

Table 1) Absolute and relative frequency of gender, degree of edema and time of sampling of edematous diabetic patients in the stroke intensive care unit (103 persons)

Variables	Number	Percentage
Gender		
Male	49	47.6
Female	54	52.4
Degree of Edema		
Degree 1	40	38.8
Degree 2	22	21.4
Degree 3	21	20.4
Degree 4	20	19.4
Time of Sampling		
8 Hours after Fasting	54	52.4
2 Hours after Fasting	49	47.6

Table 2) Comparison of the mean level of glucose of the capillary first drop, the next drop and standard venous samples (103 persons)

Sample Type	Glucose Level (mg/dl)	Lowest	Highest
capillary First Drop	179.50±72.65	78	385
Capillary Second drop	177.50±69.10	70	524
Standard Venous	157.00±66.40	65	375

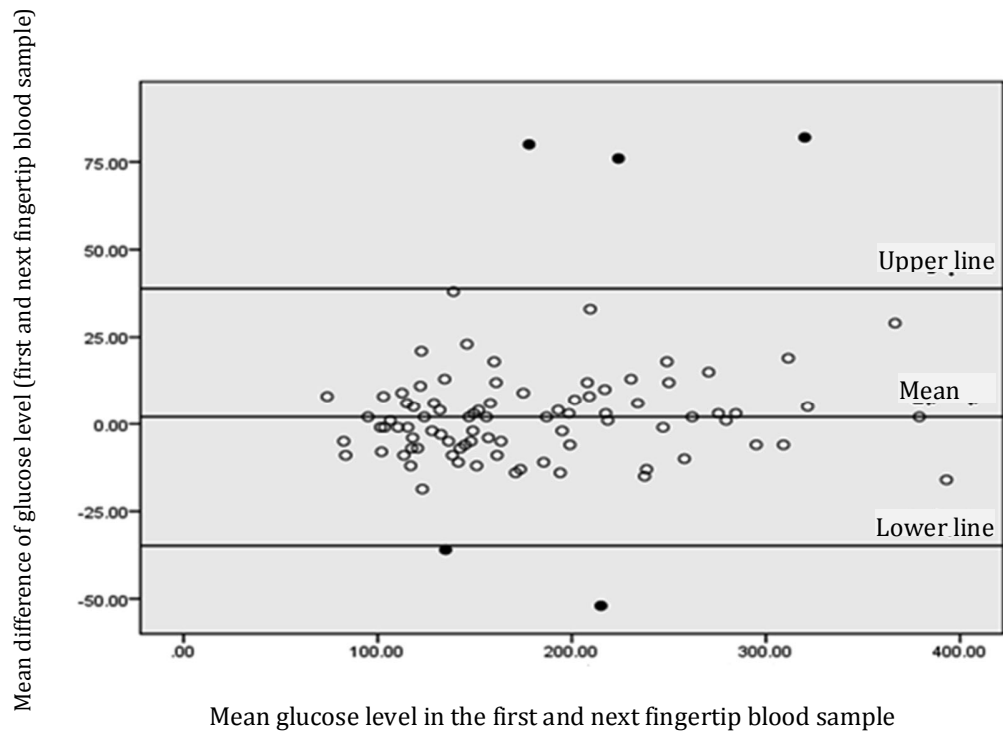
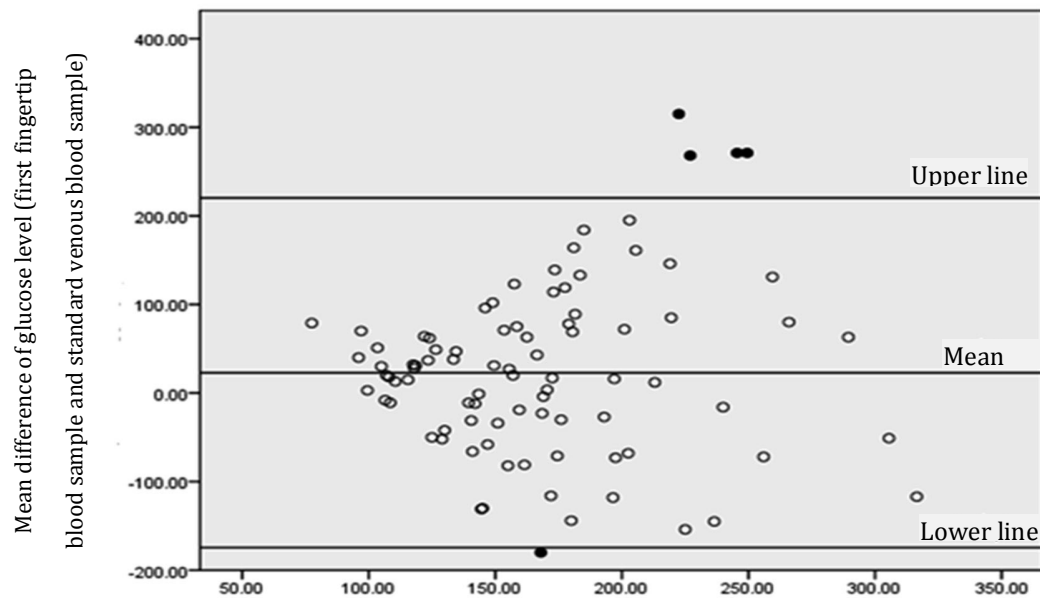
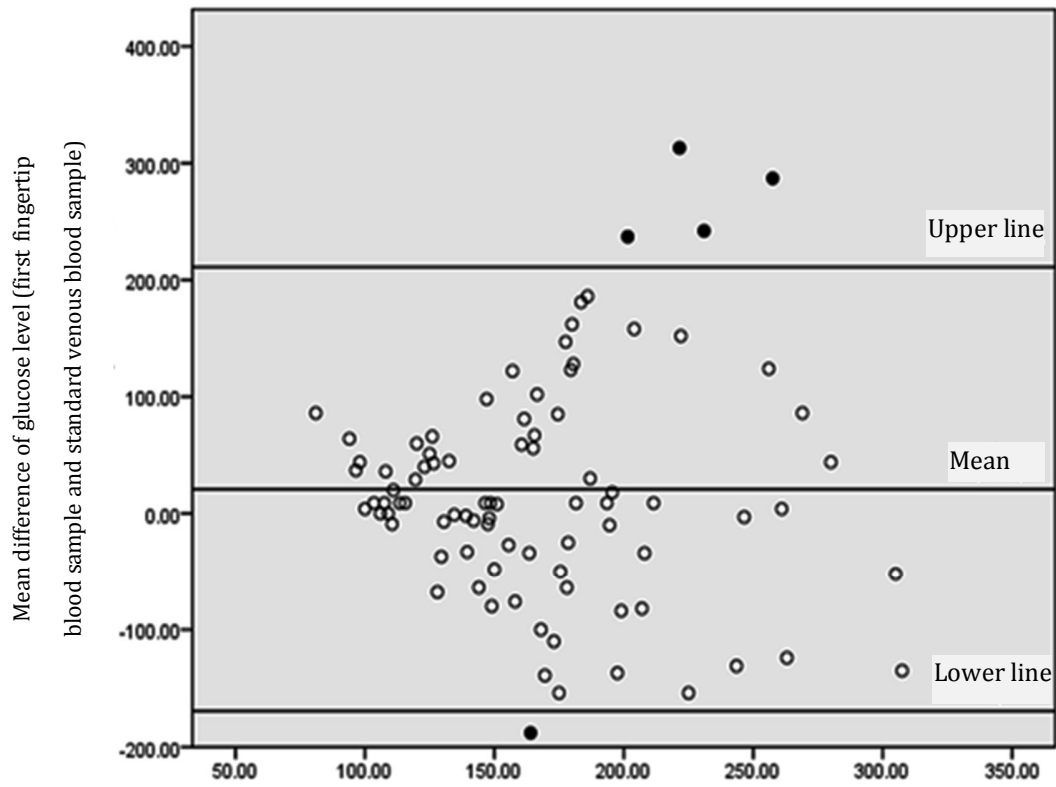


Figure 1) Bland-Altman Plot. Difference between glucose level in the first and second blood sample of fingertip in edematous diabetic patients in the stroke intensive care unit (n=103)



Mean glucose level in the first fingertip blood sample and standard venous sample

Figure 2) Altman-Bland Plot. The mean difference between glucose in the first fingertip drop of the blood and standard venous blood sample of edematous diabetic patients in stroke intensive care unit (103 persons)



Mean glucose level in the first fingertip blood sample and standard venous sample

Figure 3) Altman-Bland Plot. The mean difference between glucose in the next fingertip drop of the blood (after the first drop) and standard venous blood sample of edematous diabetic patients in stroke intensive care unit (103 persons)