



respectively. The mean red cell thiamin in thalassemic patients was not significantly different from the normal subjects (  $p > .05$  ). The transketolase activity in normal subjects (n=32), nonsplenectomized  $\beta$ -thalassemia/Hb E (n=36) and splenectomized  $\beta$ -thalassemia/Hb E (n=32) were  $72.04 \pm 14.21$ ,  $102.11 \pm 18.44$  and  $129.00 \pm 18.44$  IU, respectively. The mean transketolase activity of these patients was significantly higher than those of the normal subjects ( $p < 0.05$ ), and the splenectomized  $\beta$ -thalassemia/Hb E had significantly higher transketolase activity than that of the nonsplenectomized  $\beta$ -thalassemia/Hb E. However, the range of TPP effect in the patients with and without splenectomy are in the range of normal subjects [normal subjects (n=32)  $13.14 \pm 3.30$  %, nonsplenectomized  $\beta$ -thalassemia/Hb E (n=36) =  $6.80 \pm 5.09$  % and splenectomized  $\beta$ -thalassemia/Hb E (n=32) =  $4.56 \pm 2.63$  % ]. These findings suggested that there was no evidence of thiamin deficiency in patients with thalassemia in the present study.