
Serum zinc and magnesium in rachitic infants

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Zinc is one of the trace elements which is essential for normal growth and development in human beings, zinc participates in many of the physiological processes specially bone formation and growth. Magnesium affects to a great extent calcium absorption & metabolism, parathyroid function and vitamin D synthesis. The aim of our study is to estimate the serum zinc and magnesium levels in rachitic as well as studying of the relation between maternal milk contents of zinc and magnesium and serum levels of these elements in breast fed rachitic infants. Forty rachitic infants, along with twenty normal healthy age matched infants were the subjects of the present study. Half of each group were breast fed, while the rest were artificially fed.