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## Ketosis prone diabetes, investigations, and management options including possible bariatric surgery to induce remission of type II diabetes

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**K**etosis prone diabetes, a condition that emerged in the mid 1990's, is a heterogeneous syndrome and a form of diabetes that doesn't fit the criteria that was defined by the American Diabetes Association. This condition is also described as "Flatbush Diabetes" or "Ketosis prone type II diabetes". Its prevalence has been increasing particularly among urban multiethnic populations. It involves patients that present with Diabetic Ketoacidosis but lack the typical phenotype of type I diabetes, and instead have the characteristics of type II diabetes which include: Acanthosis nigricans and elevated BMI. Those patients usually present with DKA as the initial manifestation then develop insulin independence including hypoglycemic episodes, and will require oral hypoglycemic agents. They are often investigated 3 weeks post the DKA episode to identify their beta cell function reserve and autoantibody status. Consequently, a new classification system, the A $\beta$  system, emerged and that categorizes patients based on the presence or absence of antibodies or the presence or absence of beta cell function reserve. In this presentation, an 18 year old boy with features of metabolic syndrome presented with DKA as the initial presentation, and was treated and managed as type I diabetes until the investigations identified him as A- $\beta$ +. A potential treatment option of bariatric surgery was offered after adjusting his medication accordingly.

### Biography

M. Shaikh Yousef have been graduated from Abu Dhabi International Private School in June 2016. Currently, she finished her third year of study in Medical School at NUI Galway. She has a special interest in Endocrinology. She look forward to being more involved in this field and perhaps be involved in research in that area.