



## Service Priorities and Programmes Electronic Presentations

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### **Nursing Case Manager for Patient with Thoracic Aortic Disease**

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#### **Introduction**

Thoracic endovascular aortic repair (TEVAR) and minimally invasive surgery were proved to be an alternate and better surgical approach in treating thoracic aortic diseases. In the Prince of Wales Hospital, aortic multi-disciplinary teams (MDT) including cardiac surgeons, vascular surgeons, interventional radiologists and nurses held regular meetings for discussing and designing treatment options for the patients starting 2013. In order to provide better management in terms of coordination of service, patient assessment, cares implementation and evaluation of service provided, nursing case managers were introduced.

#### **Objectives**

To provide better quality care and establish a management protocol to patients with thoracic aortic diseases.

#### **Methodology**

Nursing case managers were responsible for collecting patients' health information and related radiological imaging before every MDT meeting. A detailed case summary & pre-operative patient specific form of each patient would then be developed. All relevant information including treatment plan, health status, social concern, etc. would be saved in an electronic database right after the meeting. Nursing case managers would coordinate with each other, ensuring the planned treatment being implemented accordingly.

#### **Result**

Between January 2013 and February 2014, a total of 47 cases were discussed in the MDT meeting. 27 cases required surgical intervention and subsequent admission was arranged. While 20 cases were put on conservative treatment including blood pressure control and periodic follow-up imaging. By closely monitor and regular checking, two near-misses were identified where appointment bookings for imaging scan and consultation were missed. The corresponding bookings were made immediately. Nursing case managers play an important role in managing patients

suffering from thoracic aortic diseases. Electronic database provided systematic approach for checking and sorting out specific case easily. Proper care services can be safeguarded with quality care promised.