

SAINT FRANCIS HEALTH SYSTEM LABORATORY UPDATE

DATE: December 9, 2008

TO: Medical Staff

FROM: Michel S. Medawar, MD, Pathologist
Jay Hupp, MT(ASCP)SC, Laboratory Technical Services Manager

SUBJECT: Estimated Average Glucose (eAG)

Based on the results of the A1C-Derived Daily Glucose (ADAG) study, the American Diabetes Association is recommending the use of a new term in diabetes management, estimated average glucose, or eAG. As a result of this recommendation, the table currently being reported with all Glycohemoglobin results will be changed to reflect both the change in nomenclature and updated average glucose values.

<u>A1C%</u>	<u>Current Average Plasma Glucose (mg/dL)</u>	<u>New Estimated Average Glucose (mg/dL)</u>
6	135	126
6.5		140
7	170	154
7.5		169
8	205	183
8.5		197
9	240	212
9.5		226
10	275	240

Additional information including the calculation can be found on the ADA's website, <http://professional.diabetes.org/glucosecalculator.aspx>.

Questions regarding this new reporting change should be directed to Dr. Michel S. Medawar or Jay Hupp at 494-1300.