

## **A Study on Somatotyping of Patients with Type 2 Diabetes Mellitus in Amritsar**

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**ABSTRACT** In the present study an attempt has been made to evaluate the somatotype status of patients with diabetes mellitus aged 27-70 years. A total of 204 randomly selected diabetic samples (100 males and 104 females) were considered from Amritsar, Punjab, for the present study. The results indicate that diabetic females have higher mean values for endomorphy (8.3) and mesomorphy ( 5.6 ) and lesser mean value for ectomorphy (0.4 ) than their males counterpart ( 7.2, 4.9 and 0.7 respectively), however highly significant differences ( $p < 0.001$  ) were noted in endomorphy (  $t = 4.81$  ) and statistically significant differences ( $p < 0.05$ ) were found in ectomorphy ( $t = 2.25$ ) among them. The mean somatotype for the type 2 diabetic patients was 7.77-5.09-0.56.