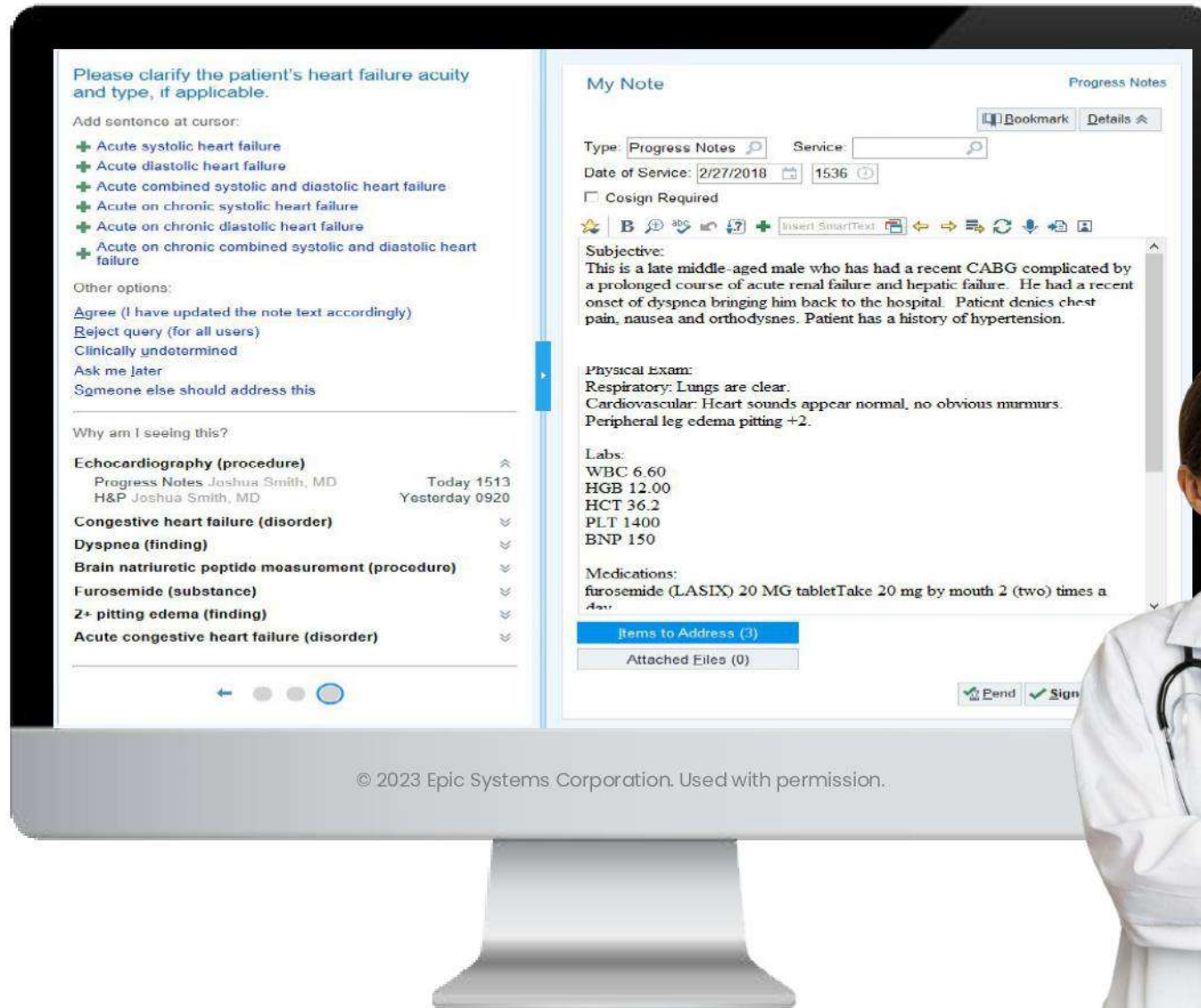


CAPD360 Insight For NoteReader CDI

Computer-Assisted Physician Documentation



Present

- Present queries as soon as possible while case details are still top of mind

Remain

- Remain completely in Epic so providers don't need toggle between screens

Ensure

- Ensure queries are clinically justified and compliant without over-prompts

Allow

- Allow query logic & workflow to be customized

Cover

- Cover Revenue, Risk and Quality Sensitive Diagnoses





Physician Workflow with CAPD360

Epic-Integrated Tools



Greater Physician Engagement

Doctor Gets Prompt in EHR

Concurrent Documentation
(while they are documenting)

