

Table (1) Relation between residence and personal characteristics:

Variable	Rural N=239	Urban N=261	P value
Age/year			
Mean \pm SD	52.7 \pm 12.4	53.0 \pm 9.4	0.80
Median (range)	54 (18-80)	53 (29-78)	
Gender			
Females	131 (54.8%)	148 (56.7%)	0.67
Males	108 (45.2%)	113 (43.3%)	
Smoking			
Non-smoker	167 (69.9%)	185 (70.9%)	0.81
Smoker	72 (30.1%)	76 (29.1%)	
BMI			
Mean \pm SD	31.0 \pm 5.5	32.3 \pm 5.5	0.01
Median (range)	31 (18-46)	32 (17-47.8)	
BMI Group			
Underweight	2 (0.8%)	4 (1.5%)	0.004
Normal	34 (14.3%)	10 (3.8%)	
Overweight	50 (20.9%)	58 (22.2%)	
Obesity class I	95 (39.8%)	115 (44.1%)	
Obesity class II	40 (16.7%)	49 (18.8%)	
Obesity class III	18 (7.5%)	25 (9.6%)	
Waist circumference in Females			
Mean \pm SD	113.6 \pm 14.2	118.0 \pm 17.3	0.003
Median (range)	116 (77-154)	111 (71-154)	
Waist circumference in Males			
Mean \pm SD	102.4 \pm 15.7	108.4 \pm 16.1	0.29
Median (range)	114 (71-150)	112 (73-152)	

SD: Standard deviation, BMI: Body mass index.

Table (2) Relation between residence and clinical features:

Variable	Rural N=239	Urban N=261	P value
Types of DM			
Type I	12 (5.0%)	5 (1.9%)	0.06
Type II	227 (95.0%)	256 (98.0%)	
Duration of DM/years			
Mean ± SD	5.6±5.0	5.8±4.2	0.09
Median (range)	4 (0.5-30)	5 (0.5-25)	
Type of treatment			
Oral	184 (77.0%)	204 (78.2%)	0.13
Insulin	55 (23.0%)	53 (20.3%)	
Oral & insulin	0	4 (1.5%)	
Family history of DM			
No	43 (18.0%)	15 (5.8%)	<0.0001
Yes	196 (82.0%)	246 (94.2%)	
Hypertension			
No hypertension	95 (39.8%)	126 (48.3%)	0.054
Controlled	49 (20.4%)	35 (13.4%)	
uncontrolled	95 (39.8%)	100 (38.3%)	
Duration of hypertension / years			
Mean ± SD	4.3±2.8	3.7±2.2	0.07
Median (range)	4 (0-20)	3 (0-12)	

SD: Standard deviation, DM: Diabetes Mellitus.

Table (3) Relation between residence and Lab investigation:

Variable	Rural N=239	Urban N=261	P value
HBA1c Mean \pm SD Median (range)	9 \pm 2.1 8.7 (5.1-14)	8.9 \pm 2.2 8.7 (5-15)	0.58
Diabetic control Controlled Uncontrolled	47 (19.7%) 192 (80.3%)	60 (23.0%) 201 (77.0%)	0.37
Cholesterol Mean \pm SD Median (range)	194.6 \pm 34.7 189 (125-289)	186.8 \pm 46.2 202 (89-420)	0.03
Triglyceride Mean \pm SD Median (range)	218.6 \pm 75.7 200 (70-380)	218.0 \pm 103.3 213 (60-790)	0.38
HDL Mean \pm SD Median (range)	41.6 \pm 6.1 42 (31-58)	43.1 \pm 10.8 41 (23-112)	0.054
LDL Mean \pm SD Median (range)	109.7 \pm 27.4 107 (42-192)	115.4 \pm 34.5 112 (32-248)	0.01

SD: Standard deviation, **HBA_{1c}:** Hemoglobin A_{1c}, **HDL:** High density lipoprotein, **LDL:** Low density lipoprotein

Table (4) Relation between residence and prevalence of hypertension and cardiac abnormalities

Variable	Rural N=239	Urban N=261	P value
Hypertension	144 (60.3%)	135 (51.7%)	0.06
IHD	31 (13.0%)	52 (19.9%)	0.04
HFrEF	10 (4.2%)	18 (6.9%)	0.19
HFpEF	5 (2.1%)	8 (3.1%)	0.50
Diastolic dysfunction	79 (33.1%)	120 (46.0%)	0.003
LVH (left ventricular hypertrophy)	79 (33.1%)	100 (38.3%)	0.22
History of Stroke	19 (8.0%)	21 (8.1%)	0.97
History of PAD	25 (10.5%)	23 (8.8%)	0.53

IHD: Ischemic heart disease, **HF:** Heart failure, **EF:** Ejection fraction, **LVH:** left ventricular hypertrophy, **PAD:** Peripheral arterial disease. **HFrEF:** Heart failure with reduced EF. **HFpEF:** Heart failure with preserved EF