

Supplemental material

Table of contents:

Supplemental table 1: Association between the number of types of medication and HRQoL analysed as complete case analysis

Supplemental table 2: Association between the number of types of medication and HRQoL analysed after including only patients with a three month questionnaire

Supplemental table 1: Association between the number of types of medication and HRQoL analysed as complete case analysis

	Unadjusted		Model 1 ^a		Model 2 ^b	
	RC (95% CI)	p-value	RC (95% CI)	p-value	RC (95% CI)	p-value
Short Form 12						
PCS	-0.7 (-1.1 – -0.3)	<0.001	-0.7 (-1.0 – -0.3)	<0.001	-0.6 (-1.0 – -0.2)	0.003
MCS ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-1.2 (-5.5 – 3.1)	0.58	-1.6 (-6.0 – 2.9)	0.49	-1.1 (-5.5 – 3.3)	0.61
14-27 medications	-4.9 (-8.8 – -1.1)	0.01	-5.1 (-8.9 – -1.2)	0.01	-6.7 (-10.9 – -2.5)	0.002
Dialysis symptom index						
Number of symptoms ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-1.4 (-4.2 – 1.5)	0.35	-0.9 (-3.8 – 2.0)	0.52	-1.4 (-4.5 – 1.6)	0.36
14-27 medications	4.5 (1.9 – 7.0)	0.001	4.6 (2.0 – 7.1)	<0.001	3.9 (0.9 – 6.8)	0.01
Total symptom burden ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-5.9 (-15.5 – 3.7)	0.22	-4.4 (-14.3 – 5.4)	0.37	-7.4 (-17.5 – 2.8)	0.15
14-27 medications	13.5 (4.9 – 22.0)	0.002	13.6 (5.0 – 22.1)	0.002	9.1 (-0.8 – 19.1)	0.07
EQ-5D-5L						
EQ-5D-5L utility score ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-0.05 (-0.14 – -0.05)	0.31	-0.05 (-0.15 – 0.04)	0.27	-0.04 (-0.13 – 0.06)	0.48
14-27 medications	-0.19(-0.27 – -0.11)	<0.001	-0.19 (-0.28 – -0.11)	<0.001	-0.15 (-0.25 – -0.06)	0.002
Self-rated health	-1.6 (-2.3 – -1.0)	<0.001	-1.7 (-2.4 – -1.0)	<0.001	-1.5 (-2.3 – -0.7)	<0.001

Abbreviations: RC, regression coefficient; REF, reference category, PCS, Physical Component Summary Score, MCS, Mental Component summary score, EQ-5D-5L, EuroQoL-5D-5L;

^a Model 1: adjusted for age and sex;

^b Model 2: further adjusted for Charlson Comorbidity Index, dialysis modality, acute start of dialysis, and hospitalisation in the past three months;

^c Analysed with number of medications categorised in tertiles due to violation of linearity assumptions.

Supplemental table 2: Association between the number of types of medication and HRQoL analysed after including only patients with a three month questionnaire

	Unadjusted		Model 1 ^a		Model 2 ^b	
	RC (95% CI)	p-value	RC (95% CI)	p-value	RC (95% CI)	p-value
Short Form 12						
PCS	-0.7 (-1.0 – -0.3)	<0.001	-0.7 (-1.0 – -0.3)	<0.001	-0.5 (-0.9 – -0.1)	0.008
MCS ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-0.9 (-5.3 – 3.4)	0.68	-1.3 (-5.8 – 3.1)	0.55	-1.2 (-5.9 – 3.4)	0.60
14-27 medications	-4.1 (-8.0 – -0.2)	0.04	-4.4 (-8.3 – -0.5)	0.03	-5.4 (-9.9 – -1.0)	0.02
Dialysis symptom index						
Number of symptoms ^c						
2-10 medications						
11-13 medications	REF		REF		REF	
14-27 medications	-1.4 (-4.1 – 1.4)	0.32	-0.9 (-3.6 – 1.8)	0.51	-1.1 (-4.1 – 1.8)	0.46
Total symptom burden ^c	4.2 (1.8 – 6.7)	0.001	4.5 (2.1 – 6.9)	<0.001	4.1 (1.3 – 6.9)	0.004
2-10 medications	REF		REF		REF	
11-13 medications	-1.3 (-10.0 – 7.3)	0.76	0.3 (-8.3 – 8.8)	0.96	-1.3 (-10.6 – 7.9)	0.78
14-27 medications	16.3 (8.6 – 24.0)	<0.001	17.2 (9.6 – 24.7)	<0.001	14.5 (5.7 – 23.4)	0.001
EQ-5D-5L						
EQ-5D-5L utility score ^c						
2-10 medications	REF		REF		REF	
11-13 medications	-0.05 (-0.16 – 0.05)	0.31	-0.07 (-0.17 – 0.04)	0.23	-0.06 (-0.17 – 0.06)	0.32
14-27 medications	-0.20 (-0.30 – -0.11)	<0.001	-0.21 (-0.30 – -0.11)	<0.001	-0.19 (-0.30 – -0.08)	0.001
Self-rated health	1.6 (-2.3 – 0.9)	<0.001	-1.6 (-2.4 – -0.9)	<0.001	-1.5 (-2.3 – -0.7)	<0.001

Abbreviations: RC, regression coefficient; REF, reference category, PCS, Physical Component Summary Score, MCS, Mental Component summary score, EQ-5D-5L, EuroQoL-5D-5L;

^a Model 1: adjusted for age and sex;

^b Model 2: further adjusted for Charlson Comorbidity Index, dialysis modality, acute start of dialysis, and hospitalisation in the past three months;

^c Analysed with number of medications categorised in tertiles due to violation of linearity assumptions.