

## **Tips for Interpreting the CDEMS Diabetes Summary Report**

*Note: It will be useful to have a report in front of you to fully appreciate the tips below.*

Determine the reporting period for the CDEMS report you wish to review. For example: 01/01/2005-10/31/2005 means the data in this report will be data entered for your clinic from the beginning of January to end of October. If you wanted to look at data entered for January only, you would run the report for 01/01/05 – 01/31/05 and so on.

The CDEMS diabetes summary report always calculates the percentages from the total registry. The total registry includes the patients with; 0 visits, 1-2 visits, 3-5 visits, and 6+ visits. Because CDEMS includes the number of patients with 0 visits in the total, this can distort the interpretation of various measures.

Suppose you want to calculate the percent of patients with BP checked during the reporting period. The formula for this calculation is: patients with BP checked divided by total patients in the registry minus patients with 0 visits. For example:

Total patients in the registry = 100                       $76/100-20 = 95\%$   
Patients with 0 visits = 20  
Patients with BP checked = 76

In this example, if the 20 patients with 0 visits had not been accounted for, the percentage then would have been  $76/100= 76\%$ . Interpreting the data without consideration for the number with 0 visits would have significantly distorted the results of your efforts.

The above formula applies to the following measures:

BM I  
Blood Pressure  
HbA1c  
Micro/albumin  
Creatinine  
Liver Function Test  
Lipid profile  
24-hour protein