

Medication Error & Near Miss Reporting



Basic Medication Safety (BMS) Certification Course
King Saud bin Abdulaziz University for Health Sciences, Ministry
of National Guard – Health Affairs

Learning Objectives

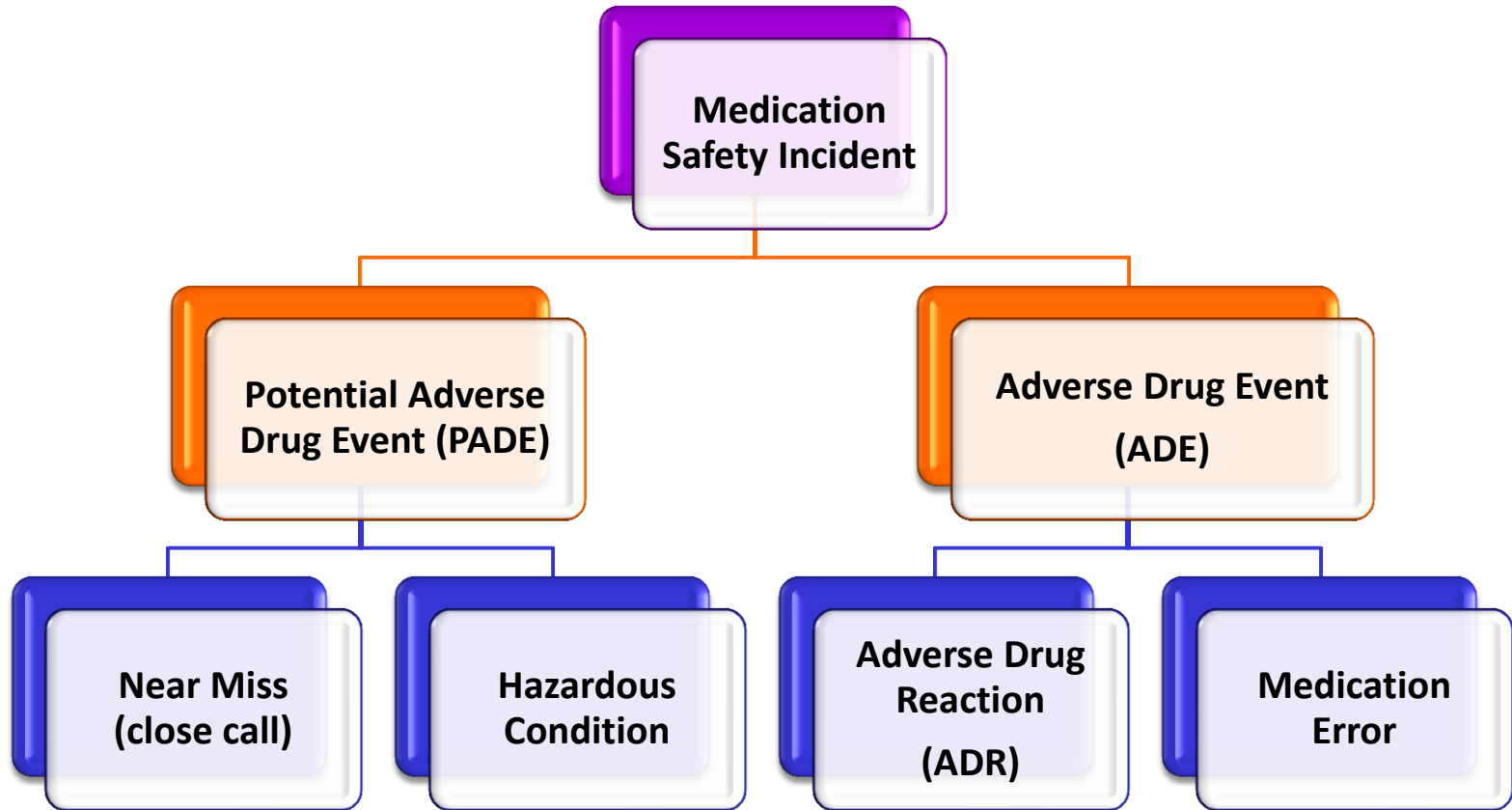
- Explain the reasons for reporting medication safety incidents
- State the types of reportable medication safety incidents
- Submit relevant information when reporting medication safety incidents
- Recall the local medication errors / near misses data
- Explain the mistake lesson learning cycle

Why Report?