Diagnosis In the Visit note

- 321% query compliance before discharge
- >120 CC/MCC/HCC/Quality Queries
- 50% Fewer Denials due to Changed Doc
- Proven 3% Revenue Increase

Manual or No Concurrent System (without HITEKS)



Current Inefficient Process

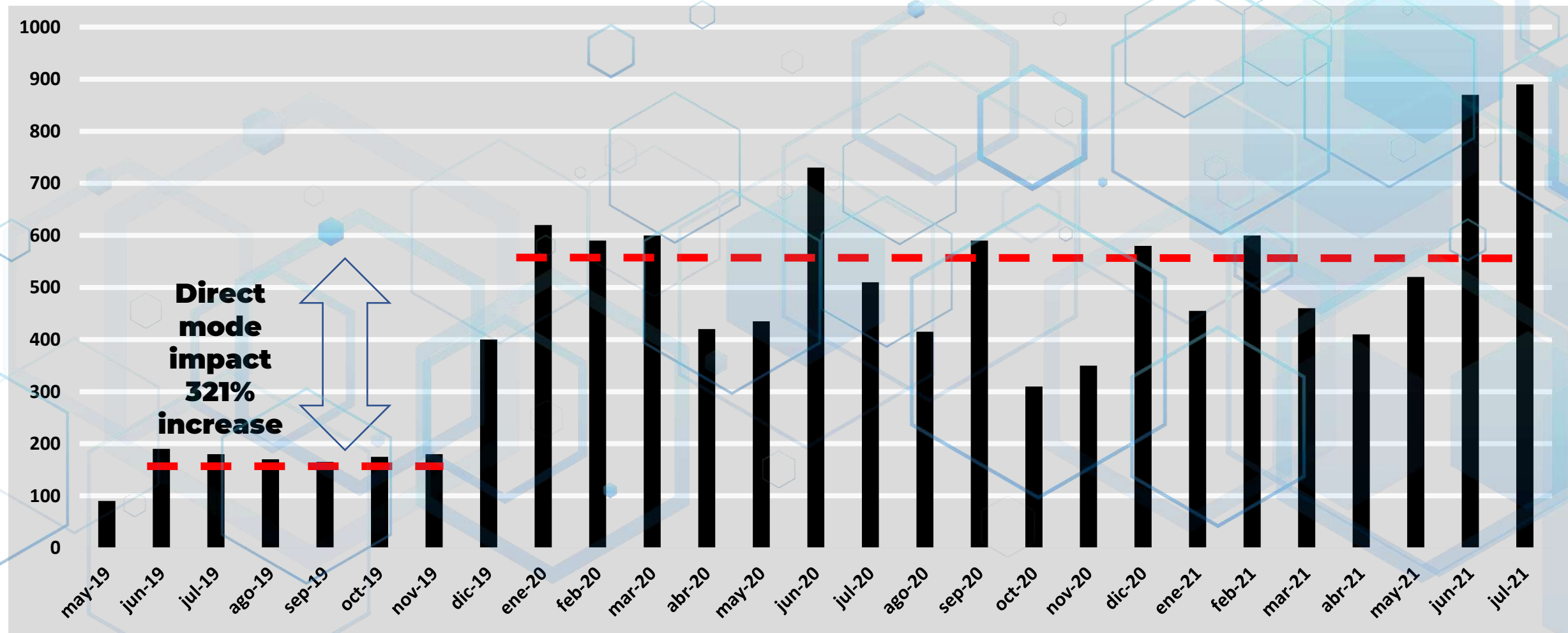
Manual Query Process

Post-hoc documentation
Manual follow-up required

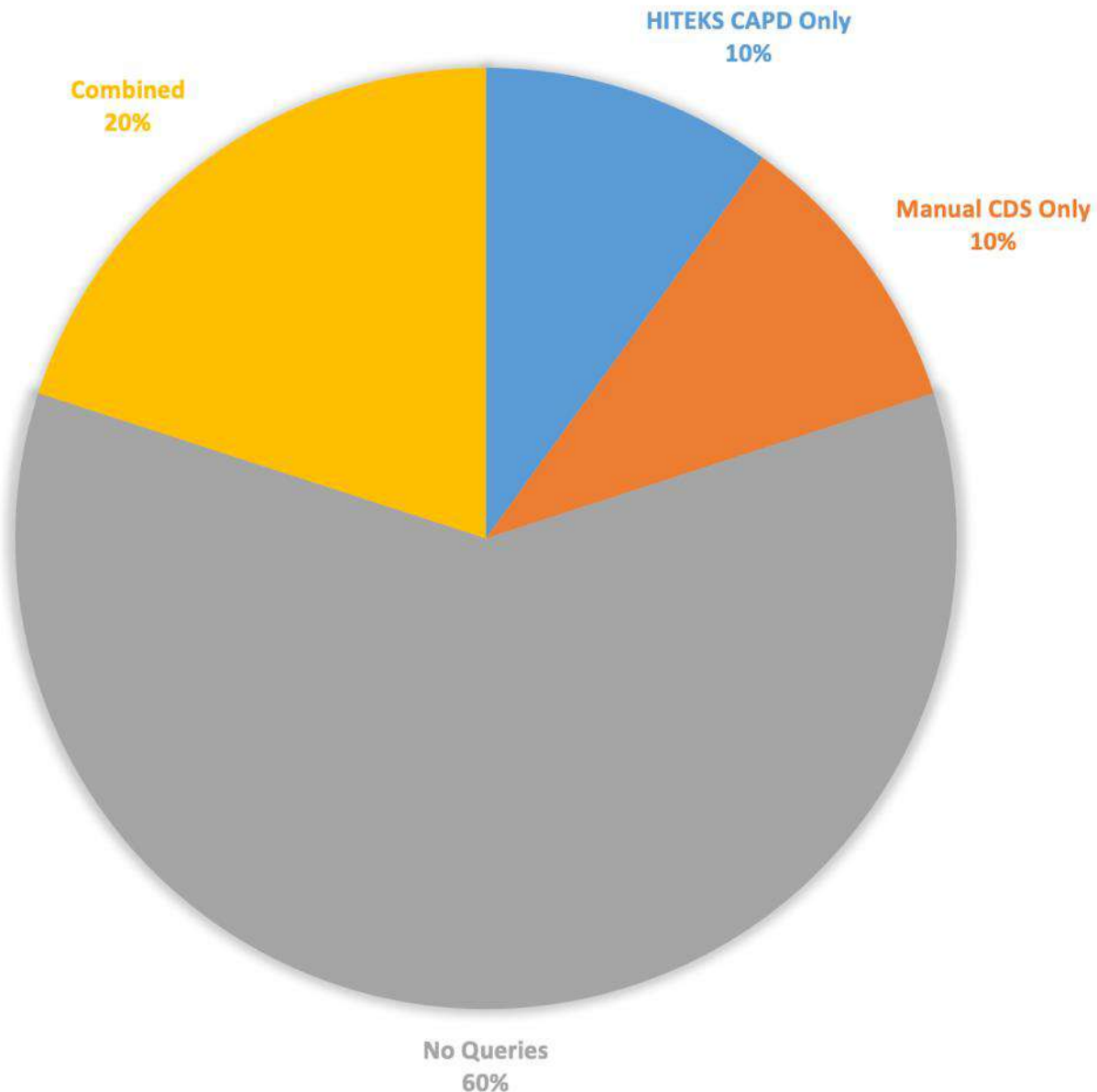
Diagnosis added to the addendum form

Payer denials
Lost Physician time
Delayed and Reduced Revenue Cycle
Missed capture of Chronic Diagnoses

3x Greater Physician Response to Queries before Discharge



Revenue Opportunities



- The sooner the physician receives a query, the sooner and more accurately they are to respond
- Revenue increases are 3% per queried account (~30%) = ~\$10,000 per inpatient bed
- All HITEKS clients have their Medicine CMI > 50% nationally

