

LOW BACK PAIN AND SCOLIOSIS IN ADOLESCENTS

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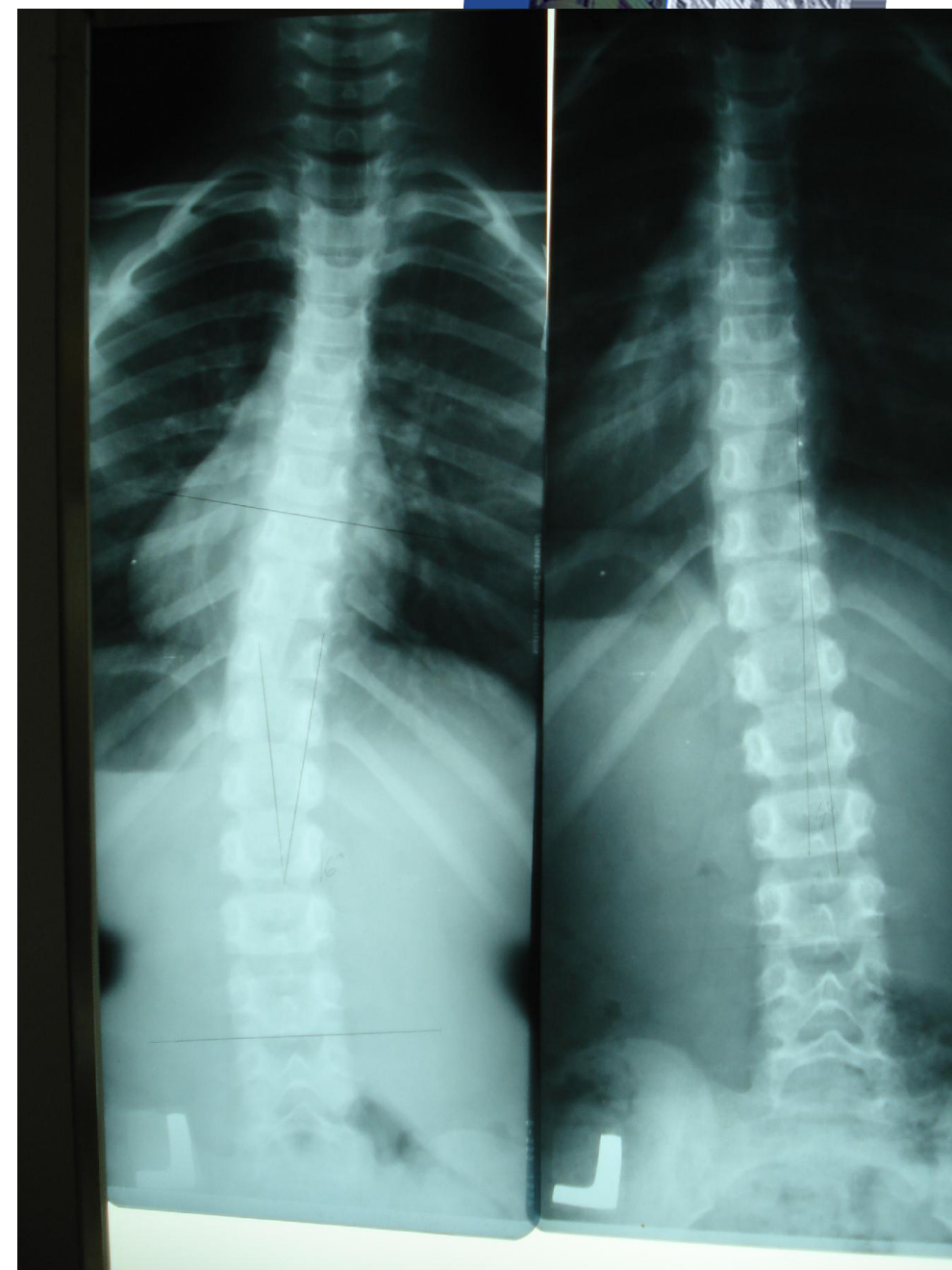


Background and aims.

The presence of scoliosis in adolescents could be associated with low back pain. **Objectives.** The aim of this study is to investigate correlation between low back pain and scoliosis.

Methods.

This investigation involved 200 (156 girls and 44 boys) adolescents with an average age of 12.7 ± 1.34 years. Modified original *The physical activity and postural disturbance test* were used for the investigation. For statistical analysis Pearson's test of correlation was used to estimate association of low back pain and scoliosis in adolescents. Differences were statistically significant on the level of $p < 0.05$.



Results

It was shown that there was statistically significant association between low back pain and scoliosis ($r=0,305$, $p=0,031$).



Conclusions.

Low back pain is associated with scoliosis in adolescents. These findings could be useful in practice and further investigation.

Key words: scoliosis, low back pain, adolescents