- Ethical / medico-legal obligation
- Help identify hazards and risks in the system
- Sharing and learning



What to Report?



Source: AMNCH Tallaght: Medication Safety Incident Reporting Policy DTC4/2002

Examples of Medication Errors

- ❑ Prescribing errors
- ❑ Dispensing and preparation errors
- ❑ Administration errors
- ❑ Monitoring and dose adjustment errors
- ❑ Wrong patient
- ❑ Wrong medicine
- ❑ Wrong formulation
- ❑ Wrong calculation
- ❑ Wrong dose and frequency
- ❑ Wrong rate of administration
- ❑ Wrong route
- ❑ Known medication allergy
- ❑ Expired medicine
- ❑ Omitted and delayed medicine doses

Rapid Response Report NPSA/2010/RRR009: Reducing harm from omitted and delayed medicines in hospital

February 2010

Review of evidence of harm

Table 1 below shows the clinical outcomes of incident reports of omitted or delayed medicine reported to the RLS between **29 September 2006 and 30 June 2009**. (RLS datafields IN05=medication incident and MD02=omitted or delayed medicine†).

Table 1


Care Setting	Clinical Outcome of Incident Reports					Total
	Death	Severe Harm	Moderate	Low	No Harm	
			Harm	Harm		
Acute / general hospital	27	68	975	4,430	13,027	18,527
Community nursing, medical and therapy service (incl. community hospital)			67	239	1,211	1,517
Mental health service			33	150	1,156	1,339
Total	27	68	1075	4819	15394	21,383

What Information to Report?

- **Just the facts** - include a factual description of what happened, how it happened, why it happened and the patient outcome
- Include names of products if the event involves a problem with labeling or packaging
- Include any additional patient monitoring or testing performed or medications administered as a result of the event




How to Report?

 Saudi Reporting System

LOGIN TO SRS

Safety Report (SR)

Any undesired incident that may affect patient, employee, family member, visitor, facility, equipment and/or property; which is not consistent with the standard operations/care. These incidents may cause actual injury/damage, or have potential to cause injury, loss of function, or death.





Application Account


Username:


Password:


