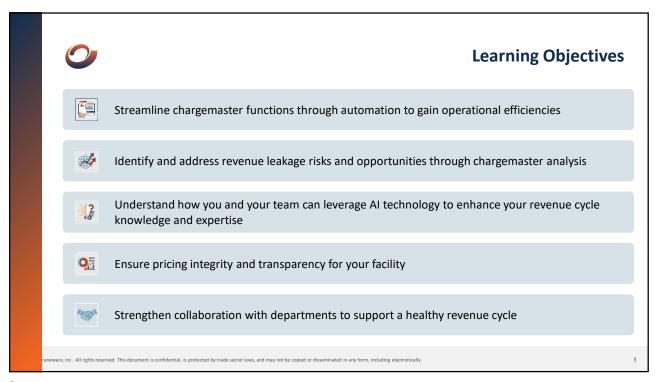
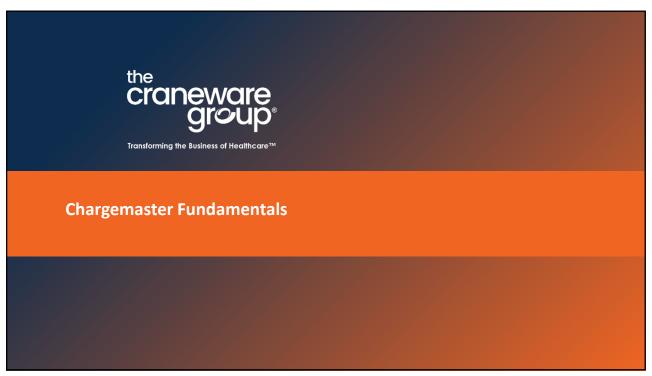
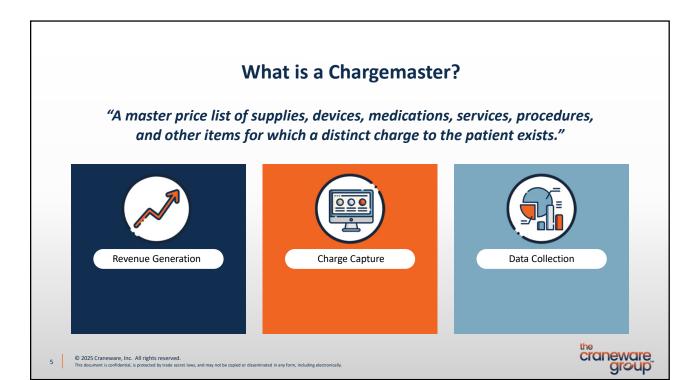
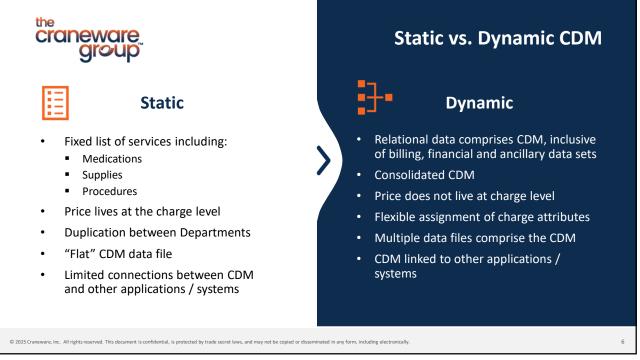


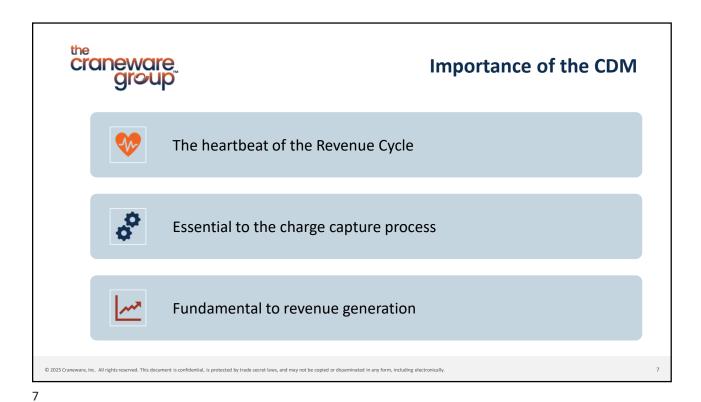
Andrea Strosnider
MHA, RHIA, CCS, PMP
Senior Customer Success Manager
The Craneware Group



