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 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?

Why Reporting

Safety Reporting system (SRS) helps us to assess process/system failures and identify ways in which we can reduce adverse incidents from recurring.
How to Report?
What Happens to the Report?
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
Number of Medication Error at KAMC - Riyadh from Jan 2013 – Nov 2015

- Pharmacy Allergy Awareness Campaign
- Cefuroxime allergy incident
- SRS campaign/Good Catch Program
- Ramadan & Summer Holiday
- Hajj Holiday
- MSP Allergy Awareness Campaign
- SRS Campaign/Reporting Harm
- MERS-CoV Outbreak

Number of Medication Error:
- From Jan 2013 to Nov 2013:
  - Jan-13: 81
  - Mar-13: 112
  - May-13: 129
  - Jul-13: 106
  - Sep-13: 100
  - Nov-13: 89
- From Jan 2014 to Nov 2015:
  - Jan-14: 140
  - Mar-14: 218
  - May-14: 258
  - Jul-14: 205
  - Sep-14: 217
  - Nov-14: 179
  - Jan-15: 187
  - Mar-15: 249
  - May-15: 240
  - Jul-15: 206
  - Sep-15: 188
  - Nov-15: 199

Number of Medication Error at KAMC - Riyadh from Jan 2013 – Nov 2015.
Medication Error and Near Miss: Harm Category

January – December 2014: Central Region

Total number = 2079
What Did We Learn from the Data?

Lesson Learning Cycle

1. Error / Near Miss
2. Recognize Error / Near Miss
3. Report Error / Near Miss
4. Analyze Error / Near Miss
5. System-wide corrective / preventive action
6. Monitoring of implementation
7. Error / Near Miss

What Did We Learn from the Data?
Overall Lessons Learned

Medication Safety is a Team Sport
“Mistakes are the portals of discovery”

James Joyce
Safe Patient Care Is Our Goal