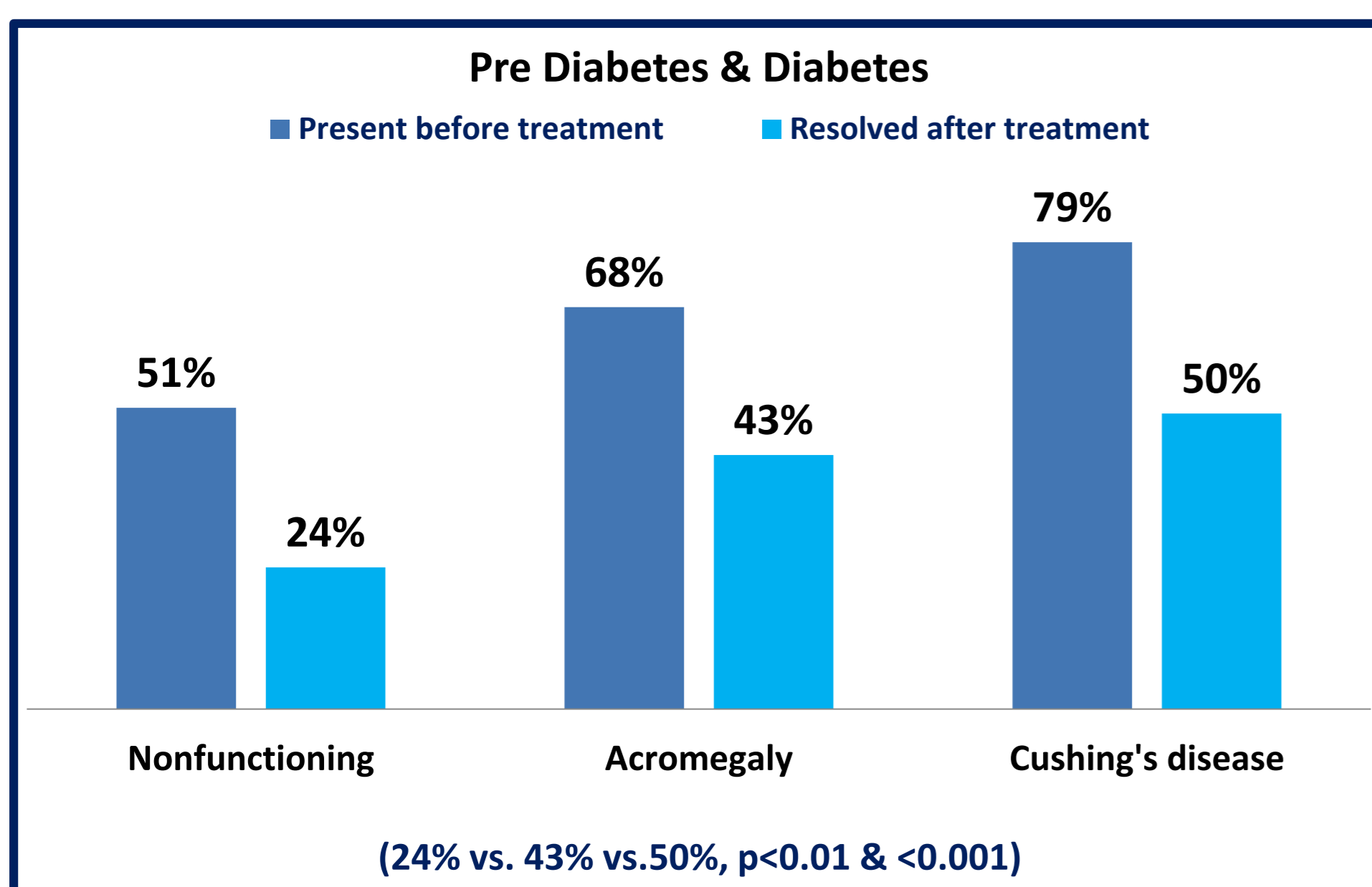
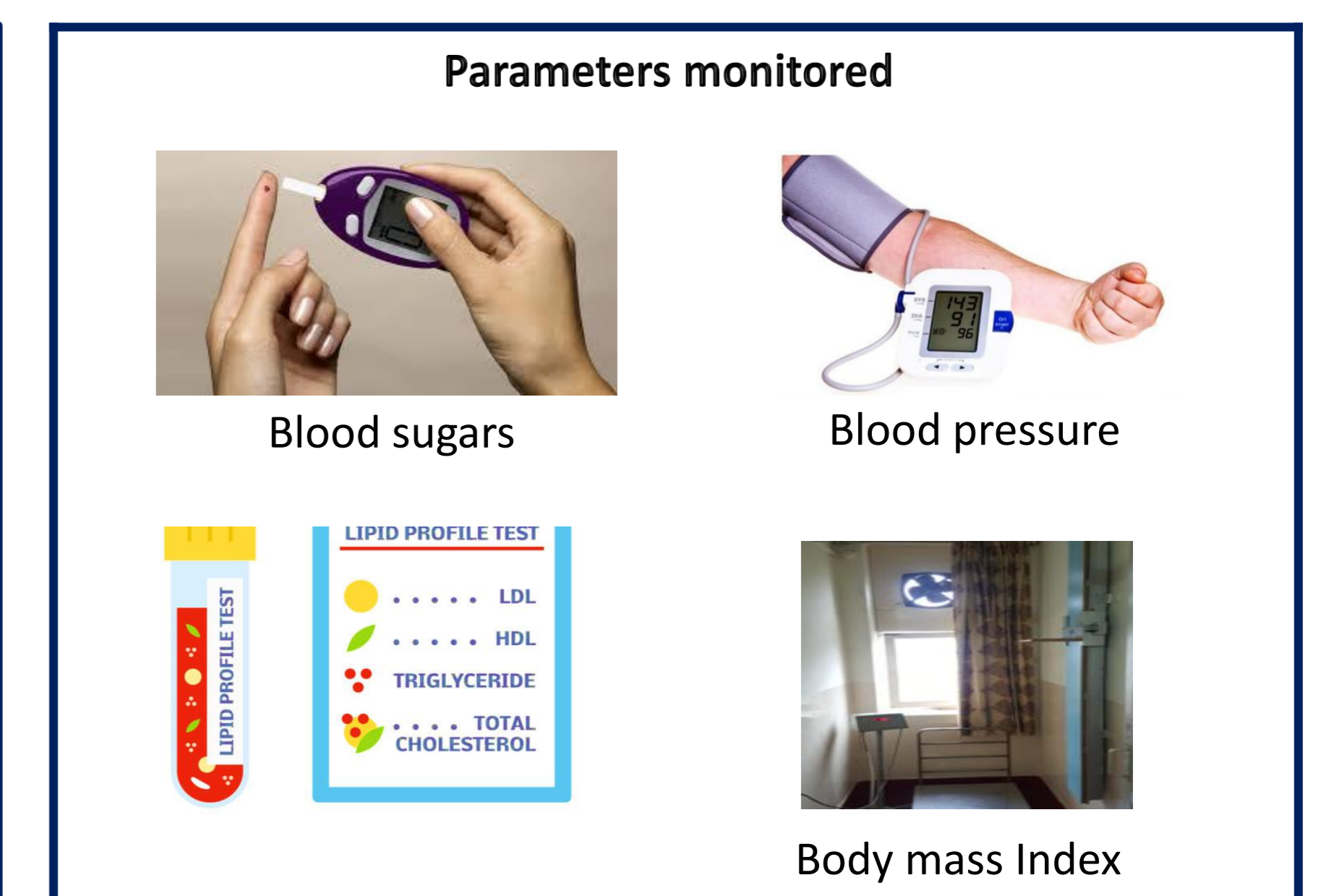
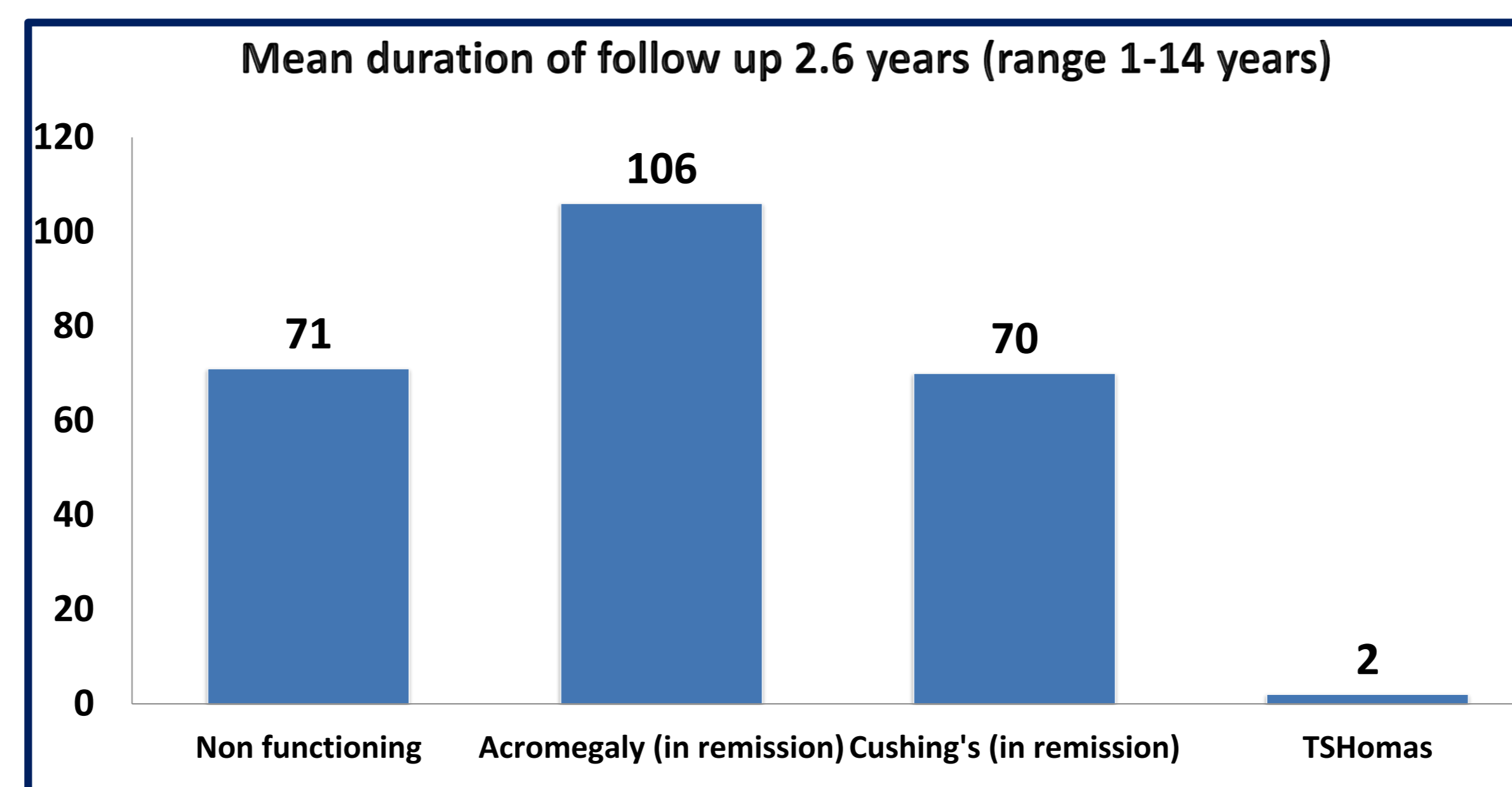
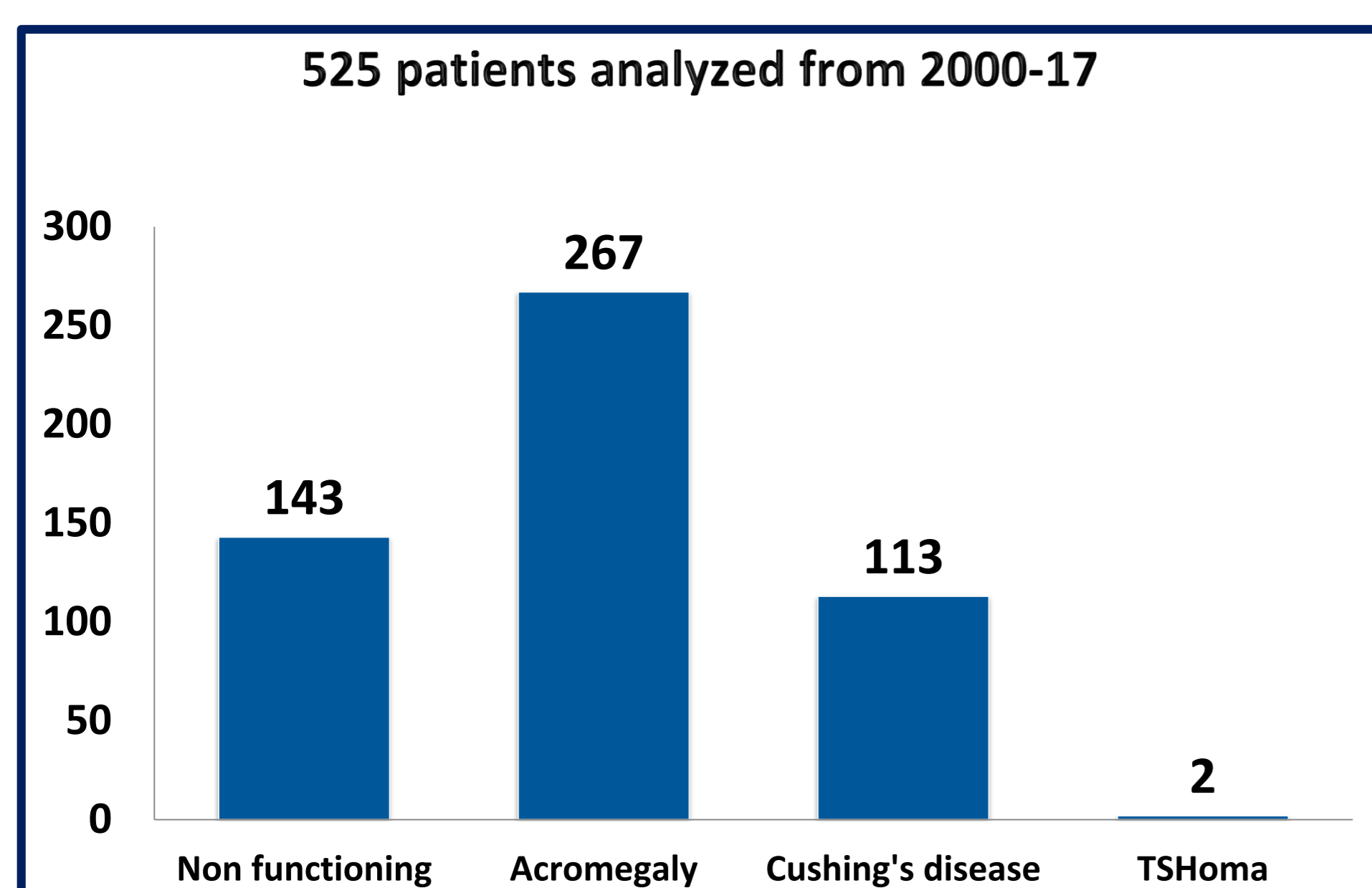
Objective:

- To study the metabolic profile of patients after surgery for pituitary tumors.

Methods:

- This retrospective study included 1138 patients with pituitary tumors from 2000-17. Those with Prolactinomas, Pituitary apoplexy and those who underwent surgery elsewhere were excluded from the study. The final analysis included 525 patients, non-functional tumors (143), Acromegaly (267), Cushing's disease (113) and TSHomas (2). The following parameters were serially followed up - blood sugars, blood pressure, lipid profile and body mass index (BMI). The median duration of follow up was 2.6 years (range 1-14 years). Patients followed up included nonfunctional tumors (71) and functional tumors in remission Acromegaly (106), Cushing's disease (70) and TSHomas (2).

Results



Conclusions:

- At follow up, diabetes resolved in 50% of patients with Cushing's disease vs. 43% of patients with Acromegaly. Similarly hypertension resolved in 65% of patients with Cushing's disease vs. 19% of patients with Acromegaly. Only those with Cushing's disease showed improvement in BMI. Dyslipidemia continues to persist in all 4 subgroups.