



AIM:

The aim of the San Joaquin County Hospitals Diabetes Special Interest Group (SJCH-DSIG) is to develop and disseminate clinical guidelines and best practices on the management of inpatient hyperglycemia in San Joaquin County.

The hope is that SJCH-DSIG would be a consortium of allied health professionals and physicians from each hospital in the county. The group would meet on a frequent basis to formulate a plan to enhance the care of hospitalized patients with hyperglycemia.

RATIONALE:

The percentage of adults with diabetes in San Joaquin County has consistently been higher than that of California.

The following data has been reproduced from "Healthier San Joaquin County Community Assessment 2011" - In 2007, the percentage of adults with diabetes was 9% in San Joaquin County and 8% in California. Both were higher than the Healthy People 2010 Objective of 2.5%.

The percentage of adult telephone survey respondents with diabetes rose from 11% in 2004 to 16% in 2010. Of these individuals, the highest percentage (24%) of respondents were first diagnosed between the ages of 51 and 60. Between 2004 and 2010, the percentage of respondents receiving diabetes treatment also increased from 79% to 84%; however, a smaller percentage received a management plan from their doctor in 2010 (80%) than in 2004 (97%).

In terms of mortality, San Joaquin County has the 3rd highest diabetes-related mortality rate and the 4th highest mortality rate attributed to coronary heart disease according to 2011 data from the California Department of Public Health.

As the importance of glucose control in the hospital setting has become increasingly recognized, hospitals in San Joaquin County must find ways of applying results of clinical trials to "real world" hospital environments.

The SJCH-DSIG aims to decrease the extent of variability in diabetes management that contribute to a higher diabetes related mortality in San Joaquin County Hospitals.