►Epic's Gold Standard CDI Workflow App



Epic's ONLY Embedded Note Editor within the EHR note screen

Complete provider documentation for quality rankings & compliant reimbursement

The screenshot displays the Epic's Gold Standard CDI Workflow App interface. On the left, a panel titled 'Please clarify the type of acute heart failure.' contains a list of options for adding text at the cursor: 'Decompensated HFrEF (EF<50%) - Acute on chronic systolic heart failure', 'Decompensated HFpEF (EF>=50%) - Acute on chronic diastolic heart failure', 'Acute HFrEF (EF<50%) - Acute systolic heart failure', and 'Acute HFpEF (EF>=50%) - Acute diastolic heart failure'. Below this, 'Other options:' include 'Agree (documented in note)', 'Disagree', 'Unable to determine', 'Ask me later', and 'Someone else should address this'. A section 'Why am I seeing this?' shows 'Acute heart failure' with sub-items '+ Congestive heart failure' and '+ "EF 50%"'. At the bottom left, a blue oval highlights a set of navigation icons. The main area, titled 'My Note', shows 'Note Details' with 'Date of Service: 9/7/2022 12:05 PM', 'Type: H&P', and 'Service: Pediatrics'. It includes a rich text editor with a toolbar and a 'SmartText' button. Below the editor, 'Past medical history:' lists 'Congestive heart failure', 'Imaging:' lists 'EF 50%', 'Medications:' lists 'Metoprolol' and 'Furosemide', and 'Assessment and Plan:' lists 'Acute heart failure'. At the bottom, a blue oval highlights the 'Suggestions (3)' button, and a 'SmartLinks' button is visible next to it. 'Pend' and 'Sign' buttons are at the very bottom.



Realize the Power of Concurrent, Proactive CDI



Embedded Editor



My Note

Note Details

Date of Service: 9/7/2022 12:05 PM

Type: [Red exclamation mark icon]

Service: Pediatrics

[Star icon] [B icon] [Clock icon] [Undo icon] [Redo icon] [Help icon] [Plus icon] Insert SmartText

Past medical history:
Congestive heart failure

Imaging:
EF 50%

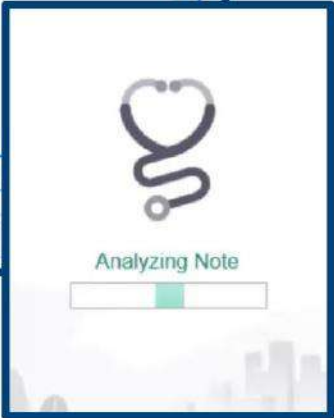
Medications:
Metoprolol
Furosemide

Assessment and Plan:
Acute heart failure

Analyze Note [SmartL icon]

[Pend icon]

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Care Team Mode



Embedded, Direct & Silent Modes



Embedded Direct Mode

Presented to Individual Providers with notification under their Note (not via inbasket/email)

