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Nutrition Status Of Blind Students In Residential Schools In Fayoum Governorate

By

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Thesis

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ABSTRACT

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The present study aimed to assess the nutritional status of blind students in residential schools in Fayoum Governorate. The nutritional status of (47 M + 23 F) from AL Nor School For Blind Male Students and AL Nor School For Blind Female Students, (the residential department) was examined. Education levels, occupation types of blind student parents, income levels of their families, HT, WT, AC, TSF, AMC, and 24-hr. dietary recall were taken for blind students. All results statistically analyzed.

Results Showed: (44%) of fathers and (70%) of mothers were illiterate, (47%) of fathers were farmers, (97%) of mothers were housewives, and (71%) of blind student families in low-income level. (HT) for blind males was (82%), (WT) was (63%), (AC) was (74%), (TSF) was (67%), and (AMC) was (76%) of the standard. (HT) for blind females was (85%), (WT) was (70%), (AC) was (77%), (TSF) was (62%), and (AMC) was (81%) of the standard. Calories for blind males at home & school were (45.5% and 62%), and for blind females at home & school were (49.7% and 43%) of RDA. Protein for blind males at home & school were (103.7% and 146.2%), and for blind females at home & school were (99 % and 105.5%) of RDA. Fat for blind males at home & school were (22.5% and 41.7%), and for blind females at home & school were (29.7% and 38.9%) of RDA. Carbohydrate for blind males at home & school were (54.5% and 68.5%) and for blind females at home & school were (50% and 37%) of RDA. Calcium for blind males at home & school were (21.4% and 39%). and for blind females at home & school were (19.5% and 26.5%) of RDA. Iron for blind males at home & school were (86.4% and 92.4%) and for blind females at home & school were (58% and 51.3%) of RDA. Vitamin A for blind males at home & school were (58% and 100%) and for blind females at home & school were (54.3% and 61.4%) of RDA.