S1\_Table. Evolution of quality of life according to the SF-36 domains atbaseline, 1 month, 6 months and 1year follow-up after the intervention.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Baseline** | **1 month** | **6 months** | **1 year** |
|  | **TAVR****n=113** | **SAVR****n=113** | **TAVR****n=106** | **SAVR****n=106** | **TAVR****n=103** | **SAVR****n=105** | **TAVR****n=98** | **SAVR****n=103** |
| **SF-36 GLOBAL** | 46.6(IQR 32-60)(SD 19.8)Median=48 | 57.8(IQR 45.4- 71.4)(SD 17.9)Median=59.2 | 62.4(IQR 45.3-81)(SD 23.3)Median=66.8 | 58.4(IQR 43.9-74.9)(SD 20.5)Median=61.1 | 66(IQR 53 -85)(SD 23.1)Median=71 | 76.4(IQR 68.4-88)(SD 16.1)Median=81.7 | 67.6(IQR 49-86.7)(SD 22.6)Median=74.5 | 79.4(IQR 72.8-91.1)(SD 16.6).Median=85.2 |
| *p* value | **<0.01** | 0.11 | **<0.01** | **<0.01** |
| **Physical Function** | 35.9(IQR 20-55)(SD 22.8)Median=35 | 57.5(IQR 40-75)(SD 23.9)Median=60 | 52.9(IQR 30-75)(SD 25.9)Median=55 | 53(IQR 35-75)(SD 26.6)Median=55 | 58.5(IQR 40-80)(SD 27.3)Median=60 | 72.8(IQR 65-90)(SD 20.8)Median=80 | 60.1(IQR 40-85)(SD 27.8)Median=60 | 77.7(IQR 65-95)(SD 19.2)Median=85 |
| *p* value | **<0.01** | 0.97 | **<0.01** | **<0.01** |
| **Physical Role** | 29.6(IQR 0-75)(SD 43.6)Median=0 | 32.6(IQR 0-75)(SD 43)Median=0 | 45.8(IQR 0-100)(SD 48)Median=25 | 19.1(IQR 0-25)(SD 36.3)Median=0 | 63.2(IQR 0-100)(SD 47)Median=100 | 62.1(IQR 0-100)(SD 46.1)Median=100 | 61(IQR 0-100)(SD 47.8)Median=100 | 65.5(IQR 0-100)(SD 45.3)Median=100 |
| *p* value | 0.47 | **<0.01** | 0.84 | 0.62 |
| **Bodily Pain** | 62.4(IQR 32-100)(SD 34.4)Median=70 | 73.6(IQR 57.5-100)(SD 26.9)Median=70 | 66.6(IQR 32.5-100)(SD 34.9)Median=80 | 73.6(IQR 57.5-100)(SD 29)Median=80 | 65.2(IQR 22.5-100)(SD 37.1)Median=80 | 77.4(IQR 70-100)(SD 29.2)Median=90 | 74.2(IQR 52-100)(SD 30.1)Median=80 | 79.6(IQR 67.5-100)(SD 27.7)Median=100 |
| *p* value | **0.02** | 0.43 | 0.12 | 0.22 |
| **General Health** | 54.2(IQR 40-70)(SD 19.5)Median=55 | 60.4(IQR 45-75)(SD 18.5)Median=60 | 65.6(IQR 55-85)(SD 22.1)Median=70 | 65(IQR 55-80)(SD 17.8)Median=65 | 63.6(IQR 45-80)(SD 23.2)Median=70 | 70.6(IQR 60-85)(SD 19.2)Median=75 | 63.9(IQR 50-80)(SD 23.1)Median=65 | 72.4(IQR 55-90)(SD 20.3)Median=80 |
| *p* value | **0.03** | 0.35 | **0.04** | 0.07 |
| **Vitality** | 40.9(IQR 20-60)(SD 26.3)Median=40 | 48.8(IQR 25-70)(SD 27)Median=50 | 52.9(IQR 40-75)(SD 27.8)Median=55 | 46.8(IQR 30-65)(SD 26.2)Median=45 | 57.5(IQR 40-80)(SD 27.9)Median=60 | 68.2(IQR 50-90)(SD 25.9)Median=75 | 58(IQR 40-80)(SD 26.2)Median=60 | 69.4(IQR 55-90)(SD 25.8)Median=75 |
| *p* value | **0.03** | **0.047** | **0.04** | **0.01** |
| **Social Function** | 59.8(IQR 23-100)(SD 38.5)Median=65 | 79.2(IQR 67.5-100)(SD 28.4)Median=90 | 77.8(IQR 62.5-100)(SD 36.1)Median=100 | 75.5(IQR 55-100)(SD 34.2)Median=100 | 83.4(IQR 87.5-100)(SD 32)Median=100 | 91.7(IQR 100-100)(SD 19.4)Median=100 | 82(IQR 77.50-100)(SD 30.7)Median=100 | 95.9(IQR 100-100)(SD 14.8)Median=100 |
| *p* value | **<0.01** | 0.22 | 0.16 | **<0.01** |
| **Emotional Role** | 44.5(IQR 0-100)(SD 47.7)Median=0 | 66.4(IQR 0-100)(SD 44.9)Median=100 | 62.9(IQR 0-100)(SD 46.5)Median=100 | 55.7(IQR 0-100)(SD 48.4)Median=100 | 67(IQR 0-100)(SD 45.9)Median=100 | 86.3(IQR 100-100)(SD 33.6)Median=100 | 68(IQR 0-100)(SD 45.9)Median=100 | 88.7(IQR 100-100)(SD 31.5)Median=100 |
| *p* value | **<0.01** | 0.26 | **<0.01** | **<0.01** |
| **Mental Health** | 63(IQR 40-88)(SD 27.3)Median=64 | 73.3(IQR 60-92)(SD 22.6)Median=80 | 71.8(IQR 52-96)(SD 27) Median=80 | 73.3(IQR 56-96)(SD 27.7)Median=84 | 71.2(IQR 56-100)(SD 28.2)Median=76 | 86.4(IQR 80-100)(SD 15.9)Median=92 | 71.3(IQR 60-96)(SD 25.4)Median=76 | 86.6(IQR 80-100)(SD 16.4)Median=92 |
| *p* value | **<0.01** | 0.72 | **<0.01** | **<0.01** |
| **Health Transition** | 29.4(IQR 25-50)(SD 24.6)Median=25 | 29.5(IQR 25-50)(SD 21.9)Median=25 | 64.4(IQR 50-75)(SD 26.2)Median=75 | 57.6(IQR 25-75)(SD 28.2)Median=75 | 64(IQR 50-75)(SD 28.8)Median=75 | 71.4(IQR 50-100)(SD 26.7)Median=75 | 70.2(IQR 50-100)(SD 25.3)Median=75 | 79.1(IQR 75-100)(SD 23.2)Median=75 |
| *p* value | 0.62 | 0.07 | **0.06** | **<0.01** |

IQR: interquartile Range; SD: Standard Deviation; TAVR: transcatheter aortic valve replacement; SAVR: surgical aortic valve replacement; SF-36: The 36-Item Short Form Health Survey questionnaire. *p* value: Wilcoxon test.