Uses Note side-bar: Query Title, Suggestions & Evidence

Reduce denials from changed documentation
Reduce overall query burden

Care Team Direct Mode

Presented to all Providers of Record for Signed Notes

Uses Preferred Screens: Note Side-bar, To-Do List, Patient List

Increase responses by providers before discharge by 321%

Impact on Query Burden

Burden on individual physicians reduced

Answering Queries is intuitive and takes seconds

Note Editor Feature reduces denials, speeds final coding

Extensive Query Library



HCC, MS-DRG, MS-DRG Base, APR Base, APR SIO/ROM Impact



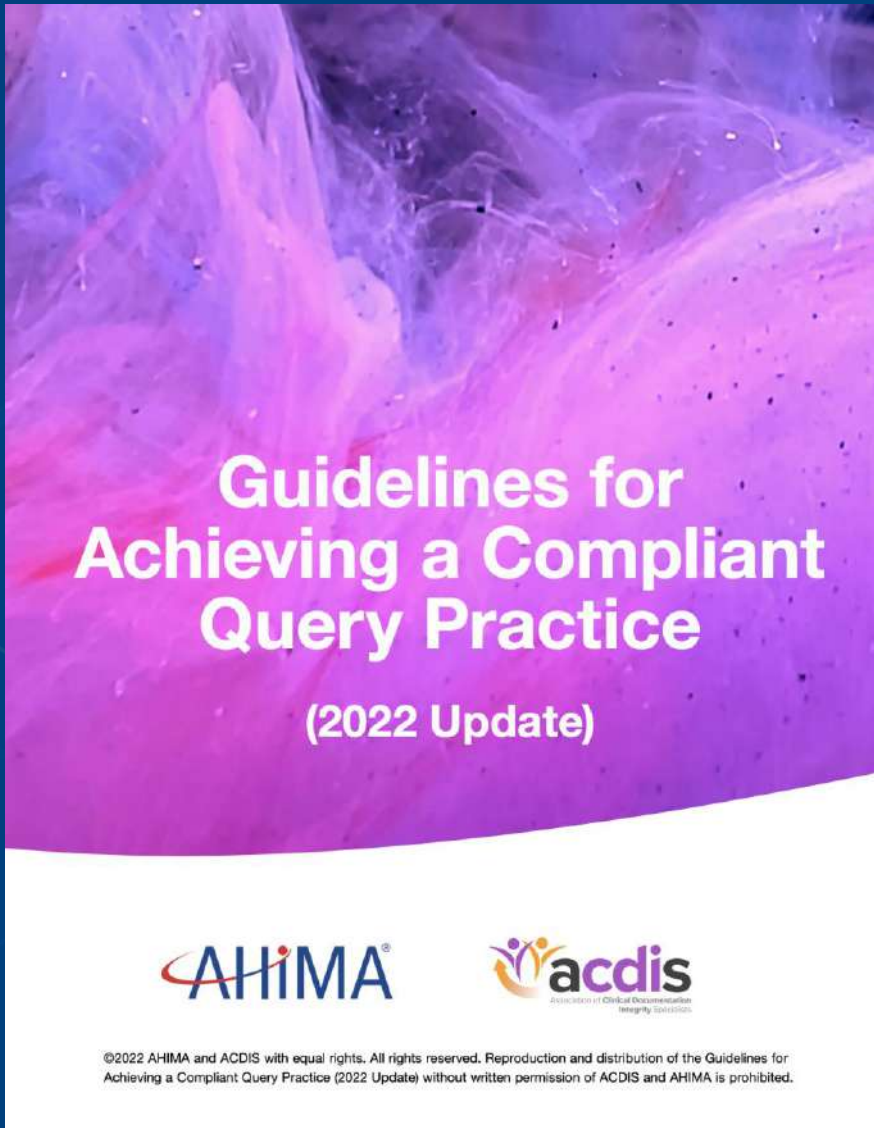
Abdominal Pain	Acute COPD/Asthma	Hypomagnesemia
Abnormal CXR on Antibiotic	Cor Pulmonale	Hyponatremia
Acidosis	Debridement	Hypophosphatemia
Acute Blood Loss	Diabete Mellitus Hyperglycemia	Incision and drain
Acute Heart Failure	Diabetic Hyperosmolarity	Malignant Hypertension
Acute Hypercapnic Respiratory Failure	Diabetic Ketoacidosis	Nicotine Withdrawal
Acute Hypoxic Respiratory Failure	Drug Overdose	Pneumonia Specificity
Acute Myocardial Infarction	DVT	Pulmonary Embolism POA
Acute on Chronic Diastolic Heart Failure	Dysphagia Phase	Respiratory Failure
Acute on Chronic Systolic Heart Failure	Elevated lactate with Sepsis (Severe Sepsis)	Sepsis
Acute Respiratory Failure	Elevated Troponin	Sepsis with specific sources of infection
Acute tubular necrosis	Fracture	Shock
AIDS/HIV	Gastroenteritis	Simple Pneumonia
ARDS	Hepatic Failure Severity	SIRS
Asthma Severity	HIV - Symptomatic/Asymptomatic	Spinal Cord Edema
Acute Asthma/COPD	Hypercalcemia	Thiamine Deficiency
Atrial Fibrillation	Hyperkalemia	Thrombocytopenia
Bowel Obstruction	Hypernatremia	Uncontrolled diabetes
Child Abuse	Hyperphosphatemia	Urosepsis
Chronic Heart Failure Type	Hypertension	UTI
Coma	Hypocalcemia	UTI Linkage to catheter
Complex Pneumonia	Hypokalemia	

