**Title: Prevalence of *Helicobacter pylori* Infection in Patients with Type 2 Diabetes Mellitus in Hyderabad, Pakistan**

**Supplementary Data**

**Table S1 Demographic characteristics of T2DM and Non-DM groups.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | T2DM % (N73) | Non-DM % (N73) | *p*-value |
| Gender |
| Male | 45.2% (33) | 49.3 (36) | 0.619 |
| Female | 54.8 (40) | 50.1 (37) |  |
| Age (years) |
| 21-30 | 8.2% (6) | 35.6% (26) | 0.0001 |
| 31-40 | 27.4% (20) | 27.4% (20) |  |
| 41-50 | 64.4% (47) | 37% (27) |  |
| Residence  |  |  |  |
| Hyderabad | 82.2% (60) | 67.1% (49) | 0.0364 |
| Adjoining Areas | 17.8% (13) | 32.9% (24) |  |

**Table S2. Height, weight, body mass index, waist circumference, and obesity in T2DM and Non-DM groups.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | T2DM (Mean ± SD) | Non-DM (Mean ± SD) | *P*-value |
| Height | 1.56 ± 0.11 | 1.67 ± 0.08 | 0.96 |
| Weight | 71.7 ± 12.2 | 65.7 ± 10.04 |
| Body mass index  | 29.6 ± 5 | 23.2 ± 3.6 |
| Waist circumference | 1.02 ± 0.14 | 0.85 ± 0.08 m |
| **Variable** | **T2DM (%)** | **Non-DM (%)** |  |
| Underweight | 0 | 0 | ˂0.001 |
| Normal weight | 19.2 | 68.5 |
| Overweight | 37 | 31.5 |
| Obese | 43.8 | 0 |
| **Variable** | ***H. pylori* +ve** | ***H. pylori* -ve**  |  |
| BMI of T2DM | 28.4 ± 5.1 kg/m2 | 30.1 ± 4.9 kg/m2 | 0.94 |
| BMI of Non-DM | 22.8 ± 4 kg/m2 | 23.5 ± 3.3 kg/m2 |

**Table S3. Physical activity and lifestyle of T2DM patients. participants.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| T2DM | % (N) |  | % (N) | *p*-value |
| H pylori +ve | **H pylori -ve** |  |
| Sedentary  | 44.8% (13) | Sedentary  | 36.4% (16) | 0.9 |
| Active | 31% (9) | Active | 34.1% (15) |
| Somewhat active | 6.9% (2) | Somewhat active | 9.1% (4) |
| Low active | 17.2% (5) | Low active | 20.5% (9) |
| Non-DM |
| H pylori +ve | **H pylori -ve** |  |
| Sedentary  | 36.4% (12) | Sedentary  | 47.5% (19) | 0.6 |
| Active | 6.1% (2) | Active | 7.5% (3) |
| Somewhat active | 45.5% (15) | Somewhat active | 30% (12) |
| Low active | 12.1% (4) | Low active | 15% (6) |