| **Table (1): Clinical and echocardiographic characteristics** | | | | |
| --- | --- | --- | --- | --- |
| **Variable** | **GLS higher than -10 & less than -16, N = 171** | **GLS higher than -16, N = 151** | **GLS less than -10, N = 121** | **p-value2** |
| **Patient age** | 50.41±10.53 | 45.53±11.17 | 56.17±7.85 | **0.020** |
| **Sex** |  |  |  | **0.004** |
| female | 6 (35%) | 0 (0%) | 6 (50%) |  |
| male | 11 (65%) | 15 (100%) | 6 (50%) |  |
| **Hypertension** |  |  |  | 0.14 |
| No | 11 (65%) | 13 (87%) | 6 (50%) |  |
| Yes | 6 (35%) | 2 (13%) | 6 (50%) |  |
| **Diabetes Mellitus** |  |  |  | **<0.001** |
| No | 9 (53%) | 15 (100%) | 4 (33%) |  |
| Yes | 8 (47%) | 0 (0%) | 8 (67%) |  |
| **HbA1c** | 9.00 (1.00) | NA (NA) | 7.60 (1.52) | 0.10 |
| **History of smoking** |  |  |  | **<0.001** |
| Ex-smoker | 0 (0%) | 6 (40%) | 2 (17%) |  |
| No | 12 (71%) | 2 (13%) | 10 (83%) |  |
| Smoker | 5 (29%) | 7 (47%) | 0 (0%) |  |
| **Hemoglobin level** | 13.00 (2.00) | 14.00 (2.00) | 12.50 (2.00) | **0.044** |
| **Lipid Profile** |  |  |  | 0.25 |
| high | 7 (41%) | 10 (67%) | 8 (67%) |  |
| normal | 10 (59%) | 5 (33%) | 4 (33%) |  |
| **Systolic blood pressure** | 120.00 (30.00) | 120.00 (0.00) | 105.00 (40.00) | 0.17 |
| **Diastolic blood pressure** | 70.00 (20.00) | 70.00 (10.00) | 65.00 (20.00) | 0.35 |
| **Heart rate** | 70.00 (11.00) | 65.00 (5.00) | 71.50 (14.00) | **0.039** |
| **S.Troponin** | 1,000.00 (1,600.00) | 1,450.00 (896.00) | 878.00 (243.00) | 0.14 |
| **Electrocardiogram** |  |  |  |  |
| NSTEMI | 17 (100%) | 15 (100%) | 12 (100%) |  |
| **LVESV** | 44.00 (26.70) | 47.00 (29.50) | 63.50 (15.90) | 0.63 |
| **LVEDV** | 100.00 (50.03) | 112.00 (37.40) | 103.00 (18.00) | 0.62 |
| **LVEF** | 50.30 (7.06) | 57.00 (12.20) | 35.23 (17.63) | **<0.001** |
| **Follow up during in-hospital stay** |  |  |  | **<0.001** |
| developed symptoms of heart failure | 4 (24%) | 0 (0%) | 12 (100%) |  |
| discharged with good general condition | 13 (76%) | 15 (100%) | 0 (0%) |  |
| 1Mean±SD; n (%); Median (IQR) | | | | |
| 2Kruskal-Wallis rank sum test; Fisher's exact test; Pearson's Chi-squared test | | | | |