



Service Priorities and Programmes
Electronic Presentations

Convention ID: 147

Submitting author: Ms Man Ching LAW

Post title: Nurse Consultant, Prince of Wales Hospital, NTEC

A structured renal nurse clinic provides immediate and effective services to chronic peritoneal dialysis patients

Law MC, Szeto CC, Fung JSF, Leung CB, Li PKT

Renal Unit, Department of Medicine and Therapeutics, Prince of Wales Hospital

Keywords:

peritoneal dialysis

renal nurse clinic

medical clinic

resources management

Accident and Emergency Department

Introduction

Around 75% of the dialysis patients in Hospital Authority is receiving peritoneal dialysis (PD), it accounts for nearly 4,000 patients in Hong Kong. Majority of these patients are stable home dialysis patients. However, the patients may have PD related technical problems or symptoms which require immediate management. If no effective way of handling their needs, they would book medical clinics or seek medical advice from Accident and Emergency Department (AED). In order to meet the services need, we developed a model of care to provide appropriate services to these patients.

Objectives

1. To meet the services need of chronic PD patients. 2. To avoid the unnecessary use of medical clinics and AED by chronic PD patients. 3. To evaluate the effectiveness of the new model of care.

Methodology

1. Identify four types of common PD problems/ complications that usually require immediate management. 2. Develop nurse clinic protocols to guide the management of the four identified common PD problems/ complications in renal nurse clinic. 3. Increase renal nurse clinic from two sessions per week to one session per day from Monday to Friday to cope the needs of patients. 4. Have an one-year evaluation on the services provided.

Result

In the evaluation period, on top of the usual renal nurse clinic services, we had 235 renal nurse clinic attendance for the four identified PD problems. Among the 235 renal nurse clinic attendance on handling the four types of PD problem, less than 10 % of the patients were referred to see doctors by renal nurse after assessment and management in renal nurse clinic. As these patients would require immediate or early management, it is obvious that the patients would seek medical advice from AED or

medical clinics if they were not provided the services in the renal nurse clinic. We concluded that the new care model is effective. It can prevent unnecessary medical clinics or AED attendance by chronic PD patients. This model of care provides appropriate services to cater the patient needs, and at the same time, it achieves better resources management.