

2008

Southeastern Kidney Council: ESRD Network 6 Stenosis Monitoring Quality Improvement Project Final Report

This information is the final report for the 2008-09 Stenosis Monitoring Quality Improvement Project. The contents of this report are to be utilized to educate patients and staff on the various methods and importance of Stenosis Monitoring. Additional copies are available on our website at www.esrdnetwork6.org



BACKGROUND:

Since 2003 the Network has increased the percentage of AVG patients monitored for stenosis from 37% to 77%. Based on the percent of facilities that answered the question with “unknown” on the 2007 CPM data collection, the Medical Review Board opted to investigate and increase the facilities understanding of the process.

CPM Question: If patient had AV Fistula or Graft was surveillance for the presence of stenosis performed?

If you answer yes, check all methods utilized

- 1. Color Flow Doppler*
- 2. Static Venous Pressure*
- 3. Dynamic Venous Pressure*
- 4. Dilution Technique*
- 5. On-Line Clearance*
- 6. Other*

The Network Medical Review Board continues to encourage staff education with regards to the process and definitions of stenosis monitoring and feel certain that this will result in continued improvement and progression toward the CMS goal of 100%.

PROJECT DESCRIPTION:

All facilities that received the 2008 Clinical Performance Measures Project will also receive a Stenosis Monitoring educational sheet with clear definitions of the process and instructions to call the Network for technical assistance. Prior to the CMS due date of the 2008 Clinical Performance Measures, Network staff will review all hemodialysis Clinical Performance Measures data and contact all facilities that answered “no” or “unknown” to provide assistance in understanding the process.

GOAL:

Increase the percent of patients with AVG stenosis monitoring to 82% in the 2008 CPM results

MEASURE:

Numerator: # of “no” or “unknown” answers in field 18 prior to Network intervention for the 2008 CPM collection

Denominator: Total # of answers in field 18

Additional measurement will be assessed for comparing 2007 CMS CPM reported information on % patients with AVF receiving stenosis monitoring to the 2008 CMS CPM

reported information on % patients with AVF receiving stenosis monitoring to evaluate the effectiveness of the intervention

INTERVENTION:

- Post Stenosis Monitoring Toolkit to website inclusive of the following:
 - K/DOQI Guidelines for Vascular Access
 - Patient Vascular Access Record
 - Vascular Access Diagram
 - Tracking Log
 - Venous Pressure Measuring Log
 - Sample Protocol
 - Patient education information
 - VAMP Vascular Access Monitoring & Surveillance Flow Chart
 - Improving Dialysis Vascular Access Article
 - What is the Role of Access Monitoring in the Dialysis Clinic Article
 - The Role of Surveillance in Mature AVF Management Article
 - A Vascular Access Surveillance/Monitoring Program that can be Instituted Immediately Q & A article
 - Arterial and Venous Monitoring During Hemodialysis Article
 - Vascular Access: Care and Monitoring of Function Article
- Fax all facilities informing them that the above information is available
- Formulate a Stenosis Monitoring Education tool and send with CPM mailing to all facilities in the 2008 CPM data collection sample
- Review field 18 on CPM data form for “no” or “unknown” status
- Contact facilities with “no” or “unknown” status, re-educate on stenosis monitoring and change information accordingly, if misreported

RE-MEASURE:

