



Making Data Count

Measuring Diabetes and Obesity in the Indian Health System

December 18-20, 2007

IHS Division of Diabetes Treatment and Prevention

Using Data to Measure the Effectiveness of Your Diabetes Self-Management System

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Session: D3

Evaluating the Effectiveness of Your DSME Program

Muscogee (Creek) Nation Health System

Data Management for DSME

Data from June 1, 2006 to May 31, 2007

Muscogee Language

- I say, "Hens Chay, Stongo"
(Hello, How are You?)
- You say, "Estowesiks, Genda"
(Well, and You)
- I say, "Estowesiks – MVTO"
(Well, Thank you)

Diabetes Program Muscogee (Creek) Nation Health System

- Central Coordinating Center at the Division of Administration located at Okmulgee
- Five Clinics, one of which has in-patient services. Okemah, Okmulgee, Eufaula, Sapulpa and Koweta
- Diabetes Program staff at each clinic: RN, RD, Exercise Programs Manager, Clerk

Using FileMaker Pro Database for MCN DSME Program – Educating Partners In Care (EPIC)

- Documents each session in PCC format
- Data for each session forwarded to subsequent PCC's as needed for later sessions
- Selected data forwarded and collated into required reports
- Handouts 1, 2, 3 and 4

How Well is Your DSME Program Attended?

- Partial Participation
 - Completion
 - Demographics (age and gender)
-
- Handouts #5 and 6

Are Learning Objectives Met?

- Changes in Knowledge
 - Changes in Healthy Behavior
 - Reduction of Health Risks
-
- Handouts #7, 8, 9, and 10

Managing and Tracking Complications

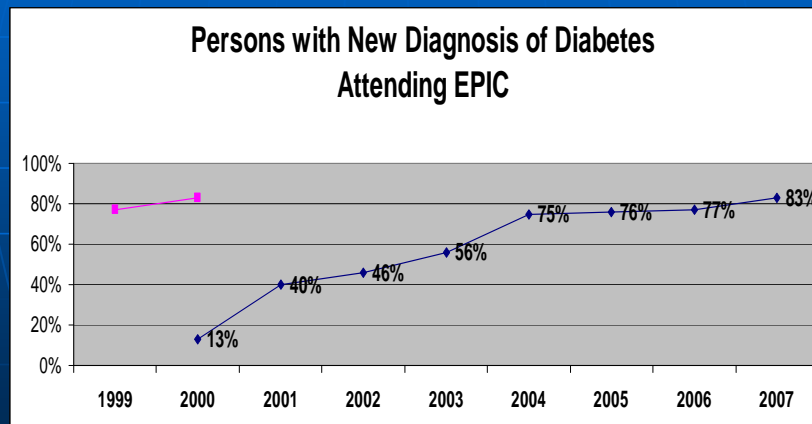
- Identify initial and annual stages of complication risks.
- Identify individuals and groups with higher levels of risks for recommended intervention.
- Identify individuals and groups for whom prevention activities/programs can be targeted.

Handouts #11 and 12

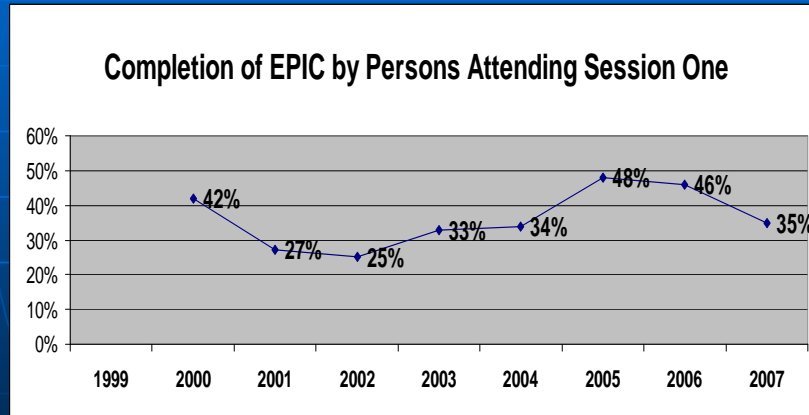
Are Stakeholders Informed of the Effectiveness of Your DSME?

