

The level of serum ferritin was significantly increased in thalassaemia major in relation to its level in thalassaemia minor and control ($p<0.001$, $p<0.00001$). Similarly it

was significantly increased in thalassaemia minor in relation to its level in control ($p<0.001$) {Table 2 and figure 2}.

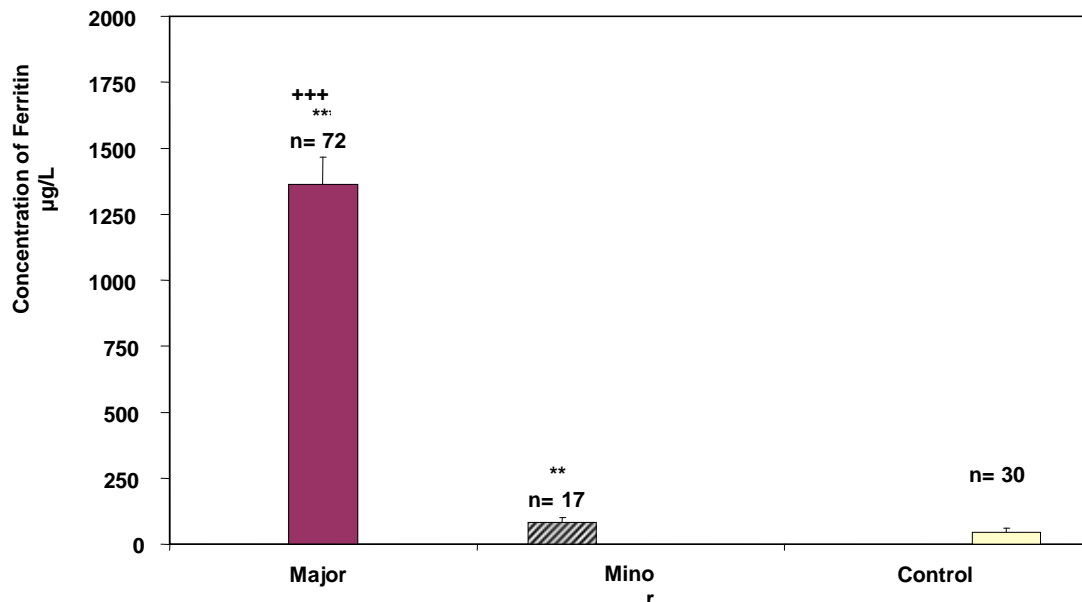


Figure 2: The serum ferritin concentration in thalassaemia major, minor and control.

*** $p<0.001$ correspondent to control.
+++ $p<0.001$ correspondent to minor.

** $p<0.01$ correspondent to control.

This study had revealed a positive correlation between serum Mg and the haemoglobin level in B- Thalassaemia major patients ($r=0.457$) (Figure 3).

Moreover, there was a positive correlation between serum Zn, haemoglobin and PCV ($r=0.278$, $r=0.306$) respectively (figures 4 and 5).

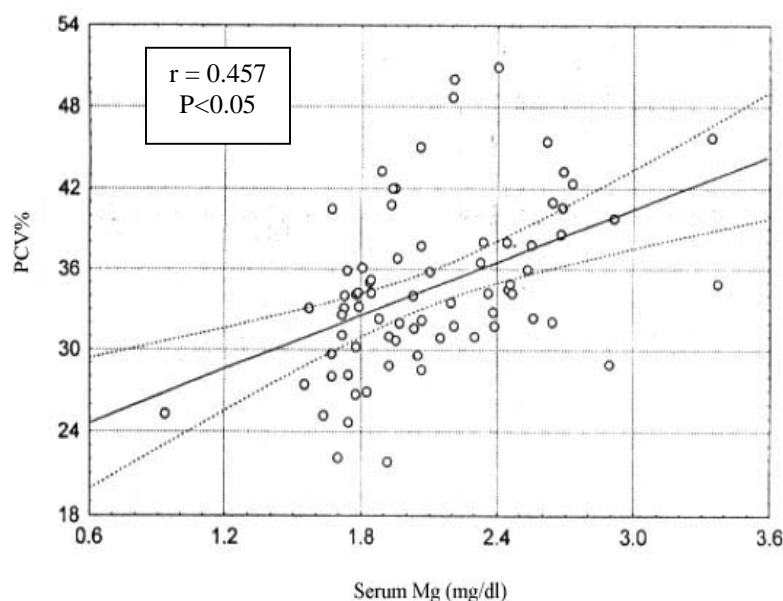


Figure 3: Positive correlation between Serum Mg and PCV in B thalassaemia major patients