



Cardiovascular Disease Risk Factor Management Report TEMPLATE [Practice Name] July 2004

Background: Adherence to national guidelines to manage preventable risk factors for cardiovascular morbidity and mortality is low. In addition to patient characteristics and external factors which make obtaining treatment goals challenging, the guidelines are often complex and difficult to implement in busy practices. GLAD Heart is a randomized trial funded by the NHLBI to test new technologies designed to ease implementation of JNC7 and ATP III guidelines.

Methods: Data were abstracted from outpatient medical records from 61 participating primary care practices in central North Carolina. Screening and treatment rates were calculated from a random sample of patients aged 21- 85 years old without prior history of dyslipidemia who received lipid testing between 6-1-2001 through 9-30-2003.

Your Practice's Sample Demographics: We reviewed X charts at your practice, excluding y patients who were already on lipid therapy. For the remaining sample, mean age was Z; A% were female; and B% were white. {Statement of representativeness of their sample to whole?}

Measures:

1. Lipid Screening Rate. This is the proportion of patients 21-85 years old who received a lipid profile. Patients in this age group should be screened every five years, thus for the 2-year evaluation period, at least 40% of your patients should have been screened.

2. Treatment and Documentation Rates.

A. Overall Appropriate Lipid-lowering Drug Therapy Rate. Of patients 21-85 years old who received a lipid profile, this is the total proportion of patients who were prescribed lipid-lowering therapy when they needed it and not prescribed lipid-lowering therapy when they didn't need it (i.e., those with LDLs meeting the ATP III guidelines for drug therapy who were actually on therapy **plus** those with LDLs **not** meeting the ATP III guidelines for drug therapy who were **not** on therapy.)

B. Inappropriate Over Treatment Rate. Of patients 21-85 years old who received a lipid profile, this is the proportion of patients who were prescribed lipid-lowering therapy when they didn't need it.

C. TLC Documentation Rate. Of patients 21-85 years old who received a lipid profile and who met ATPIII criteria for a therapeutic lifestyle change recommendation, this is the proportion of patients who had a TLC recommendation documented in their chart.

D. Timely Follow-up Rate. Of patients 21-85 years old who received a lipid profile and who met ATPIII criteria for repeat lipid profile in 3 months, this is the proportion who actually did receive a repeat lipid profile no later than 4 months after their first lipid profile.

3. Cholesterol Control Rates

A. Drug and/or TLC Treatment Indicated Group. Of the limited number of patients in the random sample who were 21-85 years old, who received a lipid profile, who met ATPIII criteria for either drug therapy or therapeutic lifestyle change recommendation, and who had a repeat lipid profile within 4 months, this is the proportion of those patients whose second lipid profile indicated they were at their target cholesterol goal. This rate is not expected to be high, as the follow-up time frame is relatively short for cholesterol control.

B. Drug Treatment Indicated Group. Of the limited number of patients in the random sample who were 21-85 years old, who received a lipid profile, who met ATPIII criteria for drug therapy, and who had a repeat lipid profile within 4 months, this is the proportion of those patients whose second lipid profile indicated they were at their target cholesterol goal. This rate is not expected to be high, as the follow-up time frame is relatively short for cholesterol control.

4. Insufficient Lipid Treatment Rate. Of patients 21-85 years old who received a lipid profile, this is the proportion of patients who were **not** prescribed lipid-lowering therapy despite meeting the ATPIII criteria to initiate lipid-lowering therapy.

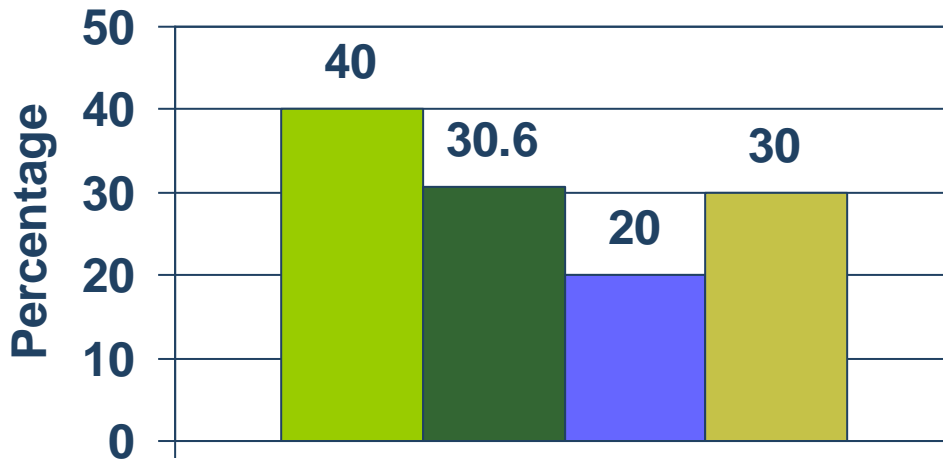
5. Hypertension Therapy Rate. Of patients 21-85 years old who received a lipid profile, this is the proportion of patients on blood pressure lowering therapy who had a positive hypertension history or had 2 qualifying blood pressure readings greater than or equal to 140/90 mmHg.

6. Hypertension Control Rate. Of patients 21-85 years old who received a lipid profile, this is the proportion of patients on blood pressure lowering therapy who had an average blood pressure reading on 2 readings that was below 140/90.

7. Undiagnosed Hypertension Rate. Of patients 21-85 years old who received a lipid profile, this is the proportion of patients who had a blood pressure reading indicating hypertension ($\geq 140/90$ mmHg), but who did not have hypertension documented in their medical chart.

Results Tables TEMPLATE

1. Lipid Screening Rate



- Guideline Suggested Rate**

- 80th Percentile**

- 50th Percentile**

- Your Practice**

Practice Performance Rate Compared to Benchmarks

2. Treatment and Documentation Rates

