**Additional file 1**

**Figure S1.** General Pharmaceutical Care Plan

E:\UCP\PU\2018\Papers\Zaida\Paper\Revised from Zaida\Figure 2.tif

**Figure S2. Categorization of participants in intervention arm based on follow ups**

**E:\UCP\PU\2019\Papers in qu\Zaida\FigS2.tif**

**Table S1: Patients Overall and Gender wise distribution of Baseline Demographics and Clinical Characteristics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Demographics of the Participants**  **[*n* (**%**)]** | | | | |
| **Parameters** | **Study Participants, *n*=244** | **Male, *n*=82** (33.6%) | **Female, *n*=162** (66.4%) | ***p*-values** |
| ***Marital Status***  Unmarried  Married  Widow | 10 (4.1)  216 (88.5)  18 (7.4) | 2 (2.4)  78 (95.1)  2 (2.4) | 8 (4.9)  138 (85.2)  16 (9.9) | 0.445 |
| ***Hypertension***  Yes  No | 189 (77.5)  55 (22.5) | 65 (34.4)  17 (30.9) | 124 (65.6)  38 (69.1) | 0.992 |
| ***Hepatosteatosis***  Yes  No | 144 (59)  100 (41) | 43 (29.8)  39 (39) | 101 (70.1)  61 (61) | 0.954 |
| ***Family History of Diabetes***  Yes  No | 176 (72.1)  68 (27.9) | 59 (33.5)  23 (33.8) | 117 (66.5)  45 (66.2) | 0.999 |
| ***Family History of Hypertension***  Yes  No | 146 (59.8)  98 (40.2) | 48 (32.9)  34 (34.7) | 98 (67.1)  64 (65.3) | 0.999 |
| **Overall Gender Wise Baseline Clinical Characteristics**  **[Mean ± SD]** | | | | |
| **Parameters** | **Study Participants, *n*=244** | **Male, *n*=82** | **Female, *n*=162** | ***p*-values** |
| ***Age (Yrs)*** | 50.4 **±** 9.2 | 49.5 **±** 9.3 | 50.8 **±** 9.2 | 0.30 |
| ***Duration of DM (Yrs)*** | 6.8 **±** 5.4 | 5.9 **±** 5.1 | 7.3 **±** 5.5.4 | 0.06 |
| ***Haemoglobin (mg/dL)*** | 13.2 **±** 1.1 | 14.2 **±** 1.1 | 12.7 **±** 0.6 | 0.0001\*\* |
| ***Waist (cm)*** | 109.4 **±** 16.5 | 106.2 **±** 14.4 | 110.9 **±** 17.3 | 0.024\* |
| ***BMI (Kg/m2)*** | 30.7 **±** 5.7 | 29.3 **±** 4.4 | 31.3 **±** 6.2 | 0.004\* |
| ***Systolic BP (mmHg)*** | 138.9 **±** 19.3 | 138.4 **±** 15.2 | 139.3 **±** 21.1 | 0.75 |
| ***Diastolic BP (mmHg)*** | 89.7 **±** 11.3 | 89.7 **±** 8.8 | 89.7 **±** 12.5 | 0.99 |
| ***eABG (mg/dL)*** | 264.7 **±** 50.1 | 267.8 **±** 48.5 | 263.1 **±** 50.9 | 0.49 |
| ***HbA1c*** | 10.8 ± 1.7 | 10.9 **±** 1.7 | 10.8 **±** 1.8 | 0.49 |
| ***Cholesterol (mg/dL)*** | 226.7 **±** 53.6 | 238.3 **±** 61.3 | 220.7 **±** 48.4 | 0.026\* |
| ***Triglycerides(mg/dL)*** | 231.8 ± 105.3 | 234.7 **±** 105.1 | 230.4 **±** 5.7 | 0.76 |
| ***HDL-C (mg/dL)*** | 48.3 **±** 15.6 | 47.9 **±** 15.1 | 48.4 **±** 15.9 | 0.82 |
| ***LDL-C (mg/dL)*** | 132 **±** 50.9 | 143.39 **±** 58.4 | 126.2 **±** 45.9 | 0.013\* |
| ***VLDL-C (mg/dL)*** | 46.4 **±** 21.1 | 46.9 **±** 21.1 | 46.1 **±** 21.1 | 0.76 |
| ***Serum Creatinine (mg/dL)*** | 1 **±** 0.3 | 1.1 **±** 0.4 | 1.02 **±** 0.3 | 0.036\* |
| ***Abbreviation: SD;*** *Standard Deviation,* ***DM;*** *Diabetes Mellitus,* ***BMI;*** *Body Mass Index,* ***eABG;*** *Estimated Average Blood Glucose;* ***HbA1c;*** *Glycated Haemoglobin,* ***HDL-C;*** *High Density Lipid-Cholesterol,* ***LDL-C;*** *Low Density Lipid-Cholesterol,* ***VLDL-C;*** *Very Low Density Lipid-Cholesterol,* ***M;*** *male,* ***F;*** *female*  ***p-values;*** *\*p < 0.05 – 0.002, \*\* p < 0.001 – 0.0001* | | | | |

**Table S2.** Percentage of Patients in HbA1c Reduction Quartiles

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **HbA1c Reduction Quartiles** | **Control Arm, n (%)** | | | **Intervention Arm, n (%)** | | |
| **Follow Ups** | | | **Follow Ups** | | |
| From Baseline to follow ups | **1st (***n*=121**)** | **2nd (***n*=121**)** | **3rd (***n*=52**)** | **1st (***n*=123**)** | **2nd (***n*=105**)** | **3rd (***n*=82**)** |
| **< 1 %** | 38 (58.5) | 45 (53.6) | 17 (45.9) | 42 (34.4) | 16 (15.2) | 2 (2.4) |
| **1 – 1.9 %** | 21 (32.3) | 28 (33.3) | 18 (48.6) | 49 (40.2) | 22 (21) | 35 (42.2) |
| **2 – 2.9 %** | 4 (6.2) | 8 (9.5) | 1 (2.7) | 21 (17.2) | 32 (30.5) | - |
| **3 – 3.9 %** | 2 (3.1) | 2 (2.4) | 1 (2.7) | 8 (6.6) | 20 (19) | 24 (28.9) |
| **4 – 4.9 %** | - | 1 (1.2) | - | 1 (0.8) | 8 (7.6) | 9 (10.8) |
| **5 – 5.9 %** | - | - | - | 1 (0.8) | 5 (4.8) | 10 (12) |
| **6 – 6.9 %** | - | - | - | - | 1 (1) | 3 (3.6) |
| **≥ 7 %** | - | - | - | - | 1 (1) |  |