گواهی ثبت مقاله در سیویلیک CIVILICA.com

#### عنوان مقاله:

The Effects of Circuit Resistance Training on Inflammatory Status, Insulin Resistance and Body Composition in Overweight Adolescent Boys

## محل انتشار:

مجله ديابت و چاقى ايران, دوره 11, شماره 2 (سال: 1398)

تعداد صفحات اصل مقاله: 8

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#### خلاصه مقاله:

Objective: The overweight-related health problems among adolescents are obvious. Resistance training is recognized as a safe and efficacious exercise modality to have health-promoting effects in overweight adolescents. This study aimed to assess the efficacy of circuit resistance training (CRT) in improving inflammatory status, insulin resistance and body composition in overweight male adolescents. Materials and Methods: Twenty overweight adolescent boys (aged: \lambda.\lambda (\pmu1), weight: \lambda1.1 (\pmu\pi.\lambda), body mass index: \lambdaY.Y (\pmu.\lambda \cdot \rangle Y)) completed this study. The participants were randomly and equally divided into two groups of control (CG; n=\lorenthforallor) and circuit resistance training (CRT; n=\lorenthforallor). The CG did their daily routine activities and the CRT group performed its training protocol \mathbb{\math

# کلمات کلیدی:

Circuit resistance training, Obesity, Anti-inflammatory cytokine response, Insulin resistance, body composition

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