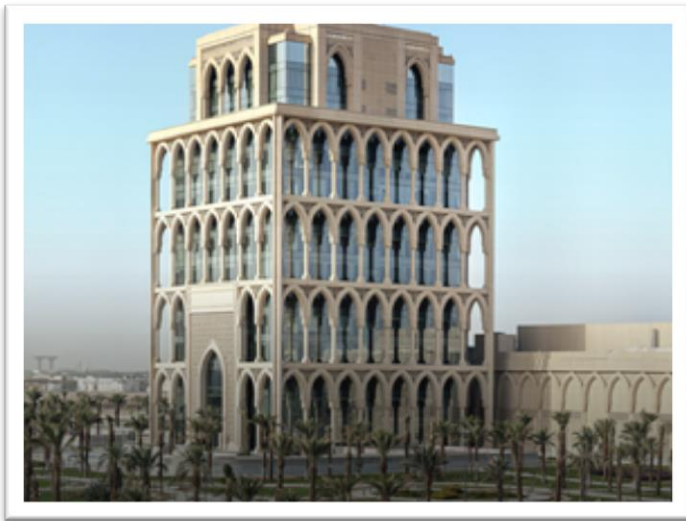


Basic Medication Safety (BMS) Course

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

Introduction to the Basic Medication Safety (BMS) Course



Preventable Hospital Deaths

- In the US there are 44,000 – 98,000 preventable deaths / year from medical errors
- This is similar to:
 - ▣ Crashing 106 Boeing 747-400s
 - ▣ Crashing 2 planes a week, all year long



IOM. To Err is Human – Building a Safer Health System. Washington DC: The National Academies Press; 2000



What will 106 Boeing “Jumbo Jets” look like over one year?



Revised Estimate

The IOM estimate published in 2000 was based on 1984 data; the basis of the estimate is nearly 3 decades old; an updated estimate developed from modern studies published from 2008 to 2011 puts the figure at about **440,000 preventable deaths / year from medical errors in the US.**

James JT. J Patient Saf 2013;9: 122-128.

Statistics

- Chance of being harmed in an aircraft?

1 in 1,500,000*

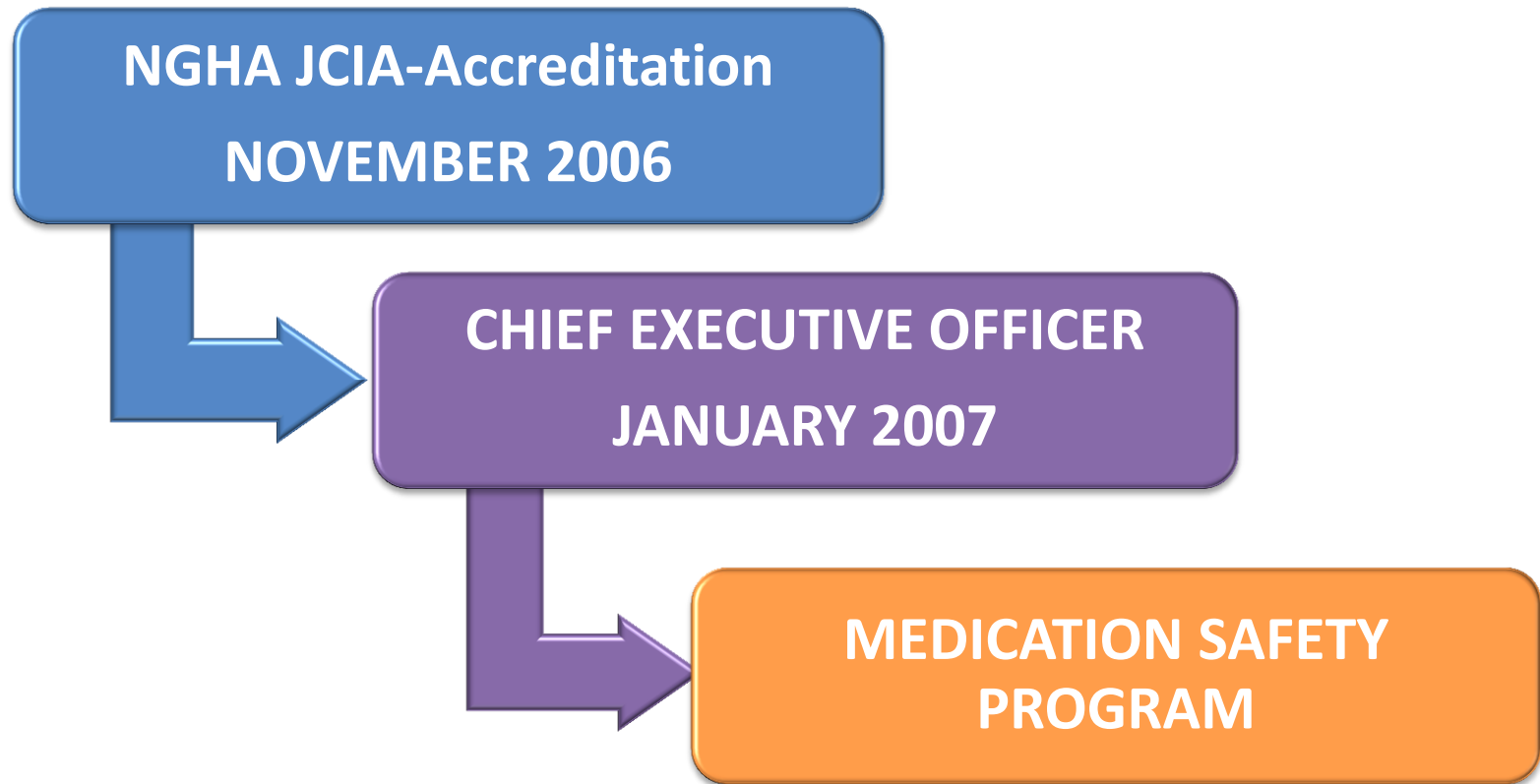
- Chance of being harmed in a hospital?

