

الملخص الانجليزي للبحث المقدم من
الدكتور/ ريمون مجدي يوسف - مدرس طب الأطفال
للحصول على اللقب العلمي لوظيفة أستاذ مساعد طب الاطفال



البحث الاول

عنوان البحث باللغة الانجليزية:

Insulin like Growth Factor-1 in Children with Cerebral Palsy

Abstract

Aim: The aim of the study is to assess insulin like growth factor-1 (IGF-1) as a possible non-nutritional factor for growth retardation in children with cerebral palsy (CP)

Methods: Forty children with cerebral palsy and forty age-matched controls were enrolled. For all, serum IGF-1 & Ca level were measured by enzyme-linked immune sorbent assay (ELISA)

Results: There was a statistically significant difference between cases and controls regarding IGF-1 with p-value <0.0001. Also, there was a significant difference in IGF-1 in relation to the height between stunted & normal with p-value 0.022, but there was no significant difference between patients and control regarding blood calcium level

Conclusion: Insulin like growth factor-1 deficiency is a possible non-nutritional factor for growth retardation in children with cerebral palsy (CP) especially stunted children