Appendix 1: Supplementary data tables

Table S1: Variance inflation factors for final model					
	Variance inflation factor				
Age	1.53				
Male sex	1.19				
Charlson Comorbidity Index	1.22				
Presence of home support worker	1.42				
PCP appointment booked prior to discharge	1.37				
Familiar PCP	1.44				
Specialist appointment booked prior to discharge	1.12				
Discharge summary reminder	1.62				

Table S2: Comparison of excluded patients with study population						
	Included patients	Unknown	p-			
Characteristic	n = 214	n = 86	value			
Patient characteristics						
Age, yr, mean ± SD	70 ± 16	70 ± 17	.88			
Male sex	122 (57)	52 (60)	.58			
Discharge diagnosis						
CHF	40 (19)	18 (21)	.66			
CAP	18 (8.4)	2 (2.3)	.056			
COPD	16 (7.5)	11 (13)	.15			
Charlson Comorbidity index, mean ± SD	2.6 ± 2.0	2.7 ± 2.0	.91			
Length of stay, d, mean ± SD (median)	8.6 ± 9.4 (6)	6.9 ± 5.1 (5.5)	.12			
ED visits in past 6 months, mean ± SD	1.0 ± 1.9	1.7 ± 2.6	.029*			
Cognitively impaired or psychiatric diagnosis	92 (43)	48 (56)	.044*			
Language barrier	83 (39)	33 (38)	.95			
Socially isolated	24 (11)	11 (13)	.70			
Impaired mobility	100 (47)	35 (41)	.34			
Presence of home support worker	134 (63)	54 (63)	.98			
PCP follow-up characteristics						
PCP appointment booked prior to discharge	109 (51)	25 (29)	.001*			

Appendix to: Lam K, Abrams HB, Matelski J, et al. Factors associated with attendance at primary care appointments after discharge from hospital: a retrospective cohort study. *CMAJ Open* 2018. DOI:10.9778/cmajo.20180069. Copyright © 2018 Joule Inc. or its licensors

Received booking help from transitional care specialist	109 (51)	46 (53)	.69
Familiar PCP	166 (78)	71 (83)	.34
Requested a new PCP	58 (27)	20 (23)	.49
Specialist appointment booked prior to discharge	61 (41)	25 (41)	.97
Weekend discharge	26 (12)	5 (5.8)	.10
Discharge summary:			
Did not recommend PCP follow-up	42 (20)	17 (20)	.98
Recommended PCP follow-up only	111 (52)	57 (66)	.024*
Recommended PCP follow-up and provided time	41 (19)	5 (5.8)	.003*
but no callback number			
Recommended PCP follow-up and provided	8 (3.7)	4 (4.7)	.43
callback number but no appointment time			
Recommended PCP follow-up and provided both callback number and time	12 (5.6)	3 (3.5)	.45
Campack mulliper and time			

Table S3: Sensitivity analyses, adjusted odds ratios of resulting best fit models^a for patients with unknown attendance as attended and non-attended

	Included patients only		Unknowns as not attended		Unknowns as attended	
	OR (95% CI)	p- value	OR (95% CI)	p- value	OR (95% CI)	p- value
Age	1.00 (0.98- 1.03)	.74	1.01 (0.99- 1.02)	.60	1.00 (0.98- 1.02)	.74
Male sex	1.15 (0.59- 2.24)	.69	0.97 (0.55- 1.68)	.87	1.37 (0.77- 2.42)	.28
Charlson Comorbidity Index	1.07 (0.90- 1.26)	.45	1.05 (0.91- 1.21)	.44	1.03 (0.90- 1.19)	.67
ED visits in past 6 months			0.85 (0.73- 0.97)	.020*		
Discharge diagnosis: CHF			0.53 (0.25- 1.08)	.074		
Discharge diagnosis: COPD					2.35 (0.83- 8.47)	.14
Cognitively impaired or psychiatric diagnosis			0.58 (0.34- 1.00)	.057		

