Strategies for Quality Improvement Based On RO-ILS Information

2017 AAPM Annual Meeting
WE-F-702

RO·ILS | RADIATION ONCOLOGY ®
INCIDENT LEARNING SYSTEM
Sponsored by ASTRO and AAPM
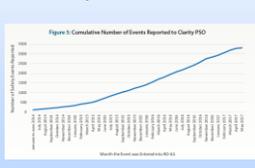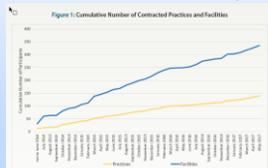

RO-ILS basics – how it works

- RO-ILS: Radiation Oncology Incident Learning System®
- ASTRO initiative, AAPM co-sponsors
- Run through Clarity PSO
    - "PSO" = Patient Safety Organization
    - Web-based, no IT support needed
    - No charge to users; but need to sign contract
    - Data is protected by law
- Can be used as a department's local ILS and as a comprehensive practice improvement system
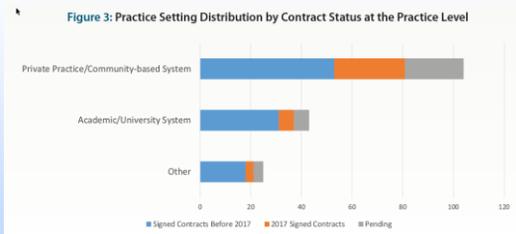
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RO-ILS: how large is it?

- Began June, 2014
- As of July 12, 2017
    - 147 practices covering 349 facilities
    - 3618 event reports in the system

Figure 1: Cumulative Number of Contracted Practices and Facilities

Figure 3: Cumulative Number of Events Reported to Clarity PSO

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Broad-based representation

Figure 3: Practice Setting Distribution by Contract Status at the Practice Level

Speakers today

- **The UCLA Experience with RO-ILS: Developing a Culture of Safety, Processes, and Metrics** - Nzhde Agazaryan, PhD
- **How RO-ILS works at the national level: methods and challenges in analyzing events** - Gary Ezzell, PhD
- **What have we learned from RO-ILS: Part 1 - before the patient is on the table** - Adam Dicker, MD
- **What have we learned from RO-ILS: Part 2 - after the patient is on the table** - Sheri Weintraub, MS
- **Strategies for Quality Improvement Based on RO-ILS Information** - Lakshmi Santanam, PhD

Disclosures

- Ezzell, Dicker, Weintraub, and Santanam are members of the group that reviews RO-ILS events and receive an honorarium for that work