**Additional file 1.**

**Patient characteristics associated with Quality of life components.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Gender** | **Age** | **Dialysis vintage** |  **Diabetes** | **CV comorbidity** |
|  |  M |  F | ≤50 | >50 | ≤12 |  >12-≤36 |  >36 | Y |  N | Y | N |
| **N** | 41 | 41 | 16 |  66 |  20 |  37 | 25 | 18 | 64 | 36 | 46 |
| **Physical functioning** **P** | 52.5(31.3-75.0)0.45 | 45(25.0-75.0) | 77.5(52.5-85.0)0.003\* | 40.0(25.0-65.0) | 47.5(27.5-75.0) | 60.0(36.3-83.8)0.02\* | 35.0(17.5-50.0) | 37.5(23.8-76.3)0.39 | 50(30.0-75.0) | 45.0(31.3-68.8)0.82 | 50.0(25.0-80.0) |
| **Social functioning**  **P**  | **75.0****(62.5-93.8)****0.71** | **75.0****(56.3-87.5)** | **68.8****(53.1-84.4)****0.12** | **87.5****(62.5-100)** | **68.8****(40.6-87.5)** | **87.5****(68.8-100)****0.07** | **75.0****(56.3-87.5)** | **75.0****(50.0-87.5)****0.46** | **75.0****(62.5-96.9)** | **87.5****(75.0-100)****0.02\*** | **75.0****(50.0-87.5)** |
| **Physical role functioning**  **P** | **25.0****(00.0-100)****0.07** | **00.0****(00.0-62.5)** | **00.0****(00.0-62.5)****0.32** | **25.0****(00.0-100)** | **25.0****(00.0-68.8)** | **25.0****(00.0-100)****0.22** | **00.0****(00.0-37.5)** | **00.0****(00.0-62.5)****0.52** | **25.0****(00.0-75.0)** | **25.0****(00.0-100)****0.25** | **00.0****(00.0-75.0)** |
| **Emotional role functioning**  **P** | 100(33.3-100)0.78 | 100(33.3-100) | 100(33.3-100)0.64 | 100(33.3-100) | 100(58.3-100) | 100(58.3-100)0.01\* | 33.3(00.0-100) | 66.7(00.0-100)0.13 | 100(33.3-100) | 100(33.3-100)0.55 | 100(00.0-100) |
| **Mental health****P** | **80.0****(60.0-96.0)****0.59** | **80.0****(64.0-88.0)** | **68.0****(52.0-88.0)****0.11** | **82.0****(64.0-92.0)** | **76.0****(52.0-88.0)** | **80.0****(64.0-95.0)****0.56** | **80.0****(64.0-92.0)** | **80.0****(54.0-90.0)****0.48** | **80.0****(64.0-92.0)** | **84.0****(66.0-96.0)****0.17** | **76.0****(64.0-88.0)** |
| **Vitality** **P** | **55.0****(40.0-70.0)****0.20** | **45.0****(30.0-63.8)** | **45.0****(31.3-58.8)****0.08** | **55.0****(35.0-70.0)** | **45.0****(35.0-60.0)** | **55.0****(37.5-70.0)****0.51** | **55.0****(30.0-70.0)** | **50.0****(27.5-75.0)****0.98** | **55.0****(35.0-70.0)** | **50.0****(40.0-70.0)****0.91** | **55.0****(32.5-70.0)** |
| **Bodily Pain**  **P** | 87.8(51.0-100)0.37 | 67.3(44.9-100) | 67.3(53.5-94.9)0.59 | 87.8(44.9-100) | 67.3(44.9-100) | 89.8(62.2-100)0.14 | 67.3(39.8-100) | 44.9(34.2-100)0.04\* | 83.7(55.1-100) | 83.7(44.9-100)0.66 | 78.6(44.9-100) |
| **General Health** **P** | 45(25.0-56.3)0.75 | 42.5(25.0-58.8) | 37.5(16.3-50.0)0.13 | 45.0(28.8-60.0) | 40.0(25.0-60.0) | 45.0(35.0-62.5)0.39 | 42.5(18.8-55.0) | 42.5(20.0-55.0)0.63 | 45.0(25.0-60.0) | 40.0(25.0-56.3)0.52 | 45.0(25.0-58.8) |
| **Health change** **P** | 50(50.0-75.0)0.09 | 50(25.0-62.5) | 50.0(25.0-75.0)0.30 | 50.0(25.0-75.0) | 50.0(31.3-75.0) | 50.0(25.0-75.0)0.25 | 50.0(25.0-50.0) | 75.0(43.8-81.3)0.12 | 50.0(25.0-75.0) | 50.0(25.0-75.0)0.68 | 50.0(43.8-75.0) |
| **Physical Component Summary** **P** | 51.8(36.8-69.4)0.22 | 46.3(27.4-63.4) | 50.9(35.2-58.4)0.82 | 48.1(29.6-66.9) | 51.2(25.8-65.6) | 56.5(37.0-74.7)0.03\* | 39.9(28.1-50.6) | 34.9(23.6-60.0)0.12 | 50.6(36.2-66.3) | 47.8(34.1-65.6)0.89 | 49.9(31.5-67.2) |
| **Mental Component Summary** **P** | 72.3(52.8-86.1)0.58 | 68(54.5-80.4) | 70.9(46.8-76.8)0.22 | 72.3(54.1-86.4) | 71.3(51.0-77.0) | 78.3(61.1-87.6)0.16 | 67.5(39.8-79.1**)** | 65.8(45.7-81.4)0.46 | 72.5(57.6-84.4) | 76.4(56.9-87.1)0.20 | 67.0(52.2-81.1) |

**Continue variables are presented as Median (IQR), Abbreviations: \* =significant, CV = Cardiovascular**