



## Supplementary Material

**Table. S1** Study measurements

Timepoint	Training	Eligibility Screening	Enrollment (t <sub>1</sub> )	Allocation	Post-Allocation			Follow-up	
			within 72 hours of hospitalization		In the hospital	Within 48 hours before discharge	Within 48 hours of discharge	1m (t <sub>2</sub> )	3m (t <sub>3</sub> )
Enrolment :									
Training of CRC, Multidisciplinary team	X								
Eligibility Screen by CRC		X							
Invitation to Participate			X						
Validation and Informed Consent			X						
Participant Randomization				X					
Intervention :									
Usual Care					X			X	X
Discharged Patient Health Management Program	Education				X	X	X	X	
	Linking social welfare				X			X	X
	Home Visiting						X	X	
	Telephone counseling							x x x x	
Measures :									
Modified Medical Research Council (mMRC) Dyspnea Scale			X					X	X
COPD Assessment Test (CAT)			X					X	X
Demonstration of inhaler technique			X					X	X

Test of the Adherence to Inhalers (TAI)	X	X	X
Hospitalization and emergency room visits	X	X	X
Exacerbation History	X	X	X
Demographic questions	X	X	X
Smoking	X	X	X
Prescreening Korean Dementia Screening Questionnaire (KDSQ-P)	X	X	X
Hospital anxiety and depression scale (HADS)	X	X	X
Self-efficacy (SE) scale	X	X	X
Necessity for Social Welfare Service	X	X	X
Instrumental Activities of Daily Living (IADL) / Activities of Daily Living (ADL)	X	X	X
Patient Experience Assessment (PEA)	X		
Partners at Care Transitions Measure (PACT-M1)	X		
Partners at Care Transitions Measure (PACT-M2)		X	X