- Providers
- Diabetes Care Advisory Committee
- Administration
- Community

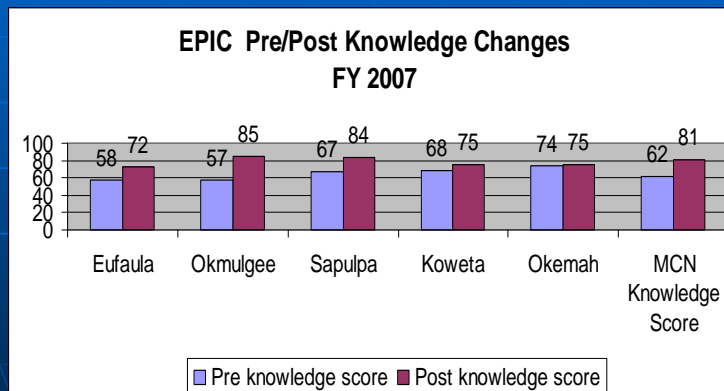
Most Persons with a New Diabetes Diagnosis Receive Diabetes Self-Management Education



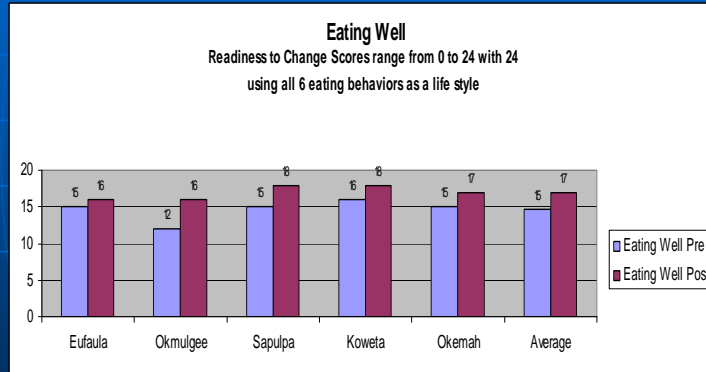
Completion of EPIC



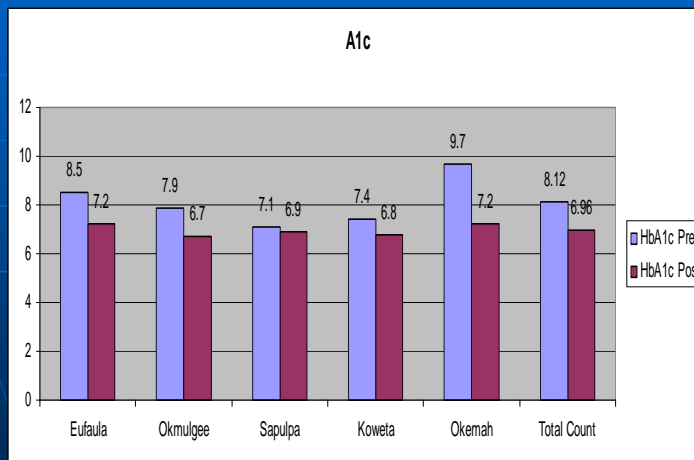
Diabetes Self-Management Education Makes a Difference by Increasing Knowledge



EPIC Participants Improve in Eating Well

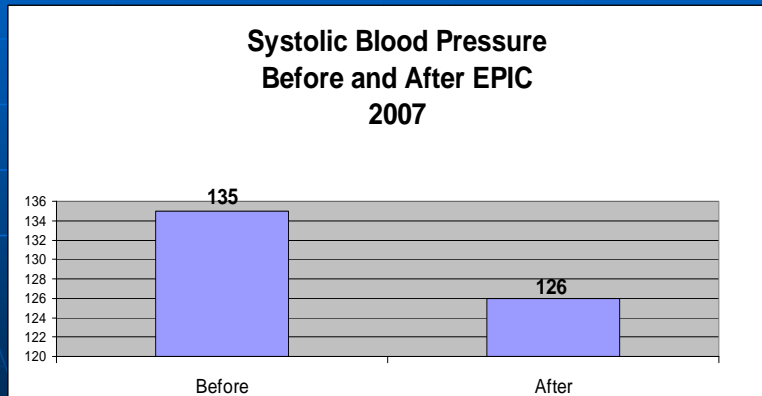


EPIC Participants Reduce Their Average Blood Sugar



Diabetes Education Helps to Improve Blood Pressure

Average change for 101 Graduates



Summary

Using data management to evaluate your DSME program:

- Helps to inform patients of their progress
- Helps to evaluate educational processes
- Helps to improve or redirect processes
- Helps communicate program effectiveness to team and other stakeholders
- Data management can be facilitated with well-designed electronic collection, collating and reporting of data

Muscogee Language

- I say, "MVTO, Che he ja thes"
(Thank you, See you later.)
- You say, "MVTO, Che he ja thes"
(Thank you, See you later.)