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.

**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.

<table>
<thead>
<tr>
<th>WellSpan Hospital</th>
<th>Old report, cases/week</th>
<th>New report, cases/week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ephrata</td>
<td>172</td>
<td>57</td>
</tr>
<tr>
<td>Gettysburg</td>
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<td>46</td>
</tr>
<tr>
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<td>56</td>
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<tr>
<td>York</td>
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<td>215</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td><strong>1325</strong></td>
<td><strong>374</strong></td>
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