LOGIN



Adverse Drug Reaction



Pain Management



Blood/Blood Product



Care Coordination



Diagnosis/Treatment



Diagnostic Imaging



Equipment/Medical Device



Fall Event



ID/Documentation/Consent



Infection Control



IV/Line/Tube Device



Lab Specimen/Test



Maternal / Childbirth



Medication/Fluid


Professional Conduct

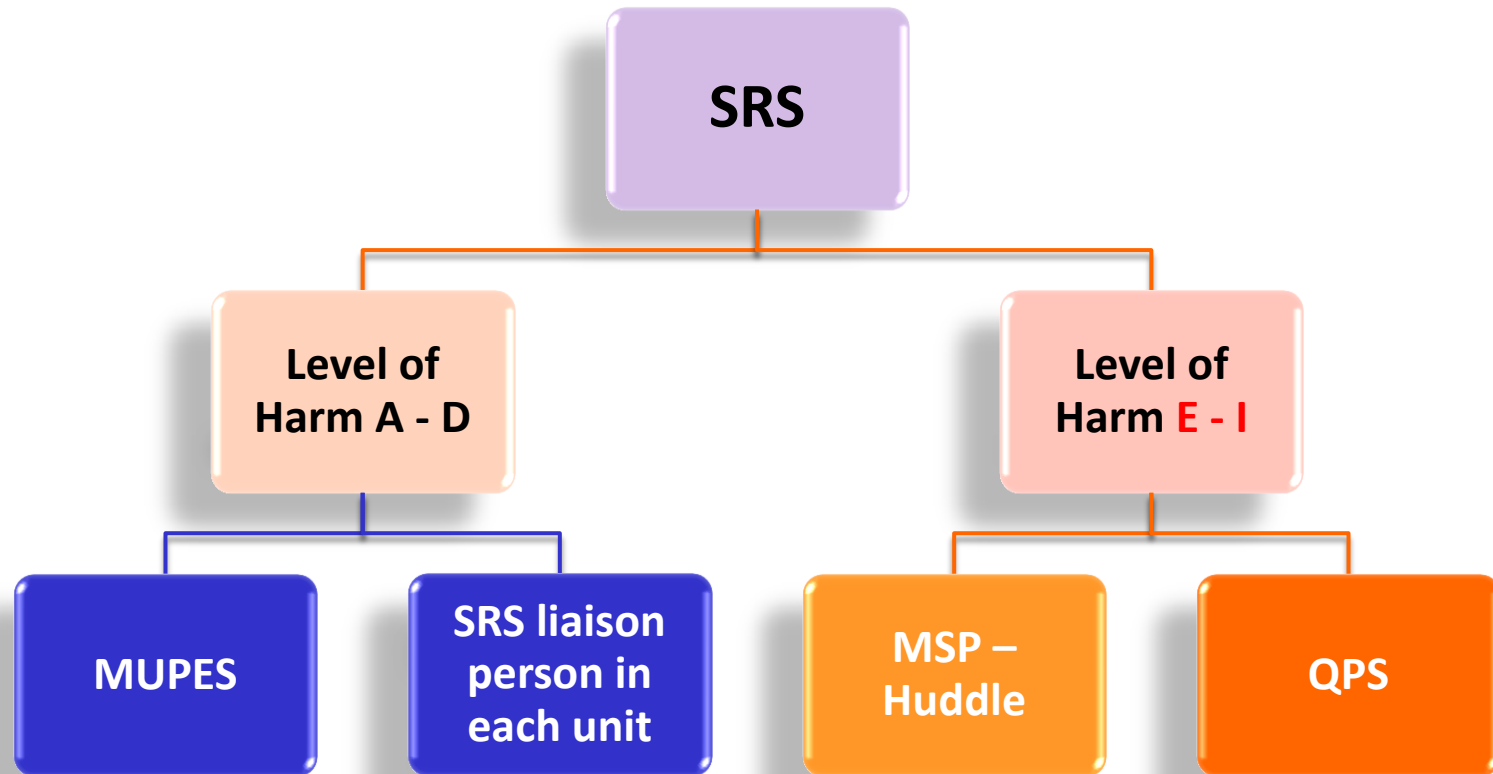

Environmental Safety/Security


Skin/Tissue


Surgery/Procedure


Research Serious Adverse Event

What Happens to the Report?



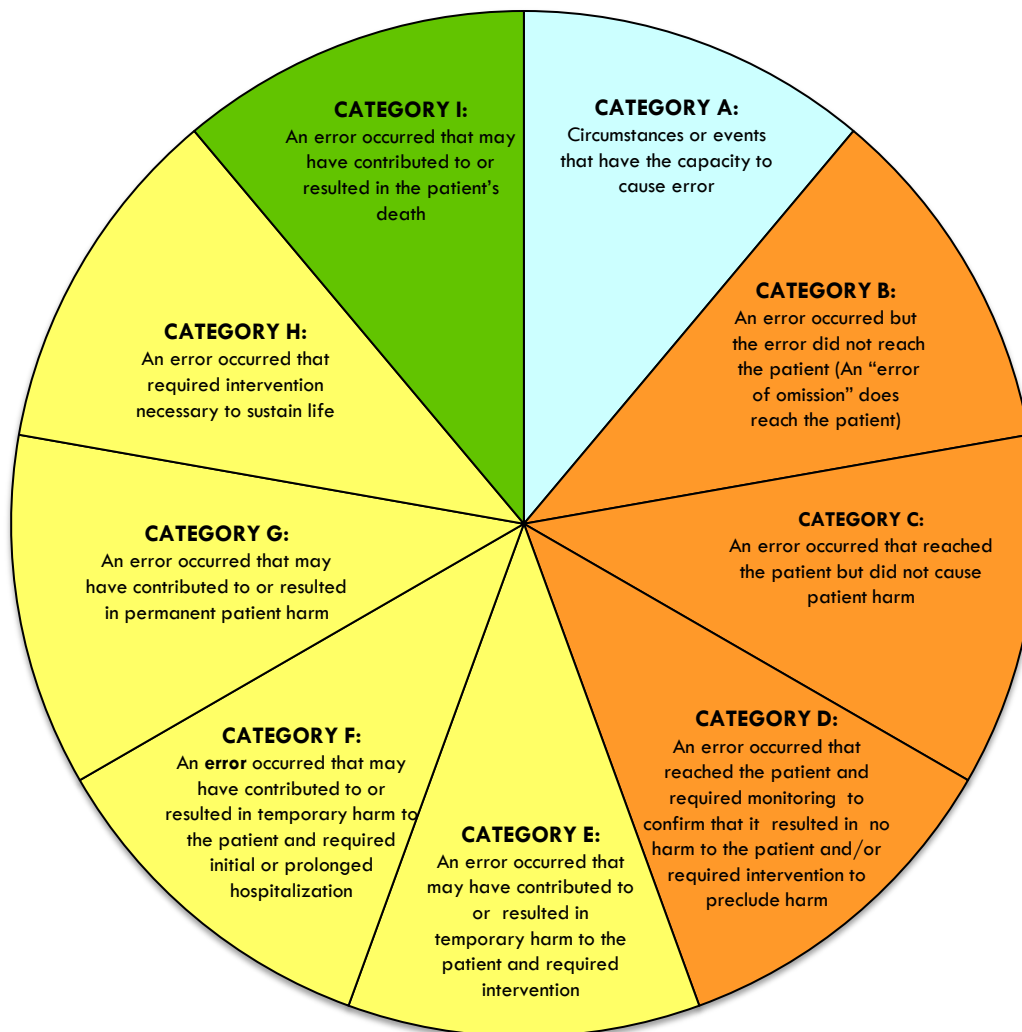
What Happens to Me?

