

## Appendix 1: Supplementary data tables

<b>Table S1: Variance inflation factors for final model</b>	
	<b>Variance inflation factor</b>
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

<b>Table S2: Comparison of excluded patients with study population</b>			
<b>Characteristic</b>	<b>Included patients n = 214</b>	<b>Unknown n = 86</b>	<b>p-value</b>
<b>Patient characteristics</b>			
Age, yr, mean $\pm$ SD	70 $\pm$ 16	70 $\pm$ 17	.88
Male sex	122 (57)	52 (60)	.58
<b>Discharge diagnosis</b>			
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 $\pm$ SD	2.6 $\pm$ 2.0	2.7 $\pm$ 2.0	.91
Length of stay, d, mean $\pm$ SD (median)	8.6 $\pm$ 9.4 (6)	6.9 $\pm$ 5.1 (5.5)	.12
ED visits in past 6 months, mean $\pm$ SD	1.0 $\pm$ 1.9	1.7 $\pm$ 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
<b>PCP follow-up characteristics</b>			
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 but no callback number	41 (19)	5 (5.8)	.003*
Recommended PCP follow-up and provided callback number but no appointment time	8 (3.7)	4 (4.7)	.43
Recommended PCP follow-up and provided both callback number and time	12 (5.6)	3 (3.5)	.45

**Table S3:** Sensitivity analyses, adjusted odds ratios of resulting best fit models<sup>a</sup> 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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Socially isolated					2.09 (0.86- 5.74)	.12
Presence of home support worker	0.38 (0.17- 0.80)	.014*	0.57 (0.30- 1.04)	.081	0.52 (0.27- 0.97)	.045*
PCP appointment booked prior to discharge	2.15 (1.07- 4.41)	.034*	3.59 (1.73- 7.74)	<.001*		
Received booking help from transitional care specialist			0.52 (0.24- 1.08)	.095		
Familiar PCP	5.6 (2.32- 15.0)	<.001*	6.84 (2.31- 22.3)	<.001*	7.64 (2.67- 25.9)	<.001*
Requested a new PCP			2.28 (0.91- 6.02)	.088	2.32 (0.87- 7.41)	.12
	<b>Included patients only</b>		<b>Unknowns as not attended</b>		<b>Unknowns as attended</b>	
	<b>OR (95% CI)</b>	<b>p-value</b>	<b>OR (95% CI)</b>	<b>p-value</b>	<b>OR (95% CI)</b>	<b>p-value</b>
Specialist appointment booked prior to discharge	0.37 (0.18- 0.75)	.006*	0.41 (0.22- 0.77)	.007*	0.49 (0.27- 0.89)	.020*
Recommended PCP follow-up only <sup>b</sup>	1.00 (0.44- 2.25)	1.00	0.70 (0.34- 1.43)	.32	1.02 (0.49- 2.07)	.95
Recommended PCP follow-up and provided time but no callback number <sup>b</sup>	0.79 (0.27- 2.28)	.66	1.11 (0.42- 2.96)	.90	0.68 (0.28- 1.64)	.85
Recommended PCP follow-up and provided callback number but no appointment time <sup>b</sup>	0.97 (0.17- 5.53)	.98	1.10 (0.23- 4.71)	.83	1.14 (0.29- 5.10)	.39
Recommended PCP follow-up and provided both callback number and time <sup>b</sup>	15.3 (2.09- 326)	.021*	5.96 (1.40- 29.8)	.020*	9.32 (1.47- 185)	.047*
<p>* p &lt; 0.05</p> <p><sup>a</sup> mixed stepwise regression based on AIC</p> <p><sup>b</sup> Reference group is discharge summary provided no instructions regarding PCP follow-up</p> <p>Shaded cells indicate the variable was dropped during stepwise regression</p>						