

ZINC AND COPPER LEVELS IN PROTEIN-ENERGY MALNOURISHED SERUM CHILDREN RESIDING IN INDORE DISTRICT

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(Accepted 19 January 2009)

ABSTRACT - Protein-energy malnutrition has been identified as major health problems in India. This study was done in 100 children (age 1-4 years) suffering from protein-energy malnutrition and compared it with apparently healthy children (100) which served as control. The antioxidants which were studied were zinc, copper and iron and it was seen that children suffering from protein-energy malnutrition have significantly low levels as compared to healthy children ($p < 0.05$).

Key words : PEM, Kwashiorkor, marasmus, zinc copper and iron.