- MNG-HA adopts a **“Just Culture”** approach in error reporting:
 - Creating an open, fair, and just culture
 - Creating a learning culture
 - Designing safe systems
 - Managing behavioral choices



APPENDIX C

NCC MERP Index for Categorizing Medication Errors



DEFINITIONS:

Harm

Impairment of the physical, emotional or psychological function on structure of the body and /or pain resulting therefrom.

Monitoring

To observed or record relevant physiological or psychological signs.

Intervention

May include change in therapy or active medical / surgical treatment.

Intervention Necessary to Sustain Life

Includes cardiovascular and respiratory support (e.g., CPR, Defibrillator, Intubator, etc.)

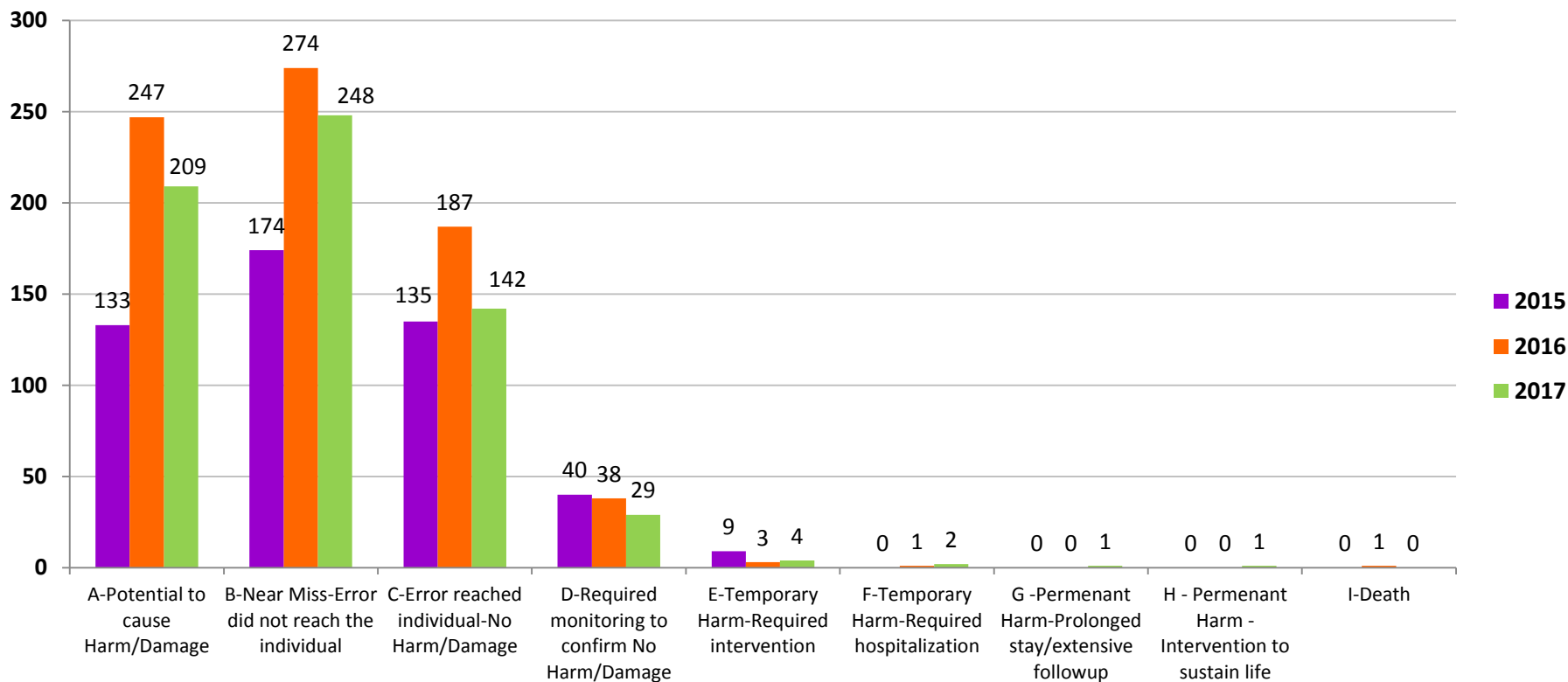
- No Error
- Error, No Harm
- Error, Harm
- Error, Death

