

Supplementary table 1. Results of univariate logistic regression analyses of variables associated with unplanned 30-day readmission in patients who received total knee arthroplasty

<i>Variables</i>	<i>Odds Ratio</i>		
	<i>OR</i>	<i>95% CI</i>	<i>p-value</i>
Public vs Private	4.2	1.2-14.2	0.02
Comorbidities			
Arthritis [#]	1.8	0.2-14.6	0.56
Osteoporosis	1.7	0.4-6.7	0.43
Asthma	0.8	0.2-3.8	0.80
COPD, ARDS, emphysema	1.8	0.2-14.9	0.58
Angina	-	-	-
Congestive heart failure (or heart disease)	1.9	0.2-16.2	0.53
Heart attack	-	-	-
Neurological disease	-	-	-
Stroke or TIA	3.6	0.7-18.2	0.11
Peripheral vascular disease	-	-	-
Diabetes type I and II	2.3	0.6-9.1	0.21
Upper GI disease	0.6	0.2-2.4	0.52
Depression	0.6	0.1-2.9	0.55
Anxiety or panic disorders	1.6	0.4-6.3	0.46
Visual impairment	1.0	0.3-3.7	0.98
Hearing impairment	1.3	0.3-6.0	0.80
Degenerative disc disease	1.6	0.5-5.4	0.44
Morbidity scale			
0	-	-	-
1	0.6	0.1-2.5	0.50
2	0.4	0.1-2.0	0.27
3 or more	-	-	-
Self-Rated Health			
Poor	-	-	-
Fair	0.3	0.0-3.0	0.3
Good	0.2	0.0-2.0	0.1
Very good	0.1	0.0-1.0	0.1

<i>Excellent</i>	-	-	-
Before you went to hospital			
Invited to attend session by surgeon	0.5	0.1-1.5	0.21
Attended information session	1.0	0.3-3.2	0.99
Usefulness of pre-surgery information session	0.7	0.3-1.9	0.53
<i>Not very useful</i>	-	-	-
<i>Moderately useful</i>	0.1	0.0-1.8	0.13
<i>Very useful</i>	0.3	0.0-1.8	0.21
Given information package or checklist	-	-	-
Use of information package or checklist	-	-	-
Pain			
Worst pain (more than six score)	1.5	0.4-5.7	0.51
Pain experienced during hospital stay (general pain)	4.7	1.0-21.6	0.05
Pain on discharge (less than 6)	5.0	1.3-18.4	0.016

Medication for pain control	0.4	0.1-1.7	0.20
Pain management with ice	0.9	0.2-4.2	0.90
Breathing exercise	1.9	0.6-6.2	0.30
Sleep			
Single/shared room (single)	1.4	0.4-4.8	0.55
Quality of sleep (Poor)	1.2	0.4-4.0	0.80
Medication for sleep	1.2	0.4-3.9	0.71
Feel rested when leaving hospital	1.5	0.5-4.5	0.50
Diet			
Dietary requirement met	0.4	0.1-3.3	0.41
Water in reach	3.5	0.7-17.1	0.12
Quality of food in hospital(average)	0.5	0.1-4.0	0.52
Discussion of medications with health care provider	0.5	0.1-2.1	0.38
<i>Pharmacist</i>	3.3	0.2-57.9	0.40
<i>Doctor</i>	-	-	-
<i>Nurse</i>	1.2	0.1-13.3	0.90
<i>Physiotherapist</i>	-	-	-

<i>Other</i>	-	-	-	Total enablement score (less enabled)	1.0	0.3-3.3	0.96
<i>Don't know</i>	-	-	-				
<i>More than one</i>	1.8	0.0-0.2	0.60	When you got home from hospital			
Patient medication enablement				Recall being given information about who to contact	0.8	0.2-3.8	0.79
Better understand use of medication	0.4	0.1-3.6	0.44	Who were you instructed to contact?	0.8	0.6-1.0	0.05
Feel more confident about taking medications	0.7	0.1-6.2	0.80	<i>surgeon</i>	-	-	-
Take your medications	0.5	0.1-4.0	0.48	<i>nurse at hospital</i>	0.3	0.0-2.7	0.32
Total medication enablement (medication scale)	0.9	0.6-1.4	0.59	<i>GP</i>	0.5	0.1-2.0	0.28
Patient enablement				<i>emergency department</i>	0.3	0.1-2.0	0.27
Able to cope with life	0.7	0.3-1.6	0.46	<i>other</i>	-	-	-
Able to understand your condition	0.9	0.4-1.2	0.81	Go to ED within 30 days of discharge	42.5	10.9-164.8	0.00
Able to cope with your condition	0.8	0.3-1.7	0.50	General Practice Questions			
Able to keep yourself healthy	1.2	0.5-2.6	0.65	Regular GP practice	-	-	-
Confident about your health	0.6	0.3-1.4	0.25	See the same doctor	0.3	0.0-3.0	0.33
Able to help yourself	1.3	0.6-2.8	0.54	Regular appointments with GP	1.2	0.4-3.7	0.76
				Discussion of plan with GP	0.7	0.2-2.2	0.50

When were you advised to see GP next				Length of attendance to rehab			
<i>1-6 weeks</i>	1.9	0.2-14.7	0.56	<i>One week</i>	-	-	-
<i>Don't know</i>	-	-	-	<i>2 weeks</i>	-	-	-
Usual waiting time to see GP				<i>3 weeks</i>	-	-	-
<i>same day</i>	-	-	-	<i>4 weeks</i>	0.1	0.0-1.5	0.09
<i>Within a couple of days</i>	0.6	0.2-2.1	0.43	<i>>4 weeks</i>	0.4	0.0-2.0	0.25
<i>Within a week</i>	0.2	0.0-2.1	0.19	<hr/>			
<i>1-2 weeks</i>	0.4	0.0-4.2	0.48				
<i>>2 weeks</i>	-	-	-				
How soon after surgery did you see GP							
<i>Within 1 week</i>	-	-	-				
<i>2-3 weeks</i>	0.5	0.1-1.9	0.33				
<i>4-6 weeks</i>	0.7	0.1-6.1	0.78				
<i>Don't know</i>	1.3	0.1-10.6	0.84				
Did GP know you were in hospital	-	-	-				
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Rehabilitation							
Attendance to rehab program	0.1	0.0-0.4	0.00				
Attendance to rehab within 5 days	2.2	0.8-5.5	0.11				