

Appendix 1. ECPIS classification

1. ECPIS

Adverse Drug Reaction

Yes

No

***Drug name**

***Dosage form**

***Averse drug type**

Dose related

Allergic

Idiosyncratic

Drug Drug interaction

***Drug one**

***Dosage form one**

***Drug two**

***Dosage form two**

***Type of interaction**

Pharmacodynamic

Pharmacokinetic

Pharmaceutical

Dispensing

Yes

No

Monitoring

Yes

No

If yes, drug name

Patient Adherence

Yes

No

Unavailability Of Drug

Yes

No

Dosing

Yes

No

***Drug name**

***Type**

Dose

Frequency

Route

Rate

Drug Food Interaction

Yes

No

Drug Lab Interaction

Yes

No

Contraindication

Yes

No

Others

Action Of Pharmacist

Correct The Dose

Patient Education

Advice Lab Correction

Change Time Interval

Suggest Monitoring

Advice Food Correction

Suggest Alternative

Stop The Drug

Nurse Education

Other

Response Of Doctors

Yes

No

No comment

2. Medication Errors Report form

***In which process did the error occur?**

(categorization of medication error)

Prescribing

Transcription

Administration

Monitoring

***If in the prescribing process then,**

Prescription written on wrong patient

Prescription written for wrong drug

Prescription written with wrong dose or dose not adjusted

Prescription for wrong route of administration

LASA medication

Was error intercepted before reaching patient

***If during transcription then,**

Prescription transcribed on wrong patient

Prescription transcribed for wrong drug

Prescription transcribed with wrong dose

Prescription transcribed for wrong route of administration

LASA medication

Was error intercepted before reaching patient

***If during the administration then**

Medication administered to wrong patient

Wrong medication administered to patient

Wrong dose administered

Medication administered at wrong time

Medication administered via wrong route

Was error intercepted before reaching patient

Monitoring

***If during monitoring then**

Necessary monitoring not ordered

Necessary monitoring not performed

Monitoring result not noted or acted upon

***Medication class**

Gastrointestinal

Cardiovascular

Respiratory and Antihistamine

CNS

Anti-infective

Antineoplastic or immunosuppressive

Autonomic

Blood or blood formation and coagulation

Hormones

Electrolyte and water balance

Eyes, ears, nose, throat

Diagnostic or radioactive

***Possible causes of medication error**

Patient knowledge deficiency

Medication knowledge deficiency

Non-adherence to policies and procedures

Miscellaneous

***If patient knowledge deficiency then**

Allergy information not available

Allergy information not noted

Concomitant medications not available

Concomitant medications not noted

Concomitant conditions not available

Concomitant conditions not noted

Lab values not available

Lab values not noted

Clinical information not available

Clinical information not noted

***If medication knowledge deficiency then**

Indications for medication use

Available dosage forms

Appropriate dosing guidelines

Appropriate routes of administration

Drug compatibility

***If non-adherence to policies and procedures then**

Use of abbreviations in medication ordering

Incomplete medication ordered processed

Established treatment protocol deviation

Established pharmacy policy deviation

Drug delivery problem (dispensing delay)

Non-standard dosing schedule used

Medication borrowed from another patient

Patient identification not checked

Drug preparation error

Miscellaneous

***If miscellaneous then**

Illegible physician handwriting

Memory lapse

Drug unavailability problem

Equipment failure