

血液透析病人發生不明原因之雙腔中央靜脈留置管路破裂

## **Spontaneous fracture of cuffed dual-lumen central venous catheters in hemodialysis patients.**

陳振文

**Lin CW;Chen HH;Li IC;Lin YL;Chen TW**

摘要

雙腔中央靜脈留置導管在血液透析方面的使用愈來愈廣泛，也愈來愈重要。其中，感染及阻塞等常見併發症在過去幾年已被廣為討論。而其它少見之併發症—雙腔中央靜脈留置管路之不明原因破裂，隨其廣泛被使用，也有愈來愈多的報告出現。在過去的兩年內，我們有三位使用中央靜脈留置導管的透析患者，發生了不明原因的破裂。我們試著分析病人的年齡、性別、原發病因、導管使用時間、導管感染、阻塞、使用導管內血栓溶解劑及使用導管內抗生素留置，來探討導管發生破裂的原因。

**Abstract**

Cuffed dual-lumen central venous catheters (DLCVC) have been used increasingly in hemodialysis treatment. DLCVC-related complications such as infections and thrombosis were well discussed in the past. However, reports of spontaneous catheter fracture, one of the rare complications of DLCVC, have increased as a result of more frequent and longer use of DLCVC. Three of our hemodialysis patients were found to have spontaneous catheter fracture during the past two years. We analyzed the possible causes by reviewing the patients' age, sex, comorbid conditions, duration of catheter use, catheter infection, thrombosis, use of intracatheter thrombolytic agents, and the use of intracatheter antibiotic lock. The published studies about this complication were also reviewed.