

**Supplementary file 2: Detailed overview of outcome measures**

Outcome	Data source/measure	Frequency of collection	Method of collection
<i>Patient-orientated outcomes</i>			
<b>All patients on study ward during active study window</b>			
<b>Mortality (secondary outcome measure)</b> The death of a patient for any reason	Death certificate data from the ONS*	Once at 90 days post discharge	Routine hospital data
<b>Number of hospital stays (secondary outcome measure)</b> The number of planned and unplanned admissions and re-admissions to hospital for treatment or monitoring health	HES* Admitted Patient Care dataset from NHS Digital and Site Medical Record	Once at 90 days post discharge	Routine hospital data
<b>Patients providing consent/consultee assent for enhanced data collection activities</b>			
<b>Satisfaction with deprescribing</b>	A 13-item questionnaire capturing satisfaction with the procedures associated with any medicines that may have been stopped during the hospital stay	Once, as soon as possible after discharge	Patient/consultee reported (telephone)
<b>Medication related adverse events</b>	A 18-item questionnaire to capture presence or absence of symptoms in the one month prior to assessment	Once at 90 days post discharge	Patient/consultee reported (telephone)

<b>Quality of life (secondary outcome measure)</b> The standard of health, comfort and happiness experienced by an individual, including quality of life relating to medication use	EuroQoL 5-dimension questionnaire (EQ-5D-5L), Short Form 36 Health Survey (SF36)	Twice – at discharge and at 90 days post discharge	Patient/consultee reported (telephone)
<b>Economic outcomes</b>			
<b>All patients on study ward during active study window</b>			
<b>Number of hospital stays</b> The number of planned and unplanned admissions and re-admissions to hospital for treatment or monitoring health	HES Admitted Patient Care dataset from NHS Digital	Once, at 90 days post discharge	Routine hospital data
<b>Length of hospital stay for index admission</b> The number of days	Site Medical Record	Once, at discharge from hospital	
<b>Patients providing consent/consultee assent for enhanced data collection activities</b>			
<b>Number of primary care consultations</b> The number of consultations with General Practitioners or Practice Nurse for treatment or monitoring health	GP records	Once, at 6 weeks post discharge	Routine primary care data
<b>Process outcomes</b>			
<b>All patients on study ward during active study window</b>			
<b>Number of regularly prescribed medicines at discharge</b>	Site Medical Record	Once, at the point of discharge	Routine hospital data

The number of medicines that a patient has been prescribed for regular use when discharged from hospital			
<b>Number of prescribed medicines for when required use at discharge</b>  The number of medicines that a patient has been prescribed for when required use when discharged from hospital	Site Medical Record	Once, at the point of discharge	Routine hospital data
<b>Number of prescribed medicines that are stopped</b>  The number of medicines that have been discontinued during study window AND while patient is on study ward	Site Medical Record	Once, at the point of discharge	Routine hospital data
<b>Number of prescribed medicines with dosage reduced</b>  The number of medicines which have had the dosage reduced during study window AND while patient is on study ward	Site Medical Record	Once, at the point of discharge	Routine hospital data
<b>Number of stopped medicines that are re-started</b>  The number of medicines that were discontinued during study window AND while patient is on study ward that are subsequently restarted during follow-up	Community pharmacy dispensed medicines submitted to NHS Business Services Authority, dataset from NHS Digital	Once at 90 days post discharge	Routine primary care data

\*Office for National Statistics (UK agency responsible for collecting and publishing **related to the economy, population and society at national, regional and local levels**) and Hospital Episode Statistics (a database containing details about admissions, A&E attendances and outpatient appointments at NHS hospitals).