1 in 4*

* **CNN report 2014**

* ***N Engl J Med.* 2010; 363: 2124-2134**

Initiative of Medication Safety Program (MSP)



Guidelines of BMS Course

- Certification is mandatory for all healthcare providers, involved in medication use process
- Approved by Saudi Commission for Health Specialties for CME hours
- Certification is valid for two (2) years
- At present, the Certification Course is paid for by the organization

Goals of BMS Course

- Enhance the knowledge of the healthcare providers about medication safety
- Promote Safe Medication Practices
- Promote a Just Culture for reporting and managing medication errors

Basic Medication Safety (BMS) Course

- **January 2008:**

Proposal made to the Institute for Safe Medication Practices (ISMP) for establishment of a “BMS” course for Nurses

- **29 June 2008:**

1st BMS Certification Course for Nurses

- **30 June 2008:**

1st Saudi International Medication Safety Conference



May 2009

The Institute for Safe Medication Practices (ISMP) has endorsed this program on Basic Medication Safety



Institute for Safe
Medication Practices
a nonprofit organization

September 2010
Initially Accredited by



Saudi Medication Safety Center
المركز السعودي لسلامة الأدوية

- Global presence at the (IMSN):
 - ▣ Dublin, Ireland; November 2007
 - ▣ Copenhagen, Denmark; October 2009
 - ▣ Ouro Preto, Brazil; September 2010
 - ▣ Hong Kong; November 2011
 - ▣ Abu Dhabi, UAE; November 2012
 - ▣ Paris, France; October 2013
 - ▣ Singapore; October 2014
 - ▣ Cartagena, Colombia; October 2015

<http://www.intmedsafe.net/>

Basic Medication Safety (BMS) Course

The **Basic Medication Safety (BMS) Course** developed in 2008 by the **Saudi Medication Safety Center (SMSC)** is designed for any healthcare provider involved in the medication use process - e.g., physicians, dentists, pharmacists, nurses, respiratory therapists, etc.

Certification is valid for a period of two years, after which time it must be renewed.

The Course curriculum is revised every two (2) years.



The learning objectives of the BMS course are to:

- Identify Human Factors associated with medication errors
- explain the concept of a Just Culture
- review definitions related to medication safety
- discuss the impact of latent failures on medication safety

The Basic Medication Safety (BMS) Course Agenda

2016 PowerPoint Lectures

- | | |
|--|--------------------------|
| • Introduction to the Basic Medication Safety (BMS) Course | Download |
| • Overview of Medication Errors | Download |
| • Look-Alike & Sound-Alike Medications & Error-Prone Abbreviations | Download |
| • Allergy Status - Identification and Documentation | Download |
| • High Alert Medications & Concentrated Electrolytes | Download |
| • Safeguards to Prevent Medication Errors | Download |
| • Medication Error & Near Miss Reporting | Download |
| • Clinical Pearls & Take Home Messages | Download |

[IMSN satellite meetings](#)

[Medication safety curricula](#)

[Medication Safety: an International Experience](#)

[Practicum in Medication Safety for International Practitioners](#)

[Basic Medication Safety \(BMS\) Course](#)

[WHO Education & Training](#)

[IMSN members events](#)

SEARCH

Safe Patient Care Is Our Goal