Medication Error and Near Miss

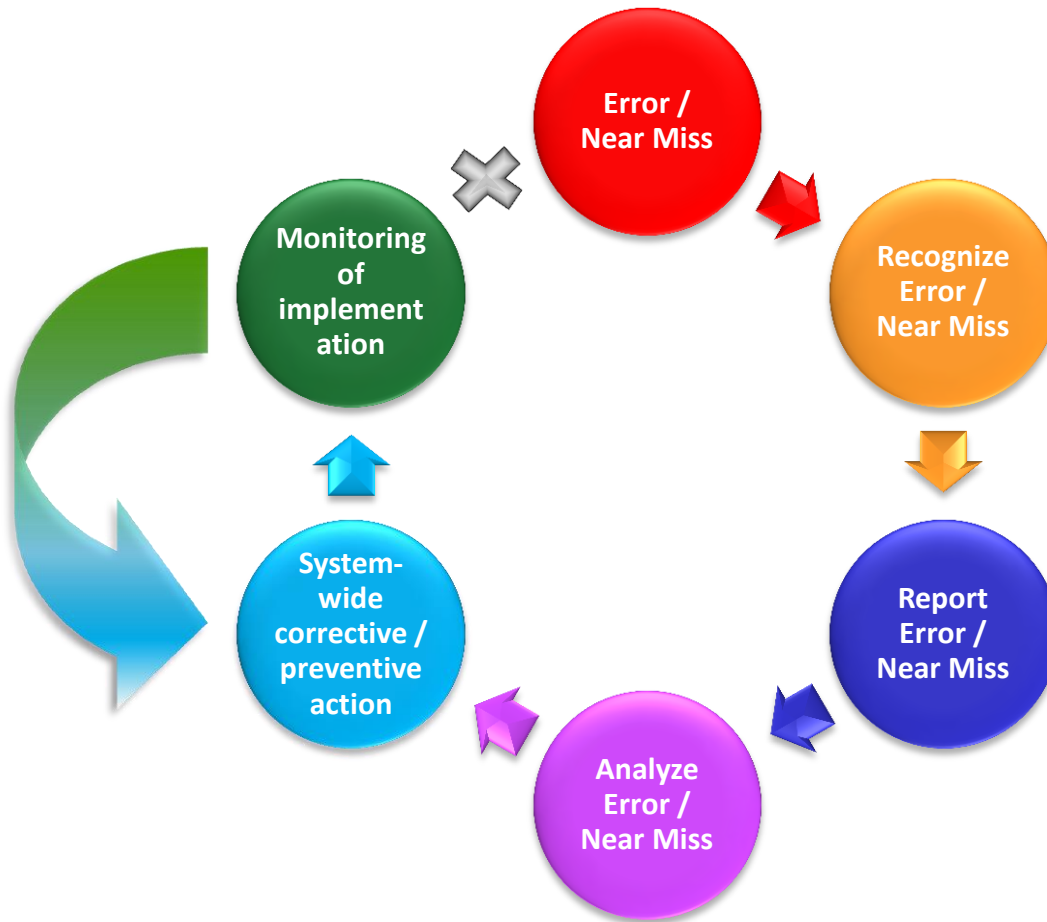
Harm Category

January – December 2017: Central Region

Total number = 682



What Did We Learn from the Data?



Lesson Learning Cycle

Overall Lessons Learned

Medication Safety is a Team Sport



Safe Patient Care Is Our Goal