

RO-ILS: Safety culture and tuning up the clinic

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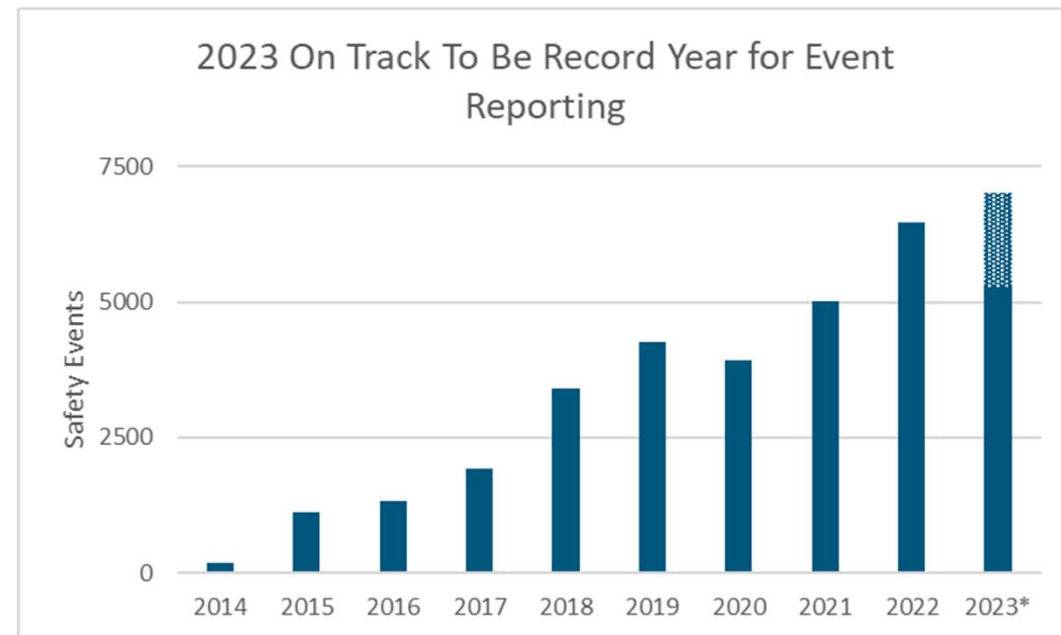
January 2024

AAPM SCC Mid-Winter Symposium

Slides modified from Bill Salter, PhD

Program Update

- Established program 9 years.
- Practices can be comprised of one or more facilities.
- **850+** facilities enrolled.
- **~35%** of U.S. facilities are enrolled.
- **32,000+** events have been reported to the PSO.



As of September 1, 2023

Background

Patient Safety and Quality Improvement Act of 2005 (PSQIA)

- Congress recognized the need to collect patient safety data in a protected space.

Patient Safety Organizations (PSOs)

- Entity with expertise in patient safety authorized to work with providers under the protections of PSQIA.

Privilege and Confidential Information

- Patient Safety Work Product (PSWP)*
- Privilege and Confidentiality
 1. Cannot be used for litigation.
 2. Cannot be used in disciplinary proceedings.
 3. Cannot be used as evidence in a legal proceeding.

Sole purpose must be for
quality and safety learning!

ILS Impact on Safety Culture

- **Having an “incident” learning system (ILS) has a significant impact on how radiation therapists perceive safety**
- **US National Survey of Radiation Therapists, 2016**
 - 1,500 randomly selected RTTs
 - 702 respondents in 48 states
 - “Patient Safety Grade” Excellent or Very Good strongly linked to use of an incident learning system (OR : 2.0)

Safety Culture and Adverse Events

- Favorable patient safety culture is associated with fewer adverse events in hospitals.
 - 7 of the 15 safety culture variables were related to increased in-patient adverse events (statically significant).
 - Moderate effect size (-0.15 to -0.41) for all variables.

