Central Venous Access Device Registry - Improving Outcomes for Patients Diagnosed with Cancer

Initiative Type

Data Collection

Technology

Status

Deliver

Added

01 May 2018

Last updated

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URL

http://staging.clinicalexcellence.qld.gov.au/improvement-exchange/central-venous-access-device-registry-improving-outcomes-patients-diagnosed

Summary

Central Venous Access Device (CVAD) registries provide clinicians with data about device-related complications and patient outcomes. The registry collects information about the patients requiring CVADs within Cancer Care Services, type of CVADs being inserted, complications and reasons for removal. This project was developed and driven by skills learnt during the Manage 4 Improvement program: a six-month integrated leadership and management program designed to build the confidence and capabilities of clinicians to support improvements in health service delivery.

Key dates

Apr 2016

Mar 2018

Implementation sites

Royal Brisbane and Women's Hospital

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Aim

To identify variances and trends in the quality of central venous access device (CVAD) care provided.

Benefits

Provide data on CVAD failure both mechanical and infective that enables targeted quality improvement initiatives.

Background

The CVAD Registry has captured information on all adult cancer patients who received a CVAD from 1st April 2016 at the Royal Brisbane and Women’s Hospital.

Solutions Implemented

A registry was established to capture information on all CVAD received for adult cancer care services. Data includes device related-complications, patient outcomes, type of CVAD, complications and reasons for removal.

Evaluation and Results

Over 1,100 CVADs have been recorded on over 600 patients. To date less than half of the patients completed their treatment with one CVAD.

Lessons Learnt

The data has been used to identify education opportunities that are currently being provided.

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