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**題目 (Title):**

腦性麻痺幼兒的醫療及手術經驗

(Medical and Surgical Procedures Experienced by Young Children With Cerebral Palsy)

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**目的 (Purpose):**

以粗大動作功能分級和地區分布調查腦性麻痺兒童的醫療及手術經驗的變異性

(To determine the variation in medical and surgical procedures experienced by children with cerebral palsy (CP) by Gross Motor Function Classification System (GMFCS) levels and geographical region.)

**方法 (Methods):**

以次級資料分析法分析一個包含 386 位介於 18 個月到 5 歲大(平均年齡 38 個月, 標準差 11.5 個月)之腦性麻痺兒童的現存之資料庫。以單因子變異分析統計分析這群幼兒經驗的醫療及手術總數。

(A secondary analysis of an existing database was completed on 386 children with CP (56% male) between the ages of 18 months and 5 years (mean of 38 months, SD = 11.5). The total number of procedures experienced by young children was analyzed using 1-way analyses of variance.)

### **結果 (Results):**

肉毒桿菌注射，胃造瘻，引流術，和胃腸、呼吸、及眼睛相關的醫療處置在不同的粗大動作功能分級上有顯著的差異。至於在北美東、中、西區的區域分布上則無顯著差異。

(Botulinumtoxin A (Botox) injections, gastrostomies, shunts, and interventions involving the gastrointestinal tract, respiration, and eyes varied significantly by GMFCS level. No meaningful variations were detected between East, Central, and West regions in North America.)

### **結論 (Conclusions):**

本研究指出不同粗大動作功能分級之腦性麻痺兒童的醫療及手術經驗變異。這些資訊對提供腦性麻痺兒童全面性服務的治療師及家長有相當助益。

(This study describes variations in medical and surgical procedures for children with CP across GMFCS levels. This information is useful for therapists and parents when planning comprehensive services for young children with CP.)