

Appendix 1: Screening tool for patient's vulnerability

Patient's name	
Country of origin	
Contact details	
Primary diagnosis	
Secondary diagnosis	
Multiple drugs (more than 6)	
List of drugs	
Level of education	
Occupation	
Socio economic status	
Language barrier	
Does the patient understand the disease and medical instructions?	
Comments	

Appendix 2: Patient Profiles

Diagnosis (ICD-10) /polypharmacy	Sex M/F	Age years	Referred from PC yes/no	Number of drugs at:		Discharged to:		Definition of vulnerability (living alone, low socio-economic status, low education, difficulties in comprehending information provided)
				hospital admission	hospital discharge	Home	Nursing home	
Severe COPD /Polypharmacy	M	77	no	10	10	X		low socioeconomic status, low education, difficulties in comprehending information provided.
Onset of Ulcerative colitis / Acute MI Polypharmacy	F	87	yes	7	7	X		low socioeconomic status, low education, difficulties in comprehending information provided, lived in a deprived area.
Nephrotic Syndrome /Polypharmacy	F	69	No	10	13	X		low education, difficulties in comprehending information provided, lived alone, still working
Acute pyelonephritis /Polypharmacy	M	84	No	6	6	X		Linguistic Barrier , low socioeconomic status, low education, difficulties in comprehending information provided.
Celulitis and Foot Abscess Polypharmacy	F	67	No	Not available	16	X		low socioeconomic status, low education, difficulties in comprehending information provided, lived alone

Bilateral carpal tunnel inflammation, /COPD/ Polypharmacy	F	73	No	11	11	X		low socioeconomic status, low education, difficulties in comprehending information provided, lived alone in a deprived area
Cardiac Failure, Paroxysmal AF /Polypharmacy	F	Not available	No	6	7	X		low socioeconomic status, low education, difficulties in comprehending information provided.
Mitral Valve replacement /Hypertension- Type II DM- CVA Polypharmacy	F	66	No	7	7	X		Linguistic Barrier, low socioeconomic status, low education, difficulties in comprehending information provided.
Colorectal Cancer /COPD- Hypertension- Obesity- Chronic heart failure Polypharmacy	F	73	No	7	7	X		low education, difficulties in comprehending information provided.
Pancreatitis	M	56	No	11	13	X		low socioeconomic status, low education

/Type II DM, bile duct cancer								
Cardiac stent /Polypharmacy	M	81	No	8	9	X		low socioeconomic status, low education, difficulties in comprehending information provided.
Surgery for Cancer of Rectum /Type II DM Polypharmacy	M	63	No	7	7	X		low socioeconomic status, low education