Introduction: Incident Learning to Affect Change

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Disclosures

- None

Historical Perspective

1999
ICM Report

2005
PSOs are formed

2014
IAEA SAFRON system launched

2019
5 years of RO-ILS

2012
IAEA SAFRON system launched

2014
RO-ILS launched

2019
RO-ILS

Patient Safety and Quality Improvement Act of 2005

'99

'10

'12

'14

'19

RO-ILS

SAFRON

system

launch

launched
QI: National Standards

✓ “Each department should have a department-wide review committee which monitors quality problems, near-misses and errors.”

✓ “Employees should be encouraged to report both errors and near-misses.”

Safety is No Accident, Zietman et al. 2012

QI: National Standards

A key component of practice accreditation
Recent Developments

- Culture of safety: measurement
- AI methods in safety
- Peer support
- Education

Safety Program for Residents

A patient safety education program in a medical physics residency

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Recent Developments

- Culture of safety: measurement
- AI methods in safety
- Peer support
- Education
- AAPM website landing page
AAPM Summer School 2020

“Advances in Quality Assurance”
June 2020
Directors: E. Ford, M. Miften
Learning Objectives for This Session

1. Develop effective corrective actions to mitigate potential incidents and near misses.
2. Apply systems thinking to quality initiatives such as error mitigation and compliance with accreditation standards.
3. Appreciate the value of national incident learning.

Speakers

• Samantha Hedrick, PhD “Proton Therapy: Lessons Learned”
• Zoubir Ouhib, MS “What Happens When Someone’s Challenge Becomes Everybody’s Challenge”
• Suzanne Evans, MD “History Repeats itself: RO-ILS and the Efforts to Change the Future”

Thank You!
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