1-Table shows significant increase in chronic diabetic vascular complications among diabetic patients versus non diabetics (p<0.0001) and also significant increase in complications with poor glycemic control versus good glycemic control (p=0.01).

Complications	**Controlled DM**	**Uncontrolled DM**	**Controls**
No	**15 (30.00%)**	**5 (10.00%)**	**50 (100%)**
Yes	**35 (70.00%)**	**45 (90.00%)**	**0**
P<0.0001, P1=0.01, P2<0.001, P3<0.001			

2-Tableshows significant increase in MPV among diabetic patients versus non diabetics (p<0.0001) and also significant increase in MPV with poor glycemic control versus good glycemic control (p<0.0001).

MPV(fl)	**Controlled DM**	**Uncontrolled DM**	**Controls**
Mean ± SD	12.62±1.38	14.08±1.16	9.04±1.35
Median (range)	12.5 (10-15)	14 (12-16)	9 (7-11)
P<0.0001, P1<0.0001, P2<0.0001, P3<0.0001			

3-Tableshows significant increase in incidence of chronic vascular complications related to DM with increase in MPV (p=0.0002).

MPV(fl)	**Complication**	**No complications**	**P value**
Mean ± SD	**13.58±1.36**	**12.13±1.41**	**0.0002**
Median (range)	**14 (11-16)**	**12 (10-15)**	

4-Tableshows significant relationship between MPV and type of treatment of DM (p=0.0071) as mean MPV with insulin therapy significantly lower than OHG therapy, also shows significant relationship between MPV and HTN (p=0.002) as mean significantly increased MPV with presence of HTN.Also shows MPV with males higher than females but not significant (p=0.57).Also shows MPV with smokers higher than non-smokers but not significant (p=0.53).

Variable	Mean MPV (fl) ± SD	P value
Gender Females	**13.27±1.48**	**0.57**
Males	**13.43±1.46**	
Treatment Insulin	**12.29±1.50**	**0.0071**
OHG	**13.40±1.45**	
HypertensionNo	**12.94±1.39**	**0.002**
Yes	**13.83±1.42**	
Smoking No	**13.29±1.43**	**0.53**
Yes	**13.5±1.58**	

5-Tableshows significant increase in MPV with aging (p=0.04), no significant increase inMPV with prolongation of duration of DM (p=0.13), significant increase in MPV with increased FBG & HbA1c as mean poor glycemic control (p<0.0001).

Variable	Correlation co-efficient (r)	P value
Age/years	**0.20**	**0.04**
Duration of DM	**0.15**	**0.13**
FBG	**0.55**	**<0.0001**

HBA1c	**0.63**	**<0.0001**

NB. P compared the 3 groups, p1 compared controlled DM with uncontrolled DM, p2 compared controlled DM with controls, p3 compared uncontrolled DM with controls.