



INTRODUCTION

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The normal range of Hb A_{1c} is 4.7 - 8.8% and for serum fructosamine is 0.98- 1.88 mmol/l. HbA_{1c} decayed with a half life of 28.7 days and fructosamine decayed with a half life of 16.5 days. (*Allgrove and Cockrill,1988*).

Sridama et al.,(1990) reported that HbA_{1c} and fructosamine had an acceptable sensitivity and specificity in assessment of diabetic control, although fructosamine was slightly less sensitive than HbA_{1c}.

Glycosylated hemoglobin is of value in the long-term glycemic control while serum fructosamine is of value in assessment of intermediate - term glycemic control (*Jermendy et al., 1988*).

Coronel et al., (1990) reported that serum fructosamine and HbA_{1c} seemed to be useful parameters in glycemic status of diabetics on dialysis and the uremia per se did not influence serum fructosamine and HbA_{1c} levels.