

FACTORS KNOWN TO ALTER A1C



Hematological Conditions

- Anemia
- Accelerated RBC turnover
- Thalassemia
- Sickle cell disease
- Reticulocytosis
- Hemolysis



Medical Therapies

- Blood transfusion
- Hemodialysis
- Mechanical heart valve



Drugs/Medications

- Alcohol
- Opioids
- Vitamin C
- Vitamin E
- Aspirin
- Erythropoietin
- Dapsone
- Ribavirin



Physiological States

- Aging
- Pregnancy



Other Disease States

- HIV infection
- Uremia
- Hyperbilirubinemia
- Dyslipidemia
- Cirrhosis
- Hypothyroidism
- Valvular disease



Miscellaneous

- Glycation rate
- Protein turnover
- Race/ethnicity
- Assay variability
- Glycemic variability
- Smoking

... and many more