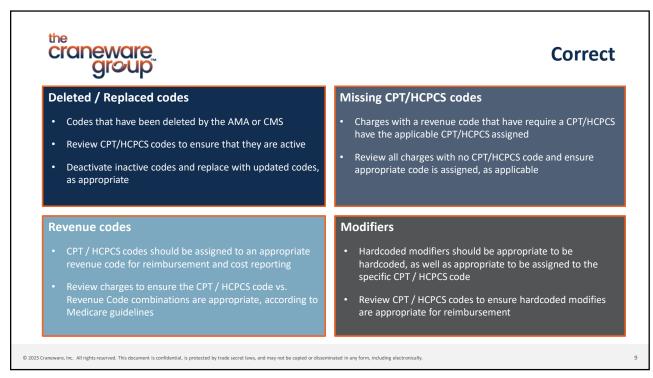


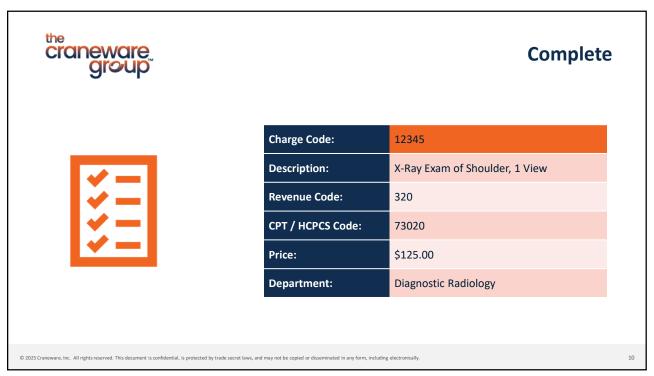






craneware **Importance of CDM Management Minimize Compliance Improve Operational Optimize Accelerate Change Manage Data** Risk **Efficiency** Complexity Revenue Management Improved Charge Capture Manage Pricing Updates Compliance Integrity Manage CDM Request, System Upgrades Revenue and Usage Team Workflows and Manage CDM Connections Audits – Internal & Manage Constant Proactive CDM Analysis Analytics Provide CDM to other External Updates stakeholders Strategic & Defensible CDM Health and Research into current & Audit trail Pricing new regulations **Productivity Analytics** Collaboration with Price Transparency Clinical and IT Areas © 2025 Craneware, Inc. All rights reserved. This document is confidential, is protected by trade secret laws, and may not be copied or disseminated in any form, including electronically.











# **Chargemaster Maintenance**

#### Maintenance comes in many forms:

- Annual CPT / HCPCS Code Updates
- Regulatory / Payor Updates
- Requests for new / modified charges
- General "check-ups" / maintenance tasks



**Routine Chargemaster** Maintenance is an important compliance task that must be performed to mitigate risk to the organization

> Ongoing process to ensure services are accurately charged, compliant with regulations, and are receiving appropriate reimbursement

> > the craneware

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## **Prepare for Creating a CDM Maintenance Plan**

- 1. Should be approached as a project
- 2. Establish written policies and procedures to guide the process
- 3. Establish which departments / key roles should be involved

#### The CDM Maintenance Plan is your project plan

- ☐ Establish frequency of maintenance activity
- ☐ Establish what will be reviewed at each milestone
- Establish timelines and responsibilities for CDM Team
- Establish timelines and responsibilities for departments

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### **Policies and Procedures**

Policies and procedures should be created before beginning a CDM Maintenance Plan

The following should be taken under consideration when creating policies:

- How are coding / billing regulations communicated within the organization?
- Who are the resources and instructions for code updates?
- What are the documentation requirements for advice received from the MAC?
- Are CDM risk areas addressed?





