The incidence of macrosomia is higher in a relationship between TSH levels and obesity. 2 Fetal macrosomia is defined as a birthweight of more than 4000 g. 3 Among 343 adolescents, 25.1% were overweight, and 74.9% were obese. In the study group, the mean age was 14.03±1.76 years and 59.8% of the subjects were girls. The geometric mean of TSH was associated with 0.13 fold lowering of TSH levels from 0.15 to 0.30. Our result implies association between macrosomia and childhood obesity. By expanding the cohort to include children attending a weight management programme over more than one year, this would strengthen the accuracy of our results. By selecting a cohort from one year of the programme, the sample size was limited to 230 people. Additionally, this observational study was dependent on birth weight recordings in patient charts which was subject to recall bias.

**REFERENCES**