Elixhauser-Focused Queries



Anemia - Macrocytic	Lymphoma
Anemia - Microcytic	Malnutrition
Brain Hemorrhage	Metabolic Encephalopathy
Cause of Delirium	Midline Shift
Cerebral Edema	Mild/Moderate Malnutrition
Chronic Kidney Disease	Morbid Obesity >35+ & >40
CVA	Obesity BMI>30
Cause of Delirium	Pancytopenia
Drug induced hemorrhage disorder	Portal Hypertension
Encephalopathy	Pulmonary Embolism Specificity
End-Stage Renal Disease	Pulmonary Hypertension
Fluid Overload	Right Heart Failure Etiology
GI Bleeding + Ulcer	Septic Encephalopathy
Hepatic Encephalopathy/Failure	Severe Malnutrition
HFpEF with EF >=50%	Solid Cancer
HFrEF with EF<50%	Subdural Hemorrhage/Hematoma
Hypertensive Encephalopathy	Toxic Encephalopathy
Hypothyroidism	Uncontrolled diabetes
Immobility Status	Underweight
Leukemia	

Compliant Query Practices* Followed by HITEKS



- 1) All queries are memorialized
- 2) Query titles and suggestions are not leading
- 3) Query formats follow the Guidelines
- 4) Provider queries include relevant clinical indicator(s)
- 5) Undocumented diagnoses are not specifically suggested
- 6) Choices provided as part of the query reflect patient-specific conclusions
- 7) Prior information from other encounters is limited
- 8) Links are provided to access the clinical indicators.
- 9) Impact on reimbursement, payment methodology, quality metrics or severity of illness are not indicated in the query process

Advanced Configurable Knowledge Base

- **Query logic is configurable:**

- 1. Supports changes within minutes**

- Findings, medications, vitals, labs & text strings
 - Specifies note section (e.g. Imaging)
 - Vitals and labs are gender and age range specific

