

<b>Variable</b>	<b>Females N=279</b>	<b>Males N=221</b>	<b>P value</b>
<b>Age/year</b> Mean $\pm$ SD Median (range)	52.2 $\pm$ 11.2 53 (18-78)	53.7 $\pm$ 10.5 55 (21-80)	0.13
<b>Residence</b> Rural Urban	131 (47.0%) 148 (53.0%)	108 (48.9%) 113 (51.1%)	0.67
<b>Smoking</b> Non-smoker Smoker	276 (98.9%) 3 (1.07%)	86 (38.9%) 135 (61.1%)	<0.0001
<b>BMI</b> Mean $\pm$ SD Median (range)	32.7 $\pm$ 5.7 32 (19.2-47.8)	30.4 $\pm$ 5.1 31 (17-43)	<0.0001
<b>BMI Group</b> Underweight Normal Overweight Obesity class I Obesity class II Obesity class III	0 26 (9.3%) 46 (16.5%) 118 (42.3%) 55 (19.7%) 34 (12.2%)	6 (2.7%) 18 (8.1%) 62 (28.1%) 92 (41.6%) 34 (15.4%) 9 (4.1%)	<0.0001

**Table (1): Relation between gender and personal characteristics:**

<b>Variable</b>	<b>Females N=279</b>	<b>Males N=221</b>	<b>P value</b>
<b>Types of DM</b>			
Type I	9 (2.2%)	8 (3.62%)	0.81
Type II	270 (96.8%)	213 (96.4%)	
<b>Duration of DM/years</b>			
Mean $\pm$ SD	5.7 $\pm$ 4.1	5.7 $\pm$ 5.2	0.19
Median (range)	5 (0.5-20)	4 (0.5-30)	
<b>Type of treatment</b>			
Oral	210 (75.3%)	178 (80.5%)	0.11
Insulin	65 (23.3%)	43 (19.4%)	
Oral & insulin	4 (1.4%)	0	
<b>Family history of DM</b>			
No	23 (8.2%)	35 (15.8%)	0.008
Yes	256 (91.8%)	186 (84.2%)	
<b>Hypertension</b>			
No hypertension	135 (48.4%)	86 (38.9%)	0.004
Controlled	53 (19.0%)	31 (14.0%)	
uncontrolled	91 (32.6%)	104 (47.1%)	
<b>Duration of hypertension / years</b>			
Mean $\pm$ SD	3.8 $\pm$ 2.3	4.3 $\pm$ 2.8	0.08
Median (range)	3 (0-12)	4 (0-20)	

**Table (2): Relation between gender and clinical features:**

<b>Variable</b>	<b>Females N=279</b>	<b>Males N=221</b>	<b>P value</b>
<b>HBA1c</b> Mean $\pm$ SD Median (range)	9.0 $\pm$ 2.2 8.9 (5-14)	8.8 $\pm$ 2.0 8.4 (5.7-15)	0.29
<b>Diabetic control</b> Controlled Uncontrolled	63 (22.6%) 216 (77.4%)	44 (19.9%) 177 (80.1%)	0.47
<b>Cholesterol</b> Mean $\pm$ SD Median (range)	190.5 $\pm$ 45.5 190 (89-420)	190.5 $\pm$ 35.2 189 (117-275)	0.99
<b>Triglyceride</b> Mean $\pm$ SD Median (range)	216.5 $\pm$ 35.5 200 (73-455)	220.6 $\pm$ 39.8 215 (79-550)	0.80
<b>HDL</b> Mean $\pm$ SD Median (range)	42.8 $\pm$ 10.2 42 (23-58)	41.9 $\pm$ 6.8 41 (30-58)	0.25
<b>LDL</b> Mean $\pm$ SD Median (range)	112.7 $\pm$ 24.0 109 (32-184)	112.6 $\pm$ 27.8 111 (36-182)	0.48

**Table (3): Relation between gender and Lab investigation:**

<b>Variable</b>	<b>Females N=279</b>	<b>Males N=221</b>	<b>P value</b>
<b>Hypertension</b>	144 (51.6%)	135 (61.1%)	0.03
<b>IHD</b>	41 (14.7%)	42 (19.0%)	0.20
<b>HFrEF</b>	10 (3.6%)	18 (8.1%)	0.03
<b>HFpEF</b>	6 (2.2%)	7 (3.2%)	0.48
<b>Diastolic dysfunction</b>	94 (33.7%)	105 (47.5%)	0.002
<b>LVH (left ventricular hypertrophy)</b>	104 (37.3%)	75 (33.9%)	0.44
<b>History of Stroke</b>	20 (7.2%)	20 (9.1%)	0.44
<b>History of PAD</b>	31 (11.1%)	17 (7.7%)	0.20

**Table (4): Relation between gender and prevalence of hypertension and cardiac abnormalities:**