

Additional file 2

Data collection tool

1. Socio-demographic, diagnosis and medication therapy data abstraction form

Patient initials: _____ Card. No.: _____ Bed No. _____

Patient age: _____ Sex: M _____ F _____

Date of admission: _____ Date of discharge: _____

Current working Diagnosis: _____

Other co-morbidities: _____

Medication history form

Allergy history: _____

No. of medications on admission _____

Previous/Home medications (Includes prescriptions, OTC medications, herbal/dietary supplements)

Ser. No	Previous/Home medications	Dose	Route	Frequency	duration	Treatment continued (Yes/No)

Current medications

Ser. No	Drug name	Dose , Route, Frequency, duration	Date started	Date stopped	Remarks

N.B. For PRN medication, please include the dose, time and date given

If there is any patient concerns in the medication use process (eg. Significant drug-drug interactions, any medication related problems), specify

2. Medication discrepancies collection form

I. Patient information:

Age : _____

Sex: Male _____ Female _____

Diagnosis: _____

II. Occurrence of medication discrepancies

A) What type (s) of discrepancy (ies) is it?

1) Intentional medication discrepancies

a) Yes

b) No

2) Unintentional medication discrepancies

a) Yes

b) No

B) If it is unintentional medication discrepancy, please describe the error, including description and consequences if any

III. What type (s) of medication error (s) is occurred in this patient? (tick all that apply)

a) Omitted drug

b) Discrepant in frequency

c) Discrepant in dose

d) Discrepant in route

e) Commission error

f) Different drug from the same therapeutic class without clinical explanation

g) Others, specify _____

Clinical severity assessment

Categorizing the clinical severity of unintentional medication discrepancies (Adapted from Cornish et al 2005 [76])

- a) Class 1=Unlikely to cause patient discomfort/clinical deterioration
- b) Class 2= moderate discomfort/clinical deterioration
- c) Class 3= severe discomfort/clinical deterioration