- 2. Query prompt, subject title**

- 3. Includes a library of query templates**

- 4. Enables changes to HITEKS' foundation build query templates**

- 5. Allows new, client-specific & compliant queries**



PowerBI Reporting Dashboard: Query Summary



Mode

Multiple selections



Total Query Count

10,821

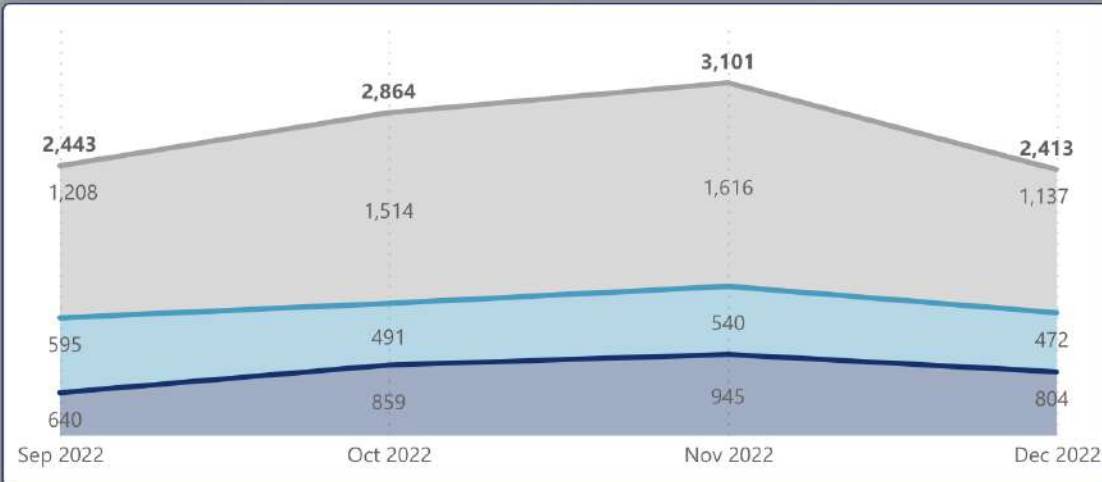
Active Rate



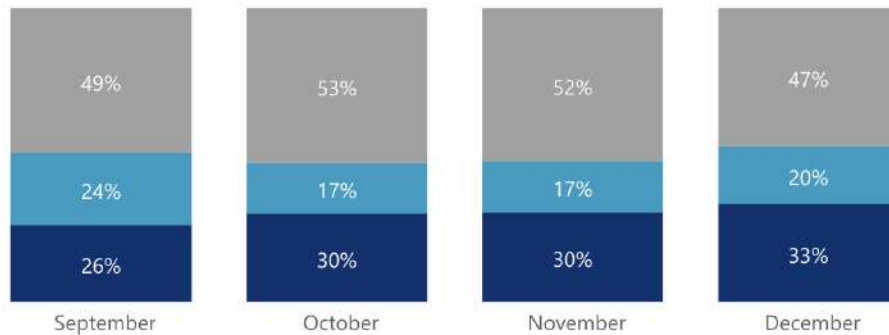
Satisfied Rate



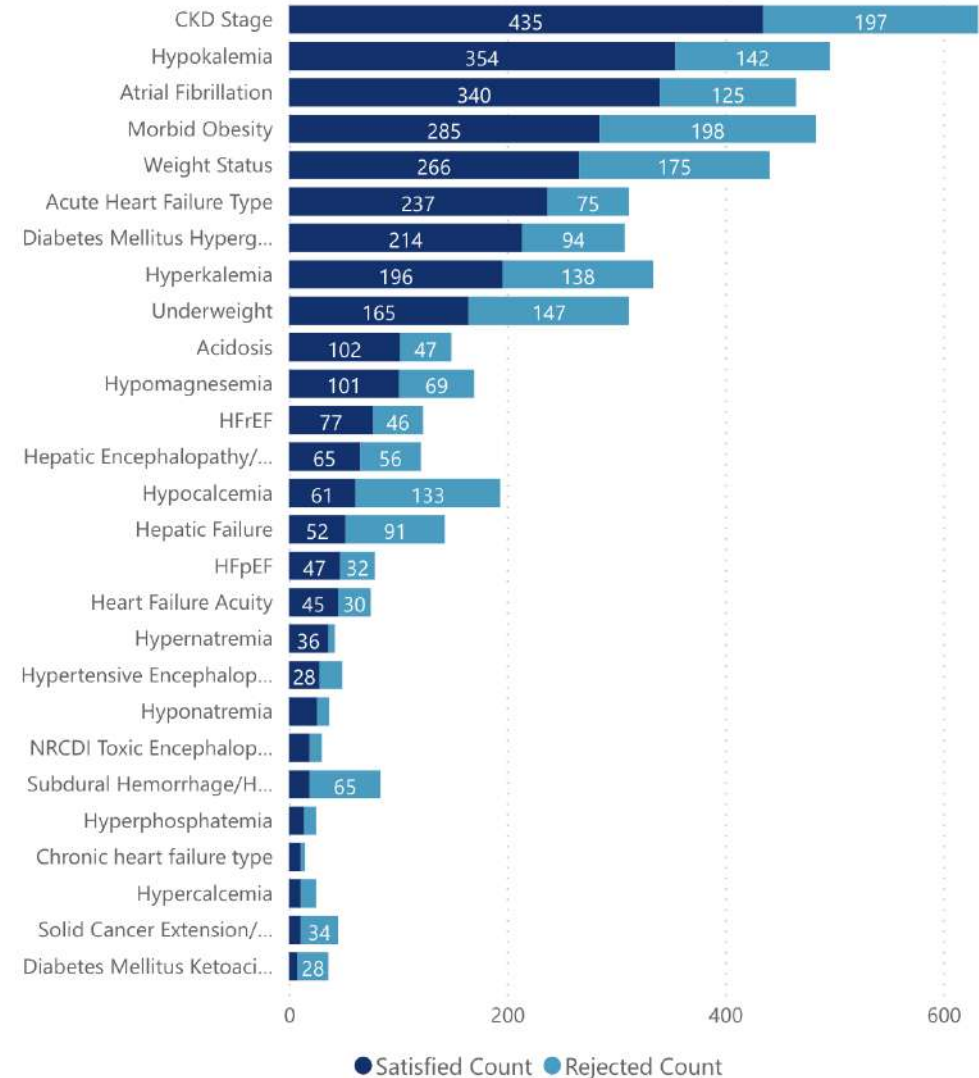
Rejected Rate



● Satisfied Rate ● Rejected Rate ● Active Rate



