

# Piedmont Healthcare: Taking a CDI program to victory

Piedmont Healthcare, Atlanta

## Solventum technologies

- Solventum™ 360 Encompass™ Clinical Documentation Integrity System

## Health system snapshot



Private, not-for-profit organization



Serving communities that comprise 80% of Georgia's population



22 hospitals, 55 Piedmont urgent care centers, 25 quick care locations



1,875 Piedmont clinical physician practice locations



More than 2,800 Piedmont clinic members

## The growth of a program

In 2012, Piedmont started its clinical documentation integrity (CDI) prioritization journey with just two facilities and four CDI specialists responsible for reviewing only Medicare cases. By July 2019, the program grew to include 11 facilities and more than 35 CDI specialists prioritizing cases using length of stay (LOS) and working diagnosis related group (DRG) for all payers except self-pay and charity care. With the additional facilities and staff the team switched to 100 percent remote work which allowed the CDI program more opportunities to sustain their success. By April 2020 when the COVID-19 pandemic hit, CDI specialists were already equipped using LOS and working DRG to prioritize all admissions except obstetrics, pediatrics and NICU cases.

Prior to implementing the Solventum Advanced CDI Prioritization feature of Solventum 360 Encompass, Piedmont Healthcare used the Solventum working DRG priority feature. The list created a challenge for the CDI specialists to truly find the most impactful cases, and led to the need for an evolved prioritization process.

*“We believed in looking to the future.”*

Lori Dixon  
Director of CDI  
Piedmont Healthcare

## Looking to the future

With the potential to find the most impactful cases, the Piedmont Healthcare team was excited to optimize other features in Solventum 360 Encompass. With the unique situation that COVID-19 presented, Piedmont Healthcare wanted to take the CDI program to the next level to achieve these goals.

With high admissions, mandated paid time off for employees and required review rates holding at 80 percent, “we believed in looking to the future,” said Lori Dixon, director of CDI. Knowing the staff did well at adjusting to changes, Piedmont Healthcare became an early adopter for the Solventum Advanced CDI Prioritization and Solventum™ Automatic Impact Feature features, part of Solventum 360 Encompass. Using these new features allowed the Piedmont Healthcare team to start:

- Reviewing the most impactful cases
- Prioritizing follow-up reviews
- Improving documentation with artificial intelligence (AI) auto-suggested codes and queries
- Simplifying the reconciliation process for accurate financial impact
- Reporting vital CDI metrics to administration and each individual CDI specialist

## Priority launch – Practice makes perfect

With COVID-19 in full swing, it was more important than ever to review cases that had the most potential to make a financial or quality impact. If the CDI teams were reviewing 80 percent of cases, leadership wanted to ensure that 80 percent truly needed to be reviewed.

Piedmont Healthcare decided to start with the Solventum default settings for prioritization and emphasized education up front, including weekly leadership meetings and monthly manager meetings to review the CDI scorecard with productivity expectations. The team also set up regional super users who chose the layouts of the worklist columns, created workflow job aids and presented education.

These changes resulted in Piedmont Healthcare’s CDI specialists being assigned one case at a time based on the highest priority score and follow ups were only assigned as needed, which eliminated unnecessary reviews. Case lists were re-prioritized automatically, as opposed to a manual process, to continuously place the highest priority cases at the top of the list. The CDI specialists team increased their average initials per day from 10 to more than 12 and re-reviews from 25 to 30 per day.

## Real results



**3000**

principal diagnoses impacted



**6,600**

MCCs added



**4,500**

CCs added



**193**

procedures added



**Reduction**

in the number of unnecessary cases reviewed



**15%**

financial impact increase

## Teams and technology working together

In 2020, when the prioritization feature was turned on, Piedmont Healthcare also started using the Solventum Automatic Impact feature. The CDI team was educated on different query scenarios for missing diagnosis, clinical validation, present on admission (POA) and the necessary reconciliation steps. Having Solventum Automatic Impact allowed managers to validate impactful cases and do case reconciliation concurrently before the bill dropped, saving valuable time each month. Gail Hagle, clinical documentation manager, said, “there was a learning curve over the next months supported by ongoing department, team and one-on-one education, which supported the successful use of the impact ROI tab.”

Piedmont Healthcare collaborated with both Solventum and Epic to make sure the coder’s Epic estimated reimbursement interfaced directly into Solventum 360 Encompass.

## CDI for the win

After two years of implementing both Solventum Advanced CDI Prioritization and Solventum Automatic Impact, Piedmont Healthcare saw an increased value in fiscal year 2022. This led to an estimated 15 percent financial impact increase on claims reimbursement, all while maintaining the number of admissions reviewed (~73,000), query rate (25 percent) and physician response time (1.5 days).

### Keys to success



CDI scorecard with productivity expectations



CDI and coding buddy system



Facility physician advisors



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