

Improving Casefinding Using Epic Reports

Problem Statement

- Epic Crystal reports, used for Casefinding, are scheduled to be eliminated.
- Initial Casefinding process requires the review of all pathology reports, resulting in a heavily manual process to determine Cancer diagnosis.

Objective

- Create Epic workbench report to perform Casefinding specific to oncology cases.
- Reduce the number of non-applicable cases brought by Epic Casefinding report.
- Decrease manual time spent to perform Casefinding for WellSpan facilities.

Methodology

Determine flaws in current report logic. Identify options for improvement.



Develop Epic workbench report for Casefinding.

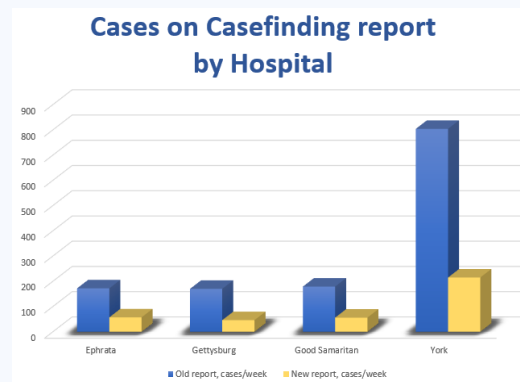
Expand Epic workbench report use systemwide.

Validate the quality of the new report.

Initial Results

- Ability to identify all applicable cases, while reducing the overall volume by 71.8%.
- Led to a 14.43 hour/week reduction of time spent on Casefinding.
- Process efficiencies allows the team to implement additional Quality Control processes.

WellSpan Hospital	Old report, cases/week	New report, cases/week
Ephrata	172	57
Gettysburg	170	46
Good Samaritan	179	56
York	804	215
Grand Total	1325	374



Current and Future State

- Implementation of an additional source of Casefinding to routinely monitor infusion patients.
- Continuing coordination with pathology team to ensure terminology accuracy.
- Investigating Epic workbench report logic for additional opportunities to reduce overall case volume while sustaining quality.
- Analyzing AI tools to facilitate future automation.