

# **Medicare Patient Safety Monitoring System**

**MPSMS**

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**“Nothing in all the world is more  
dangerous than sincere  
ignorance and conscientious  
stupidity.”**

**Martin Luther King Jr., Strength to Love, 1963**

# MPSMS Goal:

Establish, within the Medicare population, the incidence of adverse events in selected measures

Safety:

the condition of being free  
from harm, injury, or loss

# Patient Safety:

the condition or act of freeing patients from the risk of harm, injury, or loss inherent from their interaction with the health care delivery system independent of the risk of harm, injury, or loss imposed from their particular disease process

# MPSMS Methods

- Random sample of Medicare inpatient fee-for-service discharges
- Creation of an explicit algorithm to define and adverse event
- Algorithm testing
- Record abstraction dissociated from adverse event analysis

# **MPSMS Topics: Production & Developmental**

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- **Blood Stream Infections**
- **CVC adverse events**
- **Hip Joint adverse events**
- **Knee Joint adverse events**
- **Postoperative pneumonia**
- **Postoperative DVT/PE**
- **Postoperative UTI**
- **Ventilator Associated Pneumonia**
- **Adverse Drug Events**
- **Pressure Ulcers**
- **Postoperative Cardiac Events**
- **Hospital Falls**
- **Angiographic adverse events**

## INTENT:

"The difference between the right word and the almost right word is the difference between lightning and a lightning bug."

Mark Twain



# Patient Safety:

the condition or act of freeing patients from the risk of harm, injury, or loss inherent from their interaction with the health care delivery system independent of the risk of harm, injury, or loss imposed from their particular disease process

# Fault Tolerance

“We cannot change the human condition, but we can change the conditions under which humans work”

James Reason

## RELEVANCE:

“Not everything that can be counted counts, and not everything that counts can be counted.”

Albert Einstein

# MPSMS Topics

- Common
- Culpable
- Capable
- Catchable
- Correctable

# MPSMS Topics

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## Production:

- **Blood Stream Infections\***
- **CVC adverse events\***
- **Hip Joint adverse events**
- **Knee Joint adverse events**
- **Postoperative pneumonia**
- **Postoperative DVT/PE\***
- **Postoperative UTI\***
- **Ventilator Associated Pneumonia\*\***

\* Greatest Strength of Evidence

\*\* High Strength of Evidence

\*\*\* Medium impact and strength of evidence

## Pre-production:

- **Adverse Drug Events\*\***
- **Pressure Ulcers\***
- **Postoperative Cardiac Events\***

## In Design

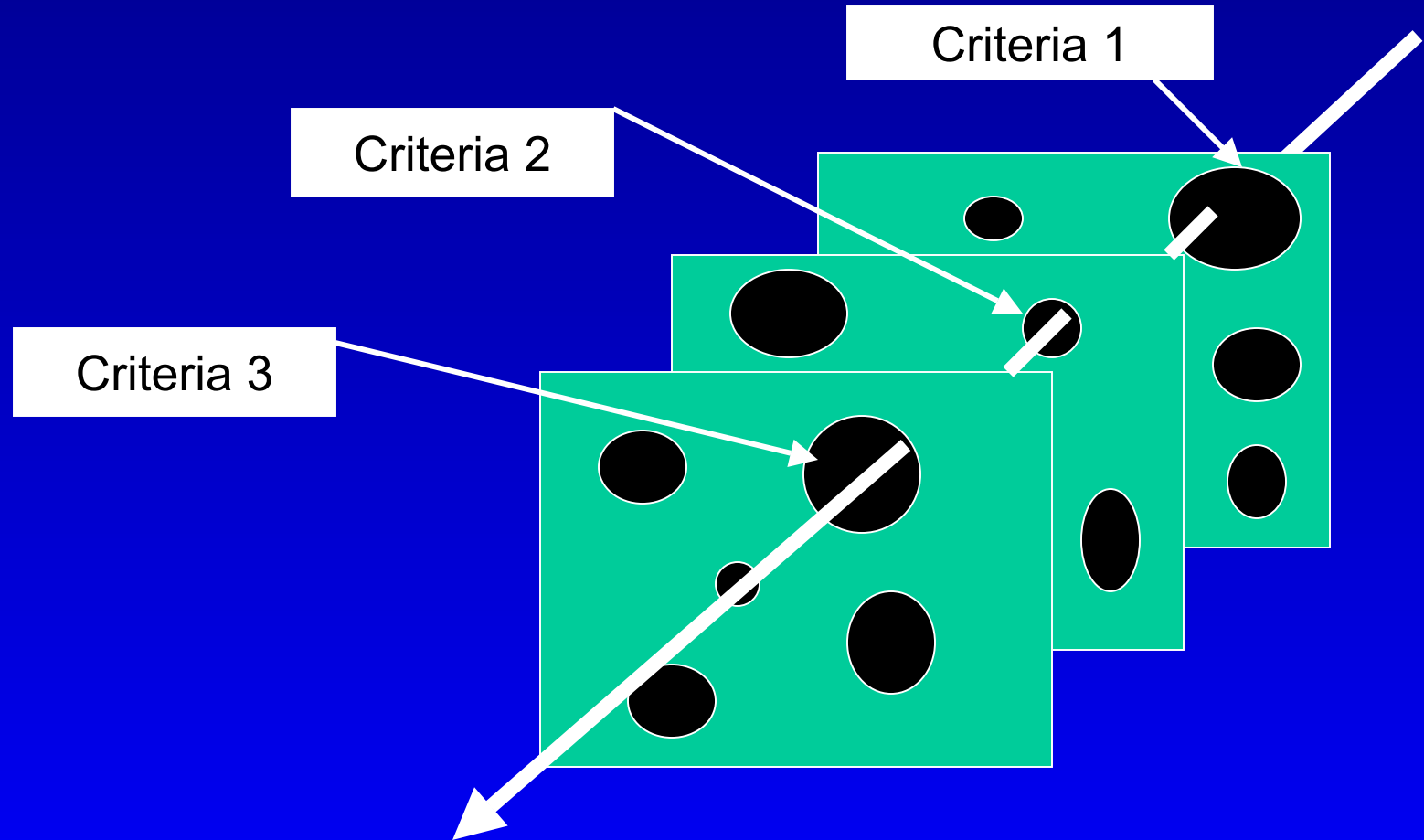
- **Hospital Falls\***
- **Angiographic adverse events\*\*\***

# TRANSPARENCY:

**“I shall not today attempt further to define the kinds of material I understand to be embraced within that shorthand description; and perhaps I could never succeed in intelligibly doing so. But I know it when I see it..”**

**Justice Potter Stewart, *Jacobellis v. Ohio*, 878 U.S. 184 (1964)**

# Explicit Review and Reason Model



# MPSMS: Intent, Relevance, Transparency

**“Doubt is uncomfortable, certainty is ridiculous”.**

**-- Voltaire**