Hydroglycemia is the antidiabetic drugs major side effect especially for insulin and insulin secretagogues. Few observations in real life iatrogenic hypoglycemia studies on type 2 diabetes have been carried out.

To assess iatrogenic hypoglycemia frequency on type 2 diabetic patients and to measure its impact on quality of life.

It is an observational cross-sectional study among type 2 diabetes inpatient and outpatient at endocrinology department. Patients were asked the number of times they experienced light or moderate hypoglycemia in the past 6 months and severe hypoglycemia in the past 12 months. Quality of life related to patient’s health was measured by the EQ-5D (Euro 5 quality of life dimensions). The EQ-5D score index was determinate through a conversion table. This score can range from -0.529 to 1 for our country. The EQ-5D also includes a visual analog scale (EQ-VAS) graduated from 0 to 100.

Statistical tests ANOVA and chi² were applied and statistical significance was accepted at \( p < 0.05 \).

Hypoglycemia is associated with a quality of life index less than the average level \( (p < 0.001) \).

A total of 141 Type 2 diabetic patients were enrolled. Average age was 59.3 +/- 10.2 years and sex ratio was 0.64.

Our study revealed that iatrogenic hypoglycemia had elevated rates and it impacts Type 2 diabetic patients quality of life. This major side effect should have more consideration by practitioners for better diabetes management.