

Supplementary Online Content

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eTable. Detailed Scores of the Quality-of-Life Assessment According to the EQ-5D-5L Questionnaire

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Detailed Scores of the Quality-of-Life Assessment According to the EQ-5D-5L Questionnaire

	Study group n=38	Control group n=40	P-value
Mobility (mean [95 % CI])			
1 month after discharge	1.29 [1.08;1.50]	1.51 [1.24;1.78]	0.38 ^a
6 months after discharge	1.00 [1.00;1.00]	1.13 [0.98;1.28]	0.49 ^{ab}
Self-care (mean [95 % CI])			
1 month after discharge	1.14 [0.99;1.29]	1.41 [1.14;1.68]	0.40 ^a
6 months after discharge	1.03 [0.98;1.08]	1.18 [0.98;1.38]	0.42 ^{ab}
Usual activities (mean [95 % CI])			
1 month after discharge	1.55 [1.25;1.85]	1.73 [1.41;2.05]	0.50 ^a
6 months after discharge	1.12 [0.97;1.27]	1.32 [1.07;1.57]	0.38 ^{ab}
Pain/Discomfort (mean [95 % CI])			
1 month after discharge	1.45 [1.21;1.69]	1.75 [1.44;2.06]	0.37 ^a
6 months after discharge	1.21 [1.01;1.41]	1.13 [1.00;1.26]	0.91 ^{ab}
Anxiety/Depression (mean [95 % CI])			
1 month after discharge	1.26 [1.07;1.45]	1.49 [1.22;1.76]	0.32 ^a
6 months after discharge	1.18 [1.01;1.35]	1.27 [1.08;1.46]	0.71 ^a
Comprehensive Index Score (mean [95 % CI])			
1 month after discharge	0.86 [0.80;0.92]	0.76 [0.67;0.85]	0.58 ^c
6 months after discharge	0.96 [0.93;0.99]	0.92 [0.86;0.98]	0.50 ^{bc}
Visual Analog Scale (mean [95 % CI])			
1 month after discharge	81.42 [76.80;86.04]	76.71 [70.64;82.78]	0.95 ^c
6 months after discharge	91.44 [87.94;94.94]	87.50 [81.95;93.05]	0.72 ^{bc}

^aFisher's Exact Test, ^b due to the lack of variability, the algorithm to impute missing data did not converge at 6 months for these items and the analysis was performed on a complete-case basis with missing data exclusion, ^cMann-Whitney Test,

The scale range for the mobility, self-care, usual activities, pain/discomfort and anxiety/depression items goes from 1 (no problem at all) to 5 (extreme problems). The Comprehensive Index Score computes these five items and goes from 0 (extreme problems in everyday life) to 1 (no problem at all in everyday life). The Visual Analog Scale is a subjective evaluation of overall quality of life, going from 0 (worst imaginable quality of life) to 100 (best imaginable quality of life).

...continued eTable.

The level of the quality of life items (mobility, self-care, usual activities, pain/discomfort and anxiety/depression) were extrapolated using an ordinal logistic regression model, considering patients gender, age, length of stay and presence of associated cholecystitis, since these characteristics could potentially affect the quality of life. The imputation was performed separately in both arms. 100 datasets were imputed. The association between arms and the quality of life items was tested from the imputed datasets using an ordinal logistic regression. A similar approach was performed for the comparison of the VAS and the comprehensive index of quality of life. As the index and the VAS were continuous variables, missing data were imputed using a linear regression model and the medians were compared using a quantile regression.

CI=confidence interval