

## Prevalence of Obesity among BS-Final-Year Students

Syed Arif Kamal<sup>#</sup>, Arshia Naseem, Sabiha Burki, Samira Sahar Jamil\*, Saba Shahid,  
Syeda Wajeaha Ali, Kamran Khan Hashmi, Anum Fatima,  
Syeda Sadia Hidayat, Safia Dilshad, Saba Batool  
and Muna Anis Khan

SF Growth-and-Imaging Laboratory, the NGDS Pilot Project and Anthromathematics Group,  
Department of Mathematics, University of Karachi, Karachi, Pakistan  
[profdrakamal@gmail.com](mailto:profdrakamal@gmail.com)

**Background:** The widely prevailing disease of obesity in students is growing dramatically day-by-day throughout the world. Obesity is not only a physical disorder itself, but also significantly affects the physical and the psychological health of the obese individual in many ways. The extra body fats overburdens the body and so causes

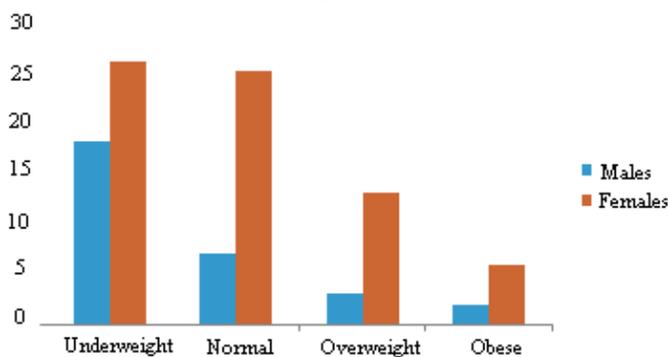


Fig. 1. Gender-wise classification of obesity

stress on the cardiovascular and the skeletal systems of human body. Obesity has become one of many important causes of numerous medical conditions, like blood pressure, diabetes, gall bladder, colon cancer, *etc.* Moreover, psychosocial problems like hypertension, functional limitations and lack of concentration in studies/work are some of many risk factors associated with obesity.

**Methods:** This research presents the obesity profiles of 60 BS (final year) students (30 females, 70 males) of Faculty of Science, University of Karachi (class of 2010). The survey was conducted during summer of 2010. The BMI of each student was calculated and then obesity profile was prepared for each individual (Fig. 1 and 2).

**Results:** 24 of the students were found to have a BMI greater than 30, while 32 had normal weight-for-height. 44 were underweight.

**Conclusions:** Obesity is a disorder with multiple causes. In our sample, the students were found to be following unhealthy eating habits. Besides genetic factors, the intake of a diet, which is high in calorie and carbohydrates and low in nutritional value plus decline in physical activity is the major cause of obesity in these students. The students should themselves be conscious of their health and take measures to maintain healthy physique.

**Keywords:** Obesity, body-mass index, height, weight

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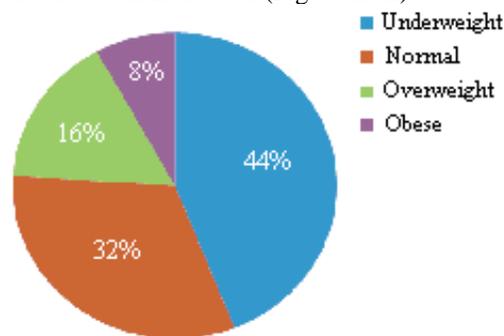


Fig. 2. Pie chart of obesity classification

<sup>#</sup>PhD (Mathematical Neuroscience); MA, Johns Hopkins, Baltimore, MD, United States; MS, Indiana, Bloomington, IN, United States; Project Director, the NGDS Pilot Project; Director, SF Growth-and-Imaging Laboratory; Sessional Faculty, Faculty, the Aga Khan University Medical College (1996-2006); Associated Professor in Orthopedic Surgery, Malmö General Hospital, Sweden (1988); Research Associate in Orthopedic Surgery, James Whitecomb Riley Hospital for Children, Indianapolis, IN, United States (1980); Member, American Association for Physicists in Medicine (1980-1983) • *paper mail*: Professor, Department of Mathematics, University of Karachi, PO Box 8423, Karachi 75270, Pakistan • *telephone*: +92 21 9926 1300-15 ext. 2293 • *homepage*: <http://www.ngds-ku.org/kamal> • *project URL*: <http://ngds-ku.org>

\*MPhil Candidate, Mathematical Sciences Research Center, Federal Urdu University of Arts Sciences and Technologies(FUUAST), Gulshan-é-Iqbal Campus, Karachi 75330, Pakistan.