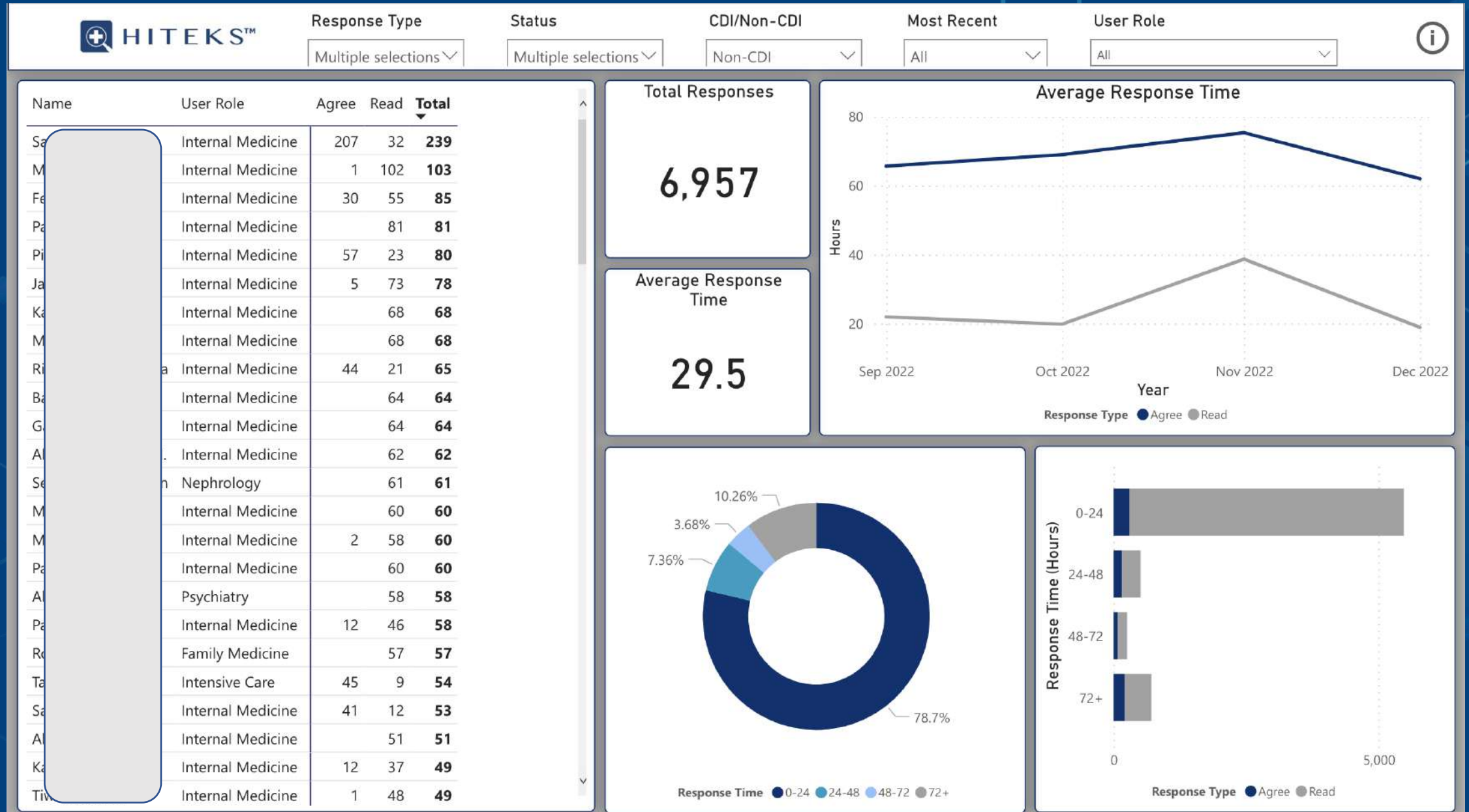
Created Month



PowerBI Reporting Dashboard: Response Summary



PowerBI Reporting Dashboard: Response Times



The HITEKS Difference

1. 100% Proactive vs Reactive to boost CMI & Revenues
2. Over 120 query customizable query templates
3. Real-time, fully formed autonomous and compliant
4. Embedded in Epic workflow
5. Proven reduction in provider burden and response
6. No additional software or hardware

Thank You



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Email: info@hiteks.com

Visit: <https://www.Hiteks.com>