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						1.0
Socially isolated					2.09	.12
					(0.86-	
					5.74)	
Presence of home support worker	0.38	.014*	0.57	.081	0.52	.045*
	(0.17-		(0.30-		(0.27-	
	0.80)		1.04)		0.97)	
PCP appointment booked prior to	2.15	.034*	3.59	<.001*		
discharge	(1.07-		(1.73-			
	4.41)		7.74)			
Received booking help from transitional			0.52	.095		
care specialist			(0.24-			
•			1.08)			
Familiar PCP	5.6	<.001*	6.84	<.001*	7.64	<.001*
	(2.32-		(2.31-		(2.67-	
	15.0)		22.3)		25.9)	
Requested a new PCP	ĺ		2.28	.088	2.32	.12
			(0.91-		(0.87-	
			6.02)		7.41)	
			0.02)		7.11)	
	Included n	atients	Unknowns	as not	Unknowns	as
	Included p	atients	Unknowns attended	as not	Unknowns attended	as
	only	•	attended		attended	ı
	only OR (95%	p-	attended OR (95%	р-	attended OR (95%	р-
Specialist appointment booked prior to	only OR (95% CI)	p- value	attended OR (95% CI)	p- value	attended OR (95% CI)	p- value
Specialist appointment booked prior to discharge	only OR (95% CI) 0.37	p-	attended OR (95% CI) 0.41	р-	attended OR (95% CI) 0.49	p-
Specialist appointment booked prior to discharge	only OR (95% CI) 0.37 (0.18-	p- value	attended OR (95% CI) 0.41 (0.22-	p- value	attended OR (95% CI) 0.49 (0.27-	p- value
discharge	only OR (95% CI) 0.37 (0.18- 0.75)	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77)	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89)	p- value .020*
	only OR (95% CI) 0.37 (0.18- 0.75) 1.00	p- value	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70	p- value	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02	p- value
discharge	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44-	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34-	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49-	p- value .020*
discharge Recommended PCP follow-up only ^b	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25)	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43))	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07)	p- value .020*
Recommended PCP follow-up only ^b Recommended PCP follow-up and	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68	p- value .020*
discharge Recommended PCP follow-up only ^b	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27-	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42-	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28-	p- value .020*
Recommended PCP follow-up only ^b Recommended PCP follow-up and provided time but no callback number ^b	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28)	p- value .006* 1.00	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96)	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64)	p- value .020*
Recommended PCP follow-up only ^b Recommended PCP follow-up and provided time but no callback number ^b Recommended PCP follow-up and	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28) 0.97	p- value .006*	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96) 1.10	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64) 1.14	p- value .020*
Recommended PCP follow-up onlyb Recommended PCP follow-up and provided time but no callback numberb Recommended PCP follow-up and provided callback number but no	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28) 0.97 (0.17-	p- value .006* 1.00	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96) 1.10 (0.23-	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64) 1.14 (0.29-	p- value .020*
Recommended PCP follow-up only ^b Recommended PCP follow-up and provided time but no callback number ^b Recommended PCP follow-up and provided callback number but no appointment time ^b	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28) 0.97 (0.17- 5.53)	p-value .006* 1.00 .66	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96) 1.10 (0.23- 4.71)	p- value .007* .32 .90	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64) 1.14 (0.29- 5.10)	.95 .85
Recommended PCP follow-up only ^b Recommended PCP follow-up and provided time but no callback number ^b Recommended PCP follow-up and provided callback number but no appointment time ^b Recommended PCP follow-up and	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28) 0.97 (0.17- 5.53) 15.3	p- value .006* 1.00	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96) 1.10 (0.23- 4.71) 5.96	p- value .007*	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64) 1.14 (0.29- 5.10) 9.32	p- value .020*
Recommended PCP follow-up only ^b Recommended PCP follow-up and provided time but no callback number ^b Recommended PCP follow-up and provided callback number but no appointment time ^b	only OR (95% CI) 0.37 (0.18- 0.75) 1.00 (0.44- 2.25) 0.79 (0.27- 2.28) 0.97 (0.17- 5.53)	p-value .006* 1.00 .66	attended OR (95% CI) 0.41 (0.22- 0.77) 0.70 (0.34- 1.43)) 1.11 (0.42- 2.96) 1.10 (0.23- 4.71)	p- value .007* .32 .90	attended OR (95% CI) 0.49 (0.27- 0.89) 1.02 (0.49- 2.07) 0.68 (0.28- 1.64) 1.14 (0.29- 5.10)	.95 .85

^{*} p < 0.05

Shaded cells indicate the variable was dropped during stepwise regression

^a mixed stepwise regression based on AIC

^b Reference group is discharge summary provided no instructions regarding PCP follow-up