



Figure 6: Effect of WBC on measurement of Hb by SLS-Hb method and HiCN method

Table 4: Mean \pm SD of Hb (g/l) by SLS-Hb method and HiCN method on lipaemic samples pre and post correction

Samples	SLS – method (g/l)		HiCN method (g/l)	
	Direct	Corrected	Direct	Corrected
1	139	131	133	133
2	74	71	75	71
3	88	80	89	82
4	72	70	75	74
5	99	94	99	94
6	110	90	113	97
7	75	73	78	79
8	140	136	148	139
9	96	90	98	92
10	103	101	105	102
11	144	140	147	143
12	65	63	68	65
13	102	100	105	102
14	99	91	100	93
15	120	115	124	117
Mean \pm SD	101.73 \pm 25.35	96.26 \pm 24.62	103.8 \pm 25.44	98.86 \pm 24.49

Note; t-test for direct (SLS method) Vs direct (HiCN) = -2.77, p= 0.015 (significant)
T-test for direct Vs corrected = for (SLS) method t-test= -4.591, p=0.0001;
for (HiCN) method t-test= 4.606, p= 0.0001