



## Introduction

SmarterDx increases hospital revenue and quality metrics with minimal operational cost and with no risk. We help your Clinical Documentation Improvement and Physician teams capture every important diagnosis in every chart by solving three critical challenges:

Challenge	SmarterDx
Skipping over charts because of too few staff	<b>Detect missed diagnoses in all charts with machine learning</b> Use machine learning to infer missed diagnoses from every chart, every day. We go beyond NLP and gain clinical context from labs, vitals, meds, and other data.
Challenging for CDI staff to maximize quality metrics	<b>Provide guidance with built-in quality and revenue impact</b> Give staff direct insight into each missed diagnosis and its impact on MS-DRG, APR-DRG, PSI, Elixhauser, Vizient, and other metrics. Insights are individualized to the patient based on insurance.
Alarm fatigue reducing physician response rates	<b>Maximize physician action with embedded behavioral science</b> We maximize physician response by focusing on queries that have downstream quality and revenue impact. Physician response is automatically tracked in personalized performance reports.

## CDI and Prebill



Example of a diagnosis recommendation complete with the clinical evidence that justifies that diagnosis.

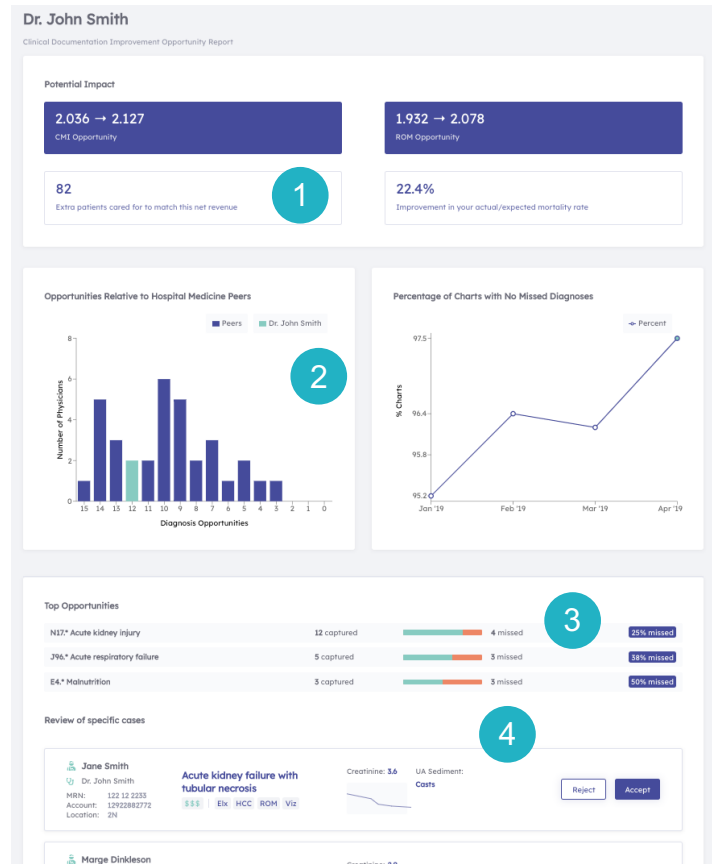
We reduce CDI and Prebill specialist review time from 20 minutes to 20 seconds per chart and provide the basis for direct-to-physician queries:

- 1. Detect missed diagnoses with machine learning.** CDI specialists can quickly confirm a list of recommended diagnoses instead of laboriously sifting through patient data, increasing the percentage of charts reviewed.
- 2. Provide guidance on quality and revenue.** Ensure that staff recognize and act on the full range of revenue and quality-impacting diagnoses - not just MS-DRG.
- 3. A single click generates a query with the appropriate clinical context.** Create an AHIMA-compliant query, complete with clinical context, in a single click.

## Education

We ingest historical data to create a physician education report that is highly individualized but can be disseminated broadly:

- 1. Provide physicians with the “why”.**  
Show each physician the impact of their documentation on measures that matter, like perceived mortality rate.
- 2. Display performance relative to past and peers.** Show physicians’ missed diagnosis rate relative to their division peers and to their historical performance.
- 3. Identify tendencies and needs.** Compare captured codes relative to the objective underlying data and identify repeat errors in documentation practice.
- 4. Show individual cases.** Identify specific cases where diagnosis was missed, allowing physicians to learn from real, personalized examples.



## Return on Investment

We will design a risk-free trial that’s right for you:

### Trial. Total cost: \$10K

#### Phase 1: Validate our advertised value

We take three months of historical clinical and billing data and show you the number and impact of diagnoses that we detected but were not coded.

#### Phase 2: Validate workflow improvements

Get full access to all modules for one month. We work with your teams to identify workflow metrics that make the benefit to the organization clear.

### Pricing. Total cost: \$180K (50% discount)

Module	Annual license cost (per 700-beds)
Education	\$60K
CDI & Prebill	\$300K
Innovation discount	(\$180K)
Setup	included
Support services	included
<b>Total</b>	<b>\$180K</b>