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## **Policies and Procedures**



Maintaining a CDM in accordance with local, state, and federal regulatory agencies such as the Office of the Inspector General and the Centers for Medicare and Medicaid Services.



Providing decision support to ancillary departments regarding CDM concepts and select reimbursement and coding concepts.



Reviewing charge codes for deactivation without volume in one year



Identifying workflow processes and timelines for CDM additions/changes to be reviewed and establish the responsible parties for this process.

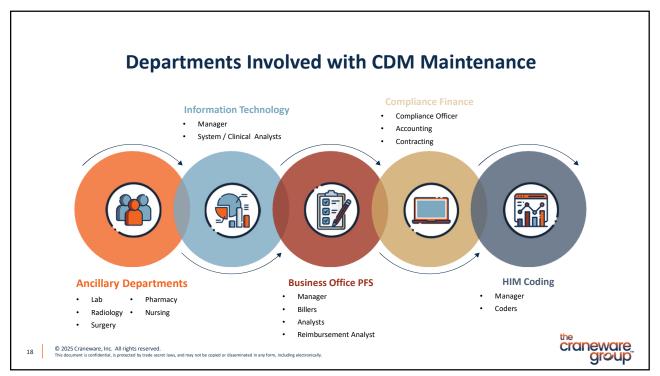


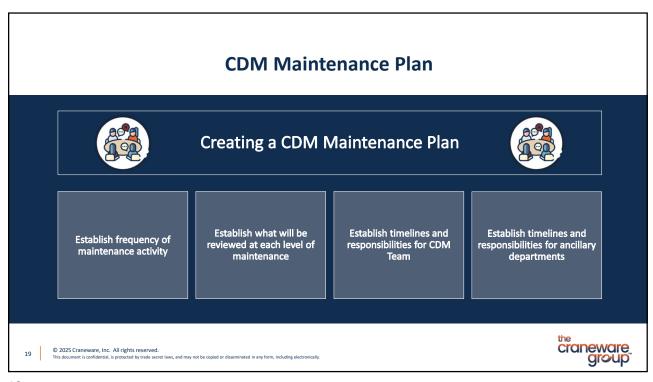
Pricing new CDM charge codes and establish responsible parties, including specific mark-up needed, or provide location where

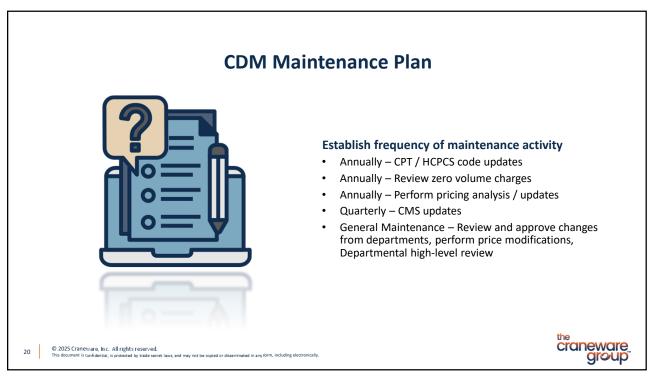
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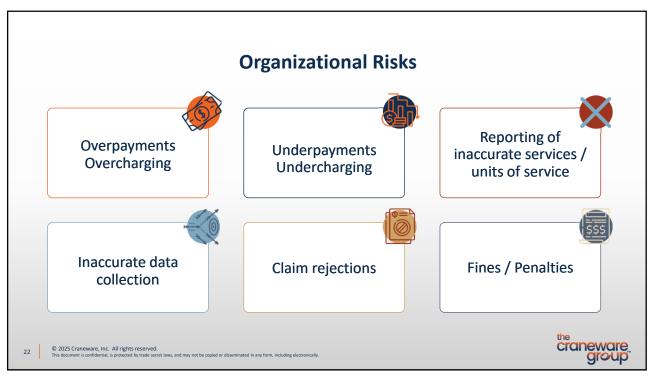
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Regulatory Update Schedule		
Regulating Body	Data Set	Date
American Medical Association (AMA)	СРТ	January 1st
Centers for Medicare & Medicaid (CMS)	HCPCS Level II	January 1st
Centers for Medicare & Medicaid (CMS)	Temporary HCPCS Level II NCCI MUE / OCE Updates ICD-10 CM / PCS Updates Fee Schedule Updates	January 1 <sup>st</sup> / April 1 <sup>st</sup> / July 1 <sup>st</sup> / October 1 <sup>st</sup>
Centers for Medicare & Medicaid (CMS)	Outpatient Prospective Payment System (OPPS)	January 1 <sup>st</sup>
Centers for Medicare & Medicaid (CMS)	Medicare Physician Fee Schedule (MPFS)	January 1 <sup>st</sup>
Centers for Medicare & Medicaid (CMS)	Inpatient Prospective Payment System (IPPS)	October 1st





