

**Supplementary Appendix A** Use of healthcare during intervention and follow-up period. Number of patients (percentage) who reported use of healthcare in addition to amoxicillin or placebo treatment.

	Week 0-13 No per patient		Week 14-52 No per patient	
	Amoxicillin (n=89)	Placebo (n=91)	Amoxicillin (n=89)	Placebo (n=91)
Non-opioid medication, n (%)	53 (59.6)	57 (62.6)	53 (59.6)	58 (63.7)
Opioid medication, n (%)	31 (34.8)	36 (39.6)	33 (37.1)	35 (38.5)
General practitioner, n (%)	4 (4.5)	5 (5.5)	11 (12.4)	9 (9.9)
Medical specialist, n (%)	2 (2.3)	-	7 (7.9)	6 (6.6)
Chiropractor, n (%)	6 (6.7)	4 (4.4)	7 (7.9)	8 (8.8)
Physiotherapist, n (%)	16 (17.9)	8 (8.8)	13 (14.6)	16 (17.6)
Manual therapist, n (%)	5 (5.6)	-	7 (7.9)	9 (9.9)
Psychomotoric physiotherapy, n (%)	-	-	1 (1.1)	-
Acupuncture, n (%)	1 (1.1)	2 (2.2)	2 (2.3)	4 (4.4)
Other therapists, n (%)	7 (7.9)	10 (11)	14 (15.7)	13 (14.3)
Back surgery, n (%)	-	-	1* (1.1)	-
Hospitalization, n (%)	1* (1.1)	-	-	1 (1.1)
Rehabilitation stay, n (%)	1 (1.1)	-	3 (3.4)	1 (1.1)
Missing data				
Healthcare consumption, n (%)	2	3	4	2
Productivity loss, n (%)	4	6	5	6
EQ-5D-5L, n (%)	4	8	5	8

\*the same participant

**Supplementary Appendix B** Number of consultations with healthcare providers during intervention and follow-up period. Results are provided both with parametric (mean, SD) and non-parametric (median, min-max) methods due to the low number of patients in each category.

	Week 0-13				Week 14-52			
	Amoxicillin		Placebo		Amoxicillin		Placebo	
	Mean (SD)	Median (min-max)	Mean (SD)	Median (min-max)	Mean (SD)	Median (min-max)	Mean (SD)	Median (min-max)
Non-opioid medication	1.1 (1.1)	1.0 (0-4)	1.0 (1.0)	1.0 (0-5)	1.1 (1.1)	1.0 (0-4)	1.1 (1.0)	1.0 (0-4)
Opioid medication	0.4 (0.7)	0 (0-4)	0.5 (0.7)	0 (0-3)	0.5 (0.7)	0 (0-3)	0.5 (0.8)	0 (0-3)
General practitioner	1.0 (0.0)	1.0 (1-1)	1.0 (0.0)	1.0 (1-1)	3.4 (2.2)	3.0 (1-8)	3.9 (3.0)	2.0 (1-9)
Medical specialist	3.0 (2.8)	3.0 (1-5)	-	-	1.9 (1.5)	1.0 (1.5)	2.8 (2.3)	2.0 (1-7)
Chiropractor	2.17 (0.8)	2.0 (1-3)	3.0 (0.8)	3.0 (2-4)	7.1 (3.1)	7.0 (3-11)	9.4 (6.3)	8.0 (3-24)
Physiotherapist	7.4 (7.9)	3.5 (2-29)	7.5 (5.7)	5.5 (1-18)	17.5 (22.8)	5.0 (1-68)	9.6 (9.3)	5.5 (1-32)
Manual therapist	5.6 (4.3)	4.0 (2-12)	-	-	10.0 (11.5)	4.0 (1-27)	3.9 (2.6)	3.0 (1-8)
Psychomotoric physiotherapy	-	-	-	-	9.0 (-)	9.0 (9-9)	-	-
Acupuncture	1.0 (-)	1.0 (1.1)	2.0 (1.4)	2.0 (1-3)	1.5 (0.7)	1.5 (1-2)	4.3 (1.7)	4.5 (2-6)
Other therapists	2.9 (2.9)	2.0 (1-9)	4.1 (2.6)	3.5 (1-9)	5.1 (4.8)	3.5 (1-17)	6.1 (5.9)	4.0 (1-17)
Back surgery	-	-	-	-	1 (-)	1 (1-1)	-	-
Hospitalization	1 (-)	1 (1-1)	-	-	-	-	2 (-)	2 (2-2)
Rehabilitation stay	1 (-)	1 (1.1)	-	-	1 (0.0)	1 (1-1)	4 (-)	4 (4-4)