

A study on mineral status in gestational diabetes mellitus

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ABSTRACT

Gestational diabetes mellitus is a form of diabetes affecting only pregnant women. If a pregnant woman develops diabetes for the first time during pregnancy, she is said to suffer from gestational diabetes mellitus. Blood samples were collected from control subjects (Group I) and GDM patients (Group II). After preliminary preparation, the processed samples were subjected to mineral analysis in Atomic Absorption Spectrophotometer. After Deuterium lamp background correction, Calcium, copper, magnesium and zinc levels were greater than control whereas the level of iron is less than control.