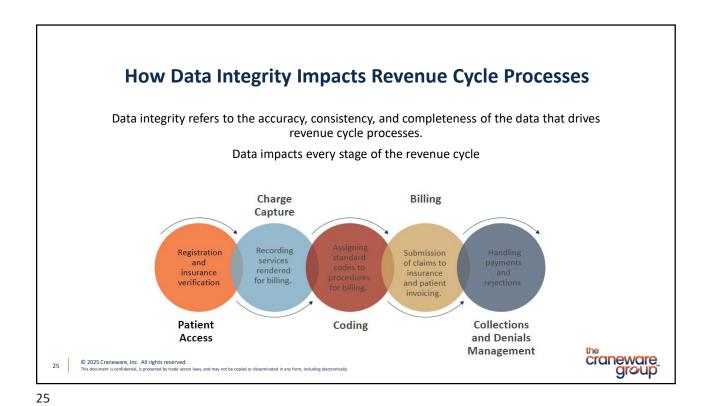
# **Key Findings from a Recent Studies on Health Data Quality**

- 80% of Healthcare Organizations Report Data Issues
  - Source: <u>Black Book Research</u> Report on Data Management and Interoperability in Healthcare (2018)
- 30% Denial Rate Due to Data Errors
  - Source: **HFMA** "Claim Denials and Their Financial Impact on Healthcare Organizations" (2019)
- Manual Data Corrections Take Up 40% of Administrative Time
  - Source: HIMSS Analytics "The Impact of Data Entry Errors on Healthcare Administration" (2019)
- Outdated Databases Increase Revenue Loss
  - Source: AHA "Annual Report on Financial Challenges in Healthcare" (2020)

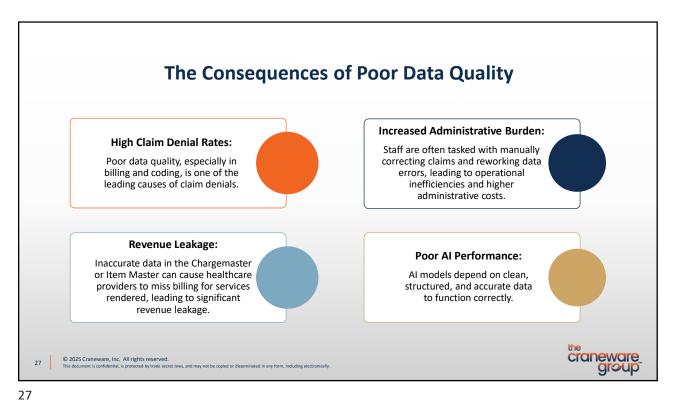
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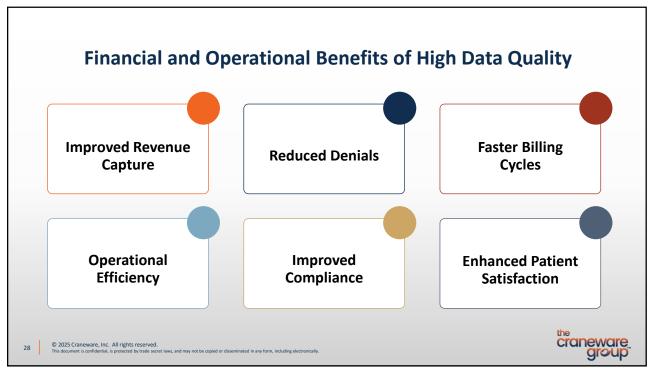
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**Common Data Integrity Challenges in Healthcare** Challenge 1: **Challenge 3:** Challenge 2: Challenge 4: Challenge 5: **Fragmented Data Entry** Regulatory **Data Silos** Coding **Data Systems Inconsistencies Errors Changes** the craneware © 2025 Craneware, Inc. All rights reserved.







