

**Supplementary Table S1.** Older participants' characteristics.

Older adult ID	Age	Sex	Marital status	Length of hospital stay (days)	Number ICD-10	Number of medications	Principal ICD-10 diagnosis for hospitalisation
OA01	92	F	widow	6	7	12	M80.88 Other osteoporosis with current pathological fracture, vertebra(e)
OA02	66	M	married	112	27	21	B25.80 Cytomegaloviral disease of the digestive system
OA03	73	F	married	39	12	8	C16.3 Malignant tumour: pyloric antrum
OA04	82	F	divorced	20	25	14	S70.0 Contusion of hip
OA05	71	F	widow	60	12	6	K92.1 Melaena
OA06	86	M	married	14	10	9	J18.0 Bronchopneumonia, unspecified
OA07	94	F	widow	12	10	8	I50.01 Right ventricular failure (secondary to left heart failure)
OA08	73	F	widow	12	3	10	N30.0 Acute cystitis
OA09	83	F	widow	37	14	8	T84.04 Mechanical complication of internal joint prosthesis: hip joint
OA10	85	M	widower	18	18	7	M80.98 Unspecified osteoporosis with pathological fracture
OA11	82	M	married	41	18	13	D64.8 Other specified anaemias
OA12	82	M	widower	14	17	8	I50.01 Right ventricular failure (secondary to left heart failure)
OA13	75	M	widower	14	9	7	I63.0 Cerebral infarction due to thrombosis of precerebral arteries
OA14	88	F	widow	17	10	7	S22.4 Multiple fractures of ribs

<b>OA15</b>	85	M	married	34	16	13	I63.4 Cerebral infarction due to embolism of cerebral arteries
<b>OA16</b>	<i>Recruited but not polymedicated at the time of the interview</i>						
<b>OA17</b>	87	M	married	47	22	11	K80.30 Calculus of bile duct with cholangitis
<b>OA18</b>	86	M	married	13	5	5	I63.8 Other cerebral infarction
<b>OA19</b>	84	M	married	5	9	6	G45.0 Vertebrobasilar artery syndrome
<b>OA20</b>	69	M	divorced	13	14	13	I74.3 Embolism and thrombosis of arteries of lower extremities
<b>OA21</b>	75	F	married	13	16	6	R26.8 Other and unspecified abnormalities of gait and mobility
<b>OA22</b>	83	F	widow	8	5	7	J13 Pneumonia due to Streptococcus pneumoniae
<b>OA23</b>	87	F	widow	5	8	11	A08.1 Acute gastroenteropathy due to Norwalk agent
<b>OA24</b>	74	M	married	8	13	9	J18.1 Lobar pneumonia, unspecified
<b>OA25</b>	88	M	married	12	18	7	I50.01 Left ventricular failure
<b>OA26</b>	76	M	married	1	4	4	C22.0 Liver cell carcinoma
<b>OA27</b>	77	M	married	12	11	8	C20 Malignant neoplasm of rectum
<b>OA28</b>	89	M	widower	14	9	14	K56.5 Intestinal adhesions [bands] with obstruction (post-infection)
<b>OA29</b>	81	M	married	4	9	8	K80.20 Calculus of gallbladder without cholecystitis without obstruction