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摘要(中)	服用抗精神分裂藥物的副作用會造成患者體重增加，進而嚴重影響病人的健康，造成精神分裂症患者罹患糖尿病及心臟血管疾病的危險性增加，然而抗精神分裂症藥物引起的體重增加的致病機轉仍不清楚。本研究想要瞭解運動介入是否可有效達到體重控制的目的，進而改善血糖、血脂之異常現象。篩選經 DSM-IV 診斷為精神分裂症、服用抗精神病劑超

	<p>過十週、BMI >24.9 之個案，共有 51 名住院受試者符合收案條件，且全程參與 12 週運動課程。受試者分為對照組 26 人與實驗組 25 人，其中實驗組給予 12 週的運動介入，對照組則僅維持常規的臨床照護。分析資料包括所有受試者研究期間第 0,4,8, 12 週的體位測量值，第 0,6,12 週的身體組織成份、血液生化值分析，以及 2 天的飲食記錄。結果顯示運動介入後實驗組與對照組每日飲食熱量及營養素攝食改變沒有顯著差異 ($P>0.05$)，運動介入組比對照組能有效的降低因服用抗精神分裂藥物引起之體重增加 (-0.86 ± 2.8 vs. $+1.72 \pm 3.0$ kg, $P < .0001$); 如果運動介入被建議用來管理抗精神分裂藥物引起的體重增加，適當運動強度是需要考量的；減重對精神分裂患者是相當困難但不是不可能的事，由於目前研究結果並無明確的結論，在不推薦使用藥物介入下，持續以行為調整計畫推動控制體重的飲食和運動是必要的。</p>
<p>摘要 (英)</p>	<p>One of the common side effects of antipsychotic medication is weight gain which has serious implications for a patient's health and well being. These patients are at increased risk for a variety of obesity-related medical conditions such as diabetes and cardiovascular disease. However, the pathophysiology of antipsychotic drug-induced weight gain remains unclear. The purpose of this study was to evaluate the effectiveness of exercise intervention on the weight loss and the improvement of hyperglycemia and/or hyperlipidemia in the schizophrenia patients. Fifty-one subjects with schizophrenia disorder (DSM- IV) treated with antipsychotic drug for at least 10 weeks and BMI >24.9 kg/m² were recruited in this study. Subjects were assigned to the control group (26 out of 51) or the experimental group (25 out of 51). Twelve weeks of exercise intervention was given to the subjects of experimental group while the control group only maintained the regular clinical care. Anthropometric measurements were collected at the time point of the 0, 4th, 8th, 12th weeks. Body composition, blood biochemistry values as well as 2-day 24-hour dietary records were measured at the 0, 6th, 12th weeks. The results indicated that there were no significant difference of calorie and macronutrients intakes between the experimental group and the control group ($P > .05$). Compared with the control, the body weight loss ($+1.72 \pm 3.0$ vs. -0.86 ± 2.8 kg, P</p>
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