



Strategic Priority: **SPI- Medical, Research, Academic Research**

Project Name

Enhancing Central Venous Catheter (CVC) Dialysis in chronic kidney disease patients

Site

Riyadh

Department

Hemodialysis (Dialysis Access Suite)

Project Status

Completed

Project Start Date

01-01-2018

Project End Date

10-31-2018

Problem: Why the project was needed?

Higher risk of mortality is associated with low quality of dialysis through CVC access. Accordingly, Hemodialysis department aims to be in alignment with organizational objective of ZERO CLABSI by following the International guidelines recommendation for dialyzing via CVC. Therefore, this project was selected to decrease dialyzing via CVC in chronic kidney disease patients.

Aims: What will the project achieve?

To decrease the percentage of chronic kidney disease patients dialyzing via CVC from 6% to 3% by October 2018 and sustain for 6 months.

Benefits/Impact: What is the improvement outcome? (check all that apply)

- Contained or reduced costs
- Improved productivity
- Improved work process
- Improved cycle time
- Increased customer satisfaction
- Other (please explain)

Quality Domain: Which of the domains of healthcare quality does this project support?

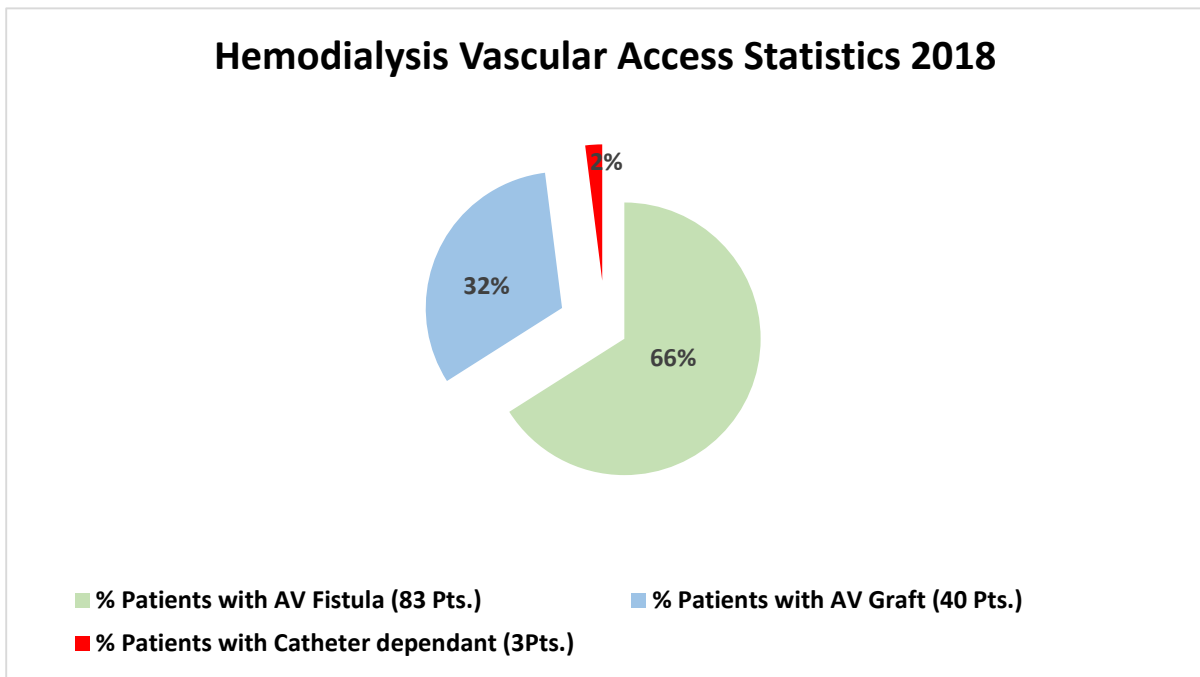
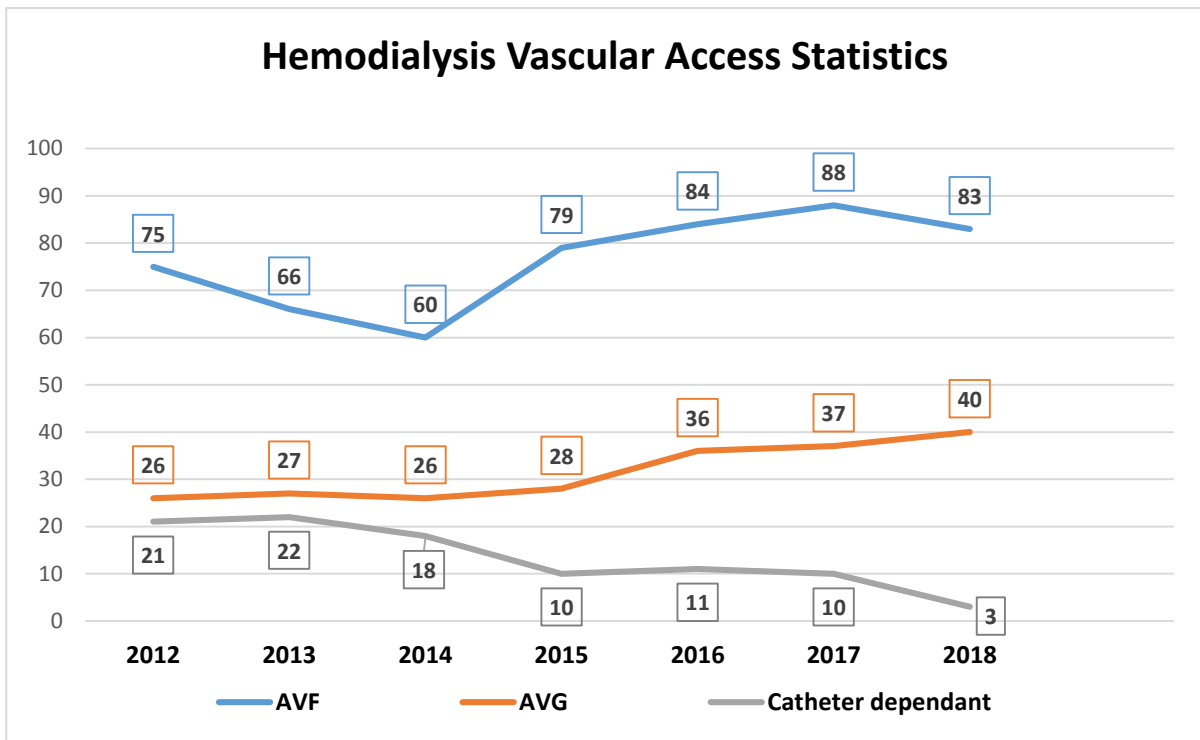
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Measures: Performance metrics to be evaluated	Targets: Expected outcomes
% Chronic kidney disease patients dialyzing via CVC.	3%

Interventions: Overview of key steps/work completed

- Review and repeat vein mapping and Venogram for the patient who have CVC.
- Liaise with Vascular Surgeons to find alternative access solution (AVF or AVG).
- Educate patients on pre dialysis forum and timely placement of Fistula or Graft (AVF/AVG).
- Outsource and request special material for difficult vascular access cases upon vascular team assessment.

Results: Insert relevant graphs and charts to illustrate improvement pre and post project
(Insert relevant graphs, data, charts, etc.)



Project Lead

Name

(person accountable for project)

Wesam Abedrbo Hemodialysis CNC
 Ghassan Al Abssi Hemodialysis CNC

Team Members

Names

(persons involved in project)

Geraldine McCrory Hemodialysis HN
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