

The Utility of ROILS “Case Study” Reports: A “Quick” Reading Guide

Brandon Chykirda, B.S.; Marissa J. Vaccarelli, M.S., DABR



Hofstra University and Northwell Health



INTRODUCTION

PURPOSE: To establish a “quick” reading guide in visual format of the published ASTRO ROILS “case studies” for radiation oncology professionals

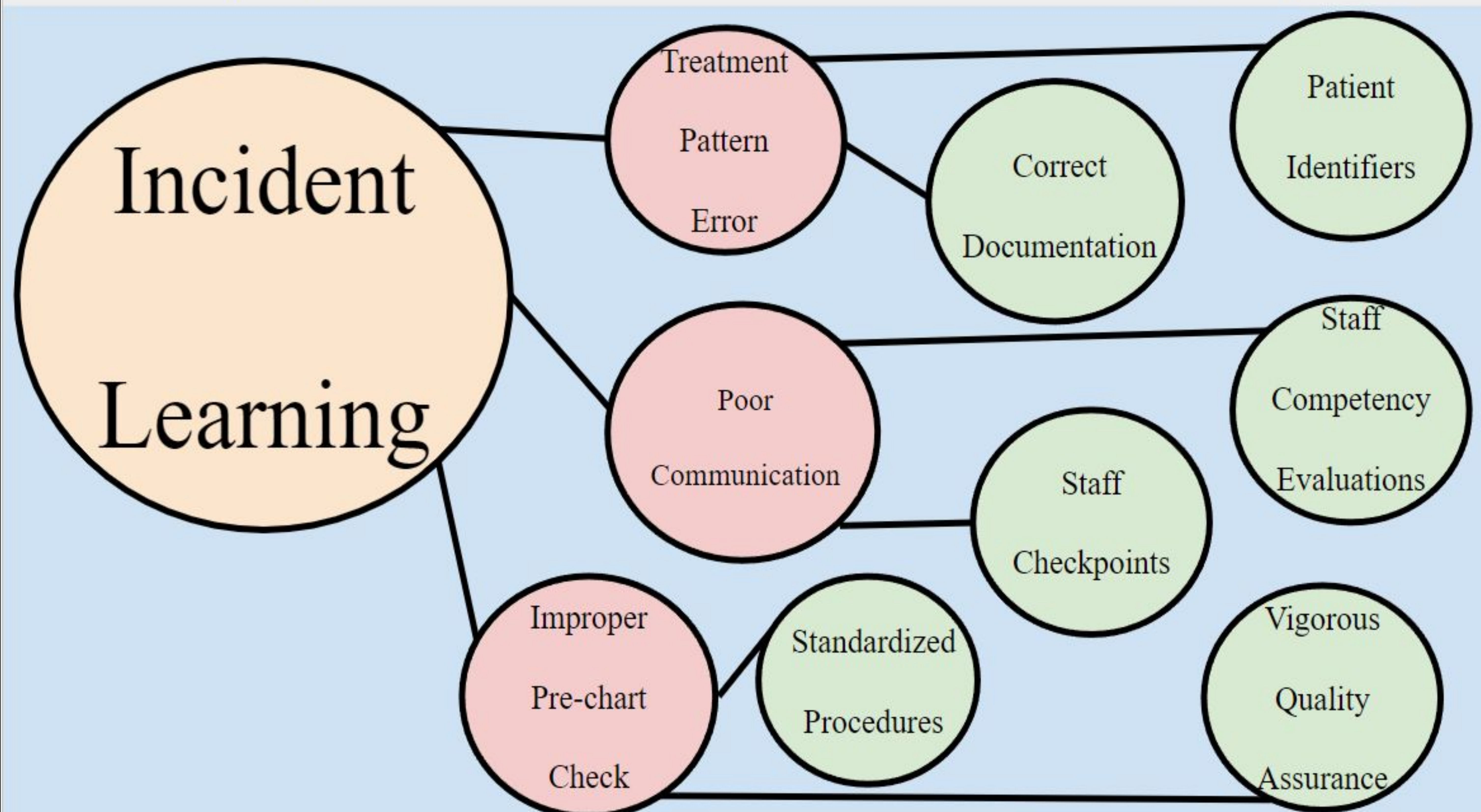
- Incident learning is a valuable way highlight common themes from prior events
- ROILS brings awareness of various workflows and systems from a variety of insitutions
- Review of “case studies” can aide in building stronger quality management programs

METHODS

- We reviewed ROILS “case study” reports #1-18 published on the ASTRO website
- After report review, we found common “root causes”
- From the common root causes, we started to generate our “quick” reading guide: a word map
- Lastly, key solutions were highlighted

RESULTS

Word Map Representation of Common Themes from ROILS “Case Study” Reports 1-18



DISCUSSION and CONCLUSIONS

- In creating the word map, we found 3 common “root causes” of treatment pattern error (1), poor communication (2), and improper pre- chart check (3)
- Proper documentation, staff checkpoints as well as standardization of procedures and workflows were key solutions
- Ability to understand ROILS “case studies” can also inform and empower clinical professionals to evaluate their current quality management program

REFERENCES

RO-ILS Education - American Society for Radiation Oncology (ASTRO) - American Society for Radiation Oncology (ASTRO).
ASTRO.
<https://www.astro.org/patient-care-and-research/patient-safety/ro-ils/ro-ils-education>

Brandon Chykirda, B.S.
bchykirda1@pride.hofstra.edu

Marissa J. Vaccarelli, M.S, DABR
mvaccarelli1@northwell.edu