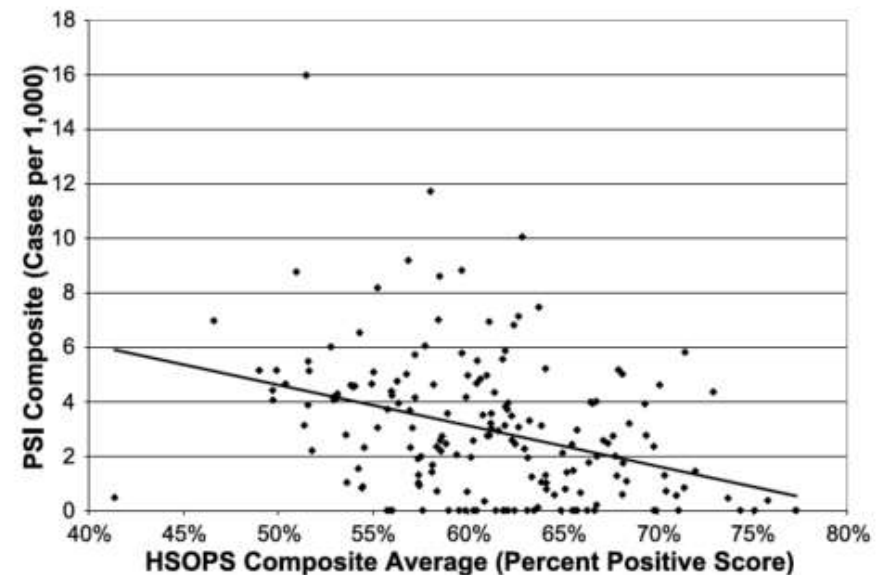


FIGURE 1. Scatter plot of PSI composite versus HSOPS composite average (N = 179).

Enrollment

Contracting

- Submit Enrollment Form
- Contract with Clarity PSO

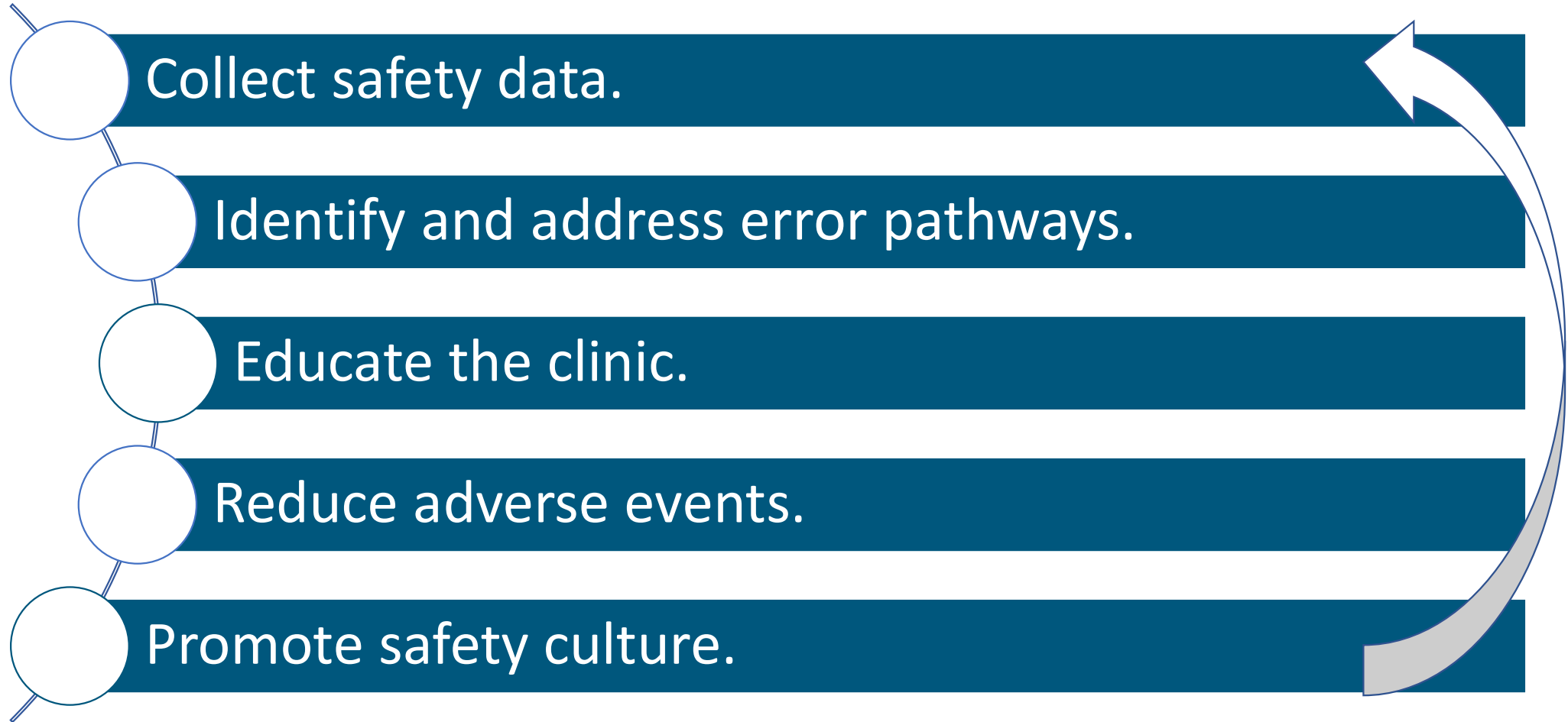
Onboarding

- Orientation
- Workflow
 - PSO

Implementation

- Share RO-ILS access with all staff
- Educate and empower all staff

Virtuous Cycle



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The mission of RO-ILS is to facilitate safer and higher quality care in radiation oncology by providing a mechanism for shared learning in a secure and non-punitive environment.