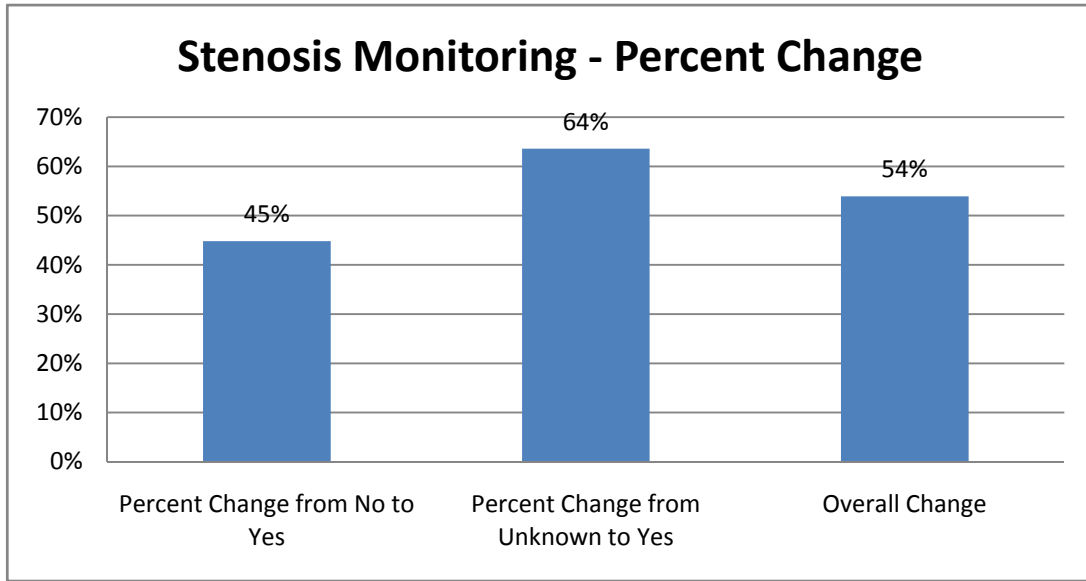
Numerator: # of “no” or “unknown” answers in field 18 after Network intervention for the 2008 CPM collection

Denominator: Total # of answers in field 18

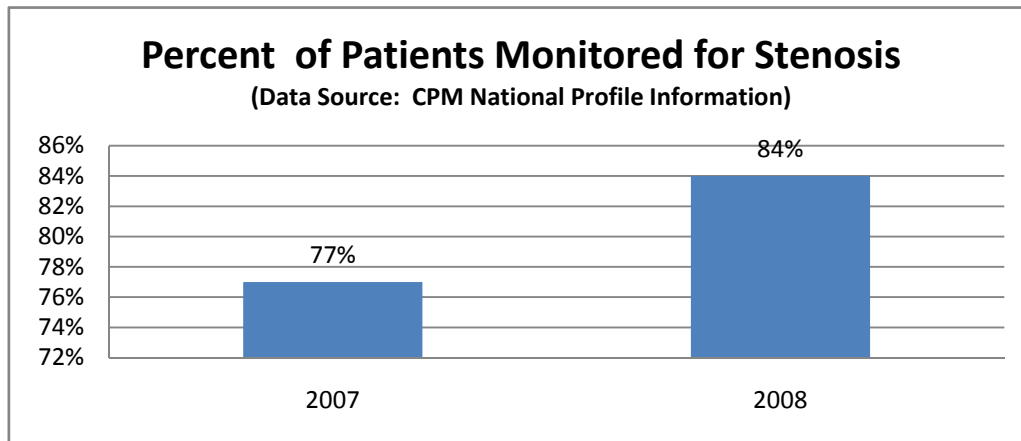
RESULTS/CONCLUSIONS:

Information was received back to the Network office and analyzed. If the facility answered “No” or “Unknown” to the question they were sent a fax asking them to verify and/or re-evaluate their answer. The results are as follows:

- The Random Sample included 696 Network 6 Hemodialysis Patients
- Of the 696 patients, the Stenosis Monitoring question was originally answered “No” for 58 (8.3%) patients and “Unknown” for 55 (7.9%) patients.
- After the fax for verification, 26 (44.8%) of the “No” answers and 35 (63.6%) of the “Unknowns” answers were changed to “Yes” and the method was given.



According to the 2008 Clinical Performance Measures Project Network 6 profile, the percentage of patients that were monitored for stenosis increased from 77% in 2007 to 84% in 2008.



The original sample data was completed at the facility by a variety of clinic staff inclusive of Administrative Assistants, Nursing Supervisors, Dietitians, and Social Workers. The re-faxed information was sent to the Nursing Supervisor for completion. In the past, your facility was ranked according to the information that you submitted to the Network office. If the staff person that completed this information did not have a clear understanding of the processes, your facility was possibly penalized. As of February, 2009 you are responsible for all data entry into CROWNWEB. As part of this process, make sure that EACH person responsible for data entry has a clear understanding of the processes that your facility utilizes. **REMEMBER: A facility may be placed under "Network Focused Review" based on YOUR reported data.**