Innovating Revenue Integrity Through Advanced Analytics

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Learning Objectives

- · Understanding data construct variation across clinical and revenue cycle
- Identify and navigate gaps in the consolidated data and validation steps with key clinical and revenue cycle stakeholders
- Understand tools and dashboards to support strategic decisions and change management initiatives

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Introductions



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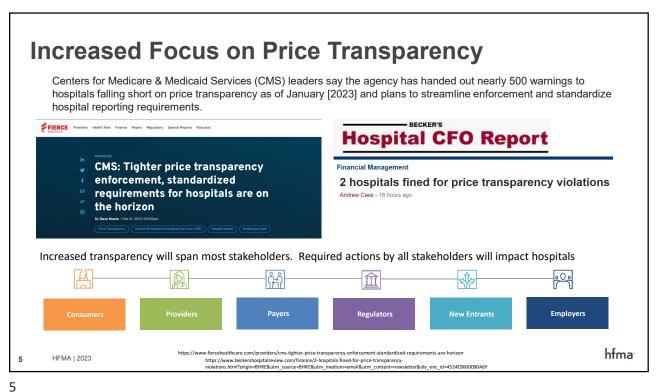
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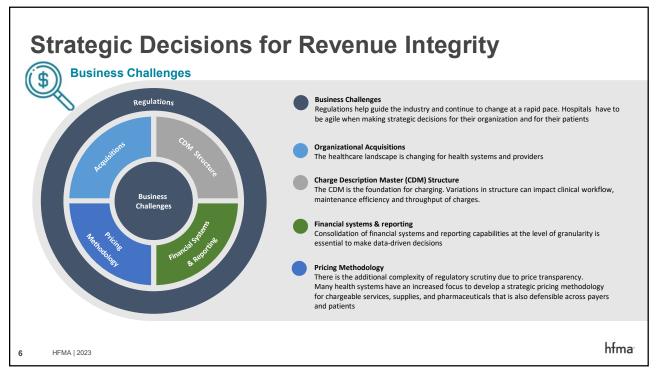
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Industry Disruptor







Strategic Decisions for Revenue Integrity, continued



Industry Challenge: Supply and pharmaceutical pricing analysis includes understanding disparate data sets and how to align them to support strategic decision making. Aligning and ingesting the large and complex data sets have proven to be a significant hurdle to establishing a defensible pricing strategy.

Supplies

Transition from a one-to-one charge structure to a one-to-many charge tiering structure

Pharmacy

Enable programmatic and strategic updates to NDC and medication cost information



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From Data to Dashboard



Data Inputs and Data Structure

Supplies and Pharmacy share similar data approaches and methodologies in addressing cost structure and markup methodology

Description	Supplies	Pharmacy
Masterfile	Item master/ mat mgmt. file	Formulary
Source base	Catalogue#/Manufacture#	NDC
Usage	Revenue & Usage Purchase History	Revenue & Usage Purchase History
Reference Files	Third party vendor(s) Industry benchmarks	Third party vendor(s) Industry benchmarks
Categorization (by price or item)	Supply category or cost tier	Medication category or cost tier
Other	Low-cost medications Non chargeable items	Low-cost items Study-based medications
Markup Methodology	Cost x Mark Up Flat Fee based on cost	Cost x Mark Up Flat Fee based on cost

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Challenges in the Data

Data exploration and analysis uncover unforeseen challenges and opportunities to build and ideal future state scenario

Disparate Data Sources

Increasing number of mergers and acquisitions has led to health systems with a mix of different IT systems and platforms. Gaining parity in the data between the disparate data sources is necessary to support meaningful analytics





Varying Operations

Mergers and acquisitions brings differing charge capture and billing operations from clinical staff that needs to be standardized and operationalized to ensure backend uniform billing practices

Non-Matching Items

Identification and utilization of master items inventory necessary to ensure alignment and reduce waste among supplies and medications. Regular maintained and upkeep required to keep master lists current and relevant to billing practices and



Level of Detail Achieving data at the same level of detail (e.g., facility, cost center, department, item) across the organization is necessary for meaningful comparison and analysis



Uncovered Challenges

Historical Practices

Historical annual pricing review practices vary between legacy facilities and systems leading to necessary alignment and standardization for a defensible pricing methodology across the health system



Data Formatting
Data identifiers and item numbers vary among systems and site leading to duplication and mismatch for the same item used across the health system. Alignment review and regular maintenance necessary to reduce the redundancy

Data Extraction

Extracting specific backend data out of disparate systems to achieve alignment to source of truth front end financials continue to pose a time-intensive challenge for many clients



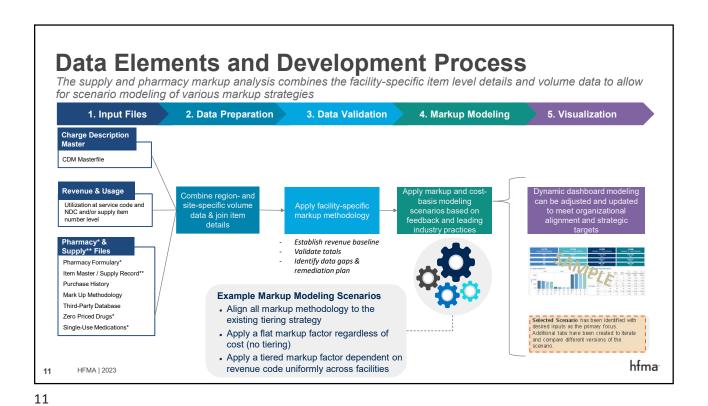
Obtaining data at the appropriate lowest unit of measure poses a challenge when upstream operational discrepancy in unit of measure is





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Leading Practice Structure

Supplies and Pharmacy billing practices and management share similar leading practice structure to allow for efficient cataloging