## **Polling Question**

How many people have used AI Technology...

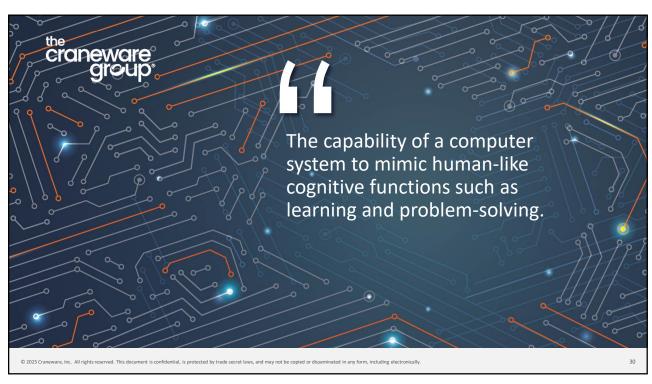
- In day-to-day life?
- In the workplace?



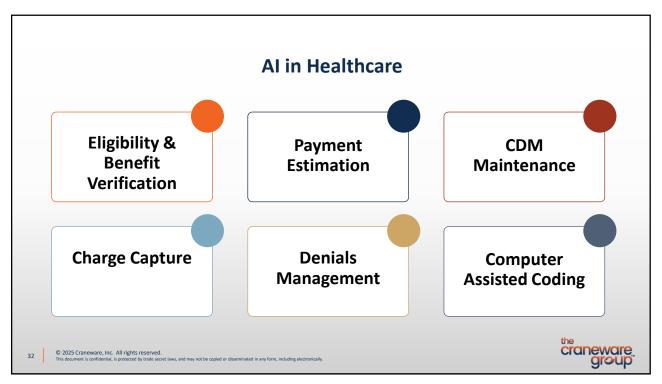
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#### **Rule Based AI**

- Operates on "If / Then" rules, defined by humans
- · Minimal data required
- Highly explainable and transparent
- Ideal for tasks with clear logic
- Lower cost, easier to implement

## **Machine Learning**

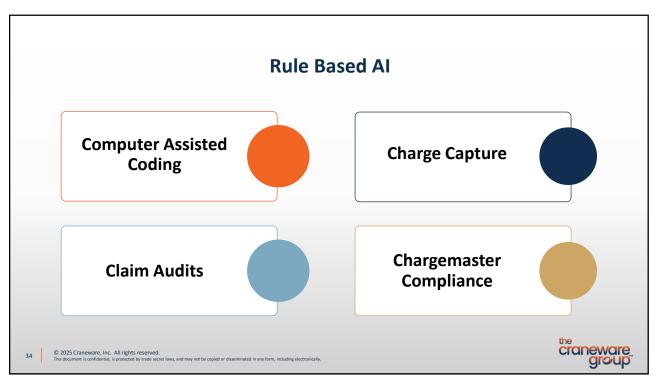
- Learns patterns from data to make predictions or decisions
- Requires large datasets for learning
- Often called "black boxes"
- Ideal for complex tasks
- Higher cost, requires technical expertise

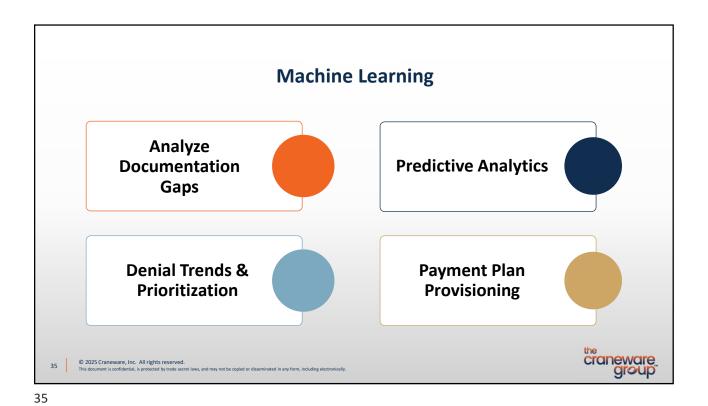
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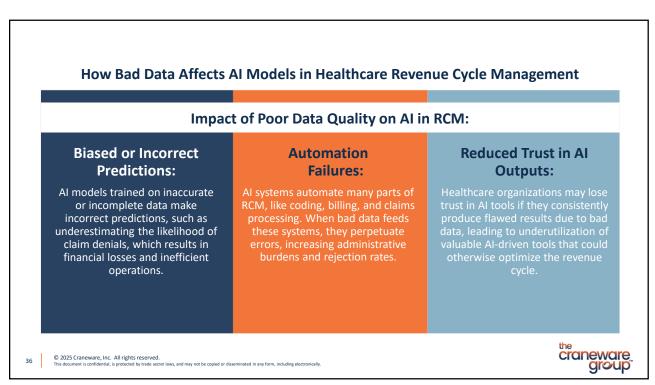
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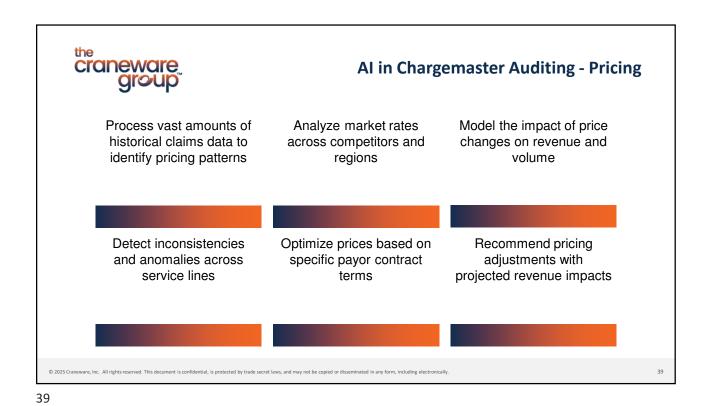




## **Increased Reliance on Technology**

- Automation
  - Chargemaster maintenance, code updates, data analysis
- · Al and Machine Learning
  - Potential code errors, predict trends in healthcare pricing, improve coding accuracy
- Cloud-Based Solutions
  - Cloud-based chargemaster management tool for greater flexibility and accessibility, for real-time updates and collaboration





Al in Chargemaster Auditing - Pricing

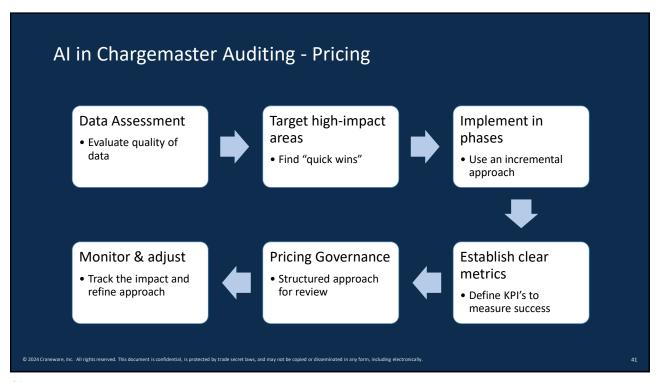
Outdated pricing methodologies
Limited market intelligence
Resource constraints
Changing payor dynamics
Defensible pricing strategies

