the end of the experimental period in T and FAI values of the WG group were significantly higher than the corresponding differences: a) of the AG group by 338 and 609%, p<0.05 and b) the CG group by 91 and 96% (p<0.05), respectively. No significant differences were observed in regard to SHBG (Tables 5, 6). No differences between the beginning and the end of the experimental period were observed in the control group in all hormonal parameters.

**DISCUSSION**

Studies in children participating in competitive sports have demonstrated distinct differences in height and body composition. Information concerning hormones related to growth and sexual maturation is scanty.