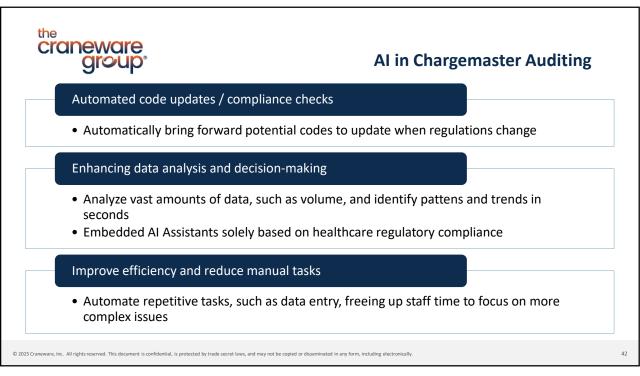
Limited market intelligence
solve

Common pricing challenges
Al can help solve

\*\*Defensible pricing strategies\*\*

\*\*Defe







## **AI in Chargemaster Auditing - Considerations**

#### **Data Quality**

 AI models rely on high-quality data for accurate results

# Integration with existing systems

 Ensure compatibility with PAS / EHR

#### **Human oversight**

 Essential for interpreting AI outputs, handling complex cases, and making ethical judgements

#### **Staff training**

 Provide comprehensive training to staff to equip them with skills needed to effectively and efficiently use Al tools

# Regulatory compliance

 Ensure Al tools comply with regulatory guidance from CMS, AMA, HIPAA

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## **Evolving Regulatory Landscape**

- Price Transparency
  - Continue to adapt to ever-changing price transparency regulations
- · Value-Based Care
  - Shifts toward value-based care models will necessitate a need for greater accuracy and transparency in billing practices to ensure proper reimbursement and avoid penalties
- Compliance
  - Ongoing monitoring and compliance with regulatory changes will be essential to avoid penalties and maintain revenue integrity

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#### **Emphasis on Data Accuracy**

- Comprehensive Reviews
  - Regular internal and external CDM reviews will be necessary to proactively identify and correct errors
- Data Integrity
  - Organizations will need to implement robust processes to ensure the accuracy and integrity of chargemaster data, including proper coding and pricing
- Collaboration
  - Collaboration between Revenue Cycle, Clinical, and IT Departments will be crucial for maintaining accurate chargemaster data and optimizing reimbursement

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## Importance on Training & Education

- Ongoing Education
  - Continuous training and education for chargemaster staff will be essential to stay up-to-date on coding guidelines, regulatory changes, and technological advancements
- Specialized Training
  - Organizations should consider investing in specialized training programs to ensure staff have the necessary skills and knowledge to maintain the complexities of a chargemaster



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### **Shifting from Reactive to Proactive Management**

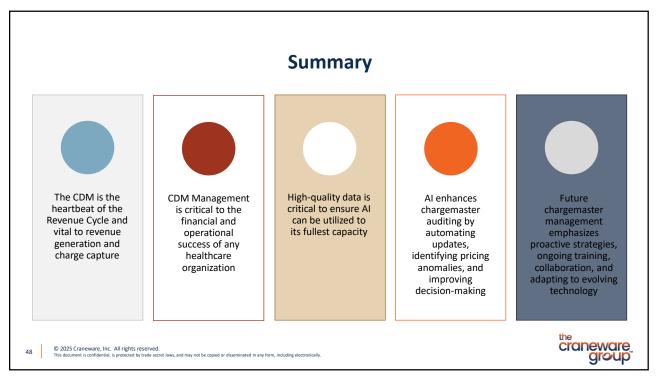
- · Proactive Planning
  - Organizations will need to move beyond reactive chargemaster management and adopt proactive strategies to anticipate and address potential issues
- · Continuous Improvement
  - Implementation performance metrics, tracking KPI's, and using data analytics to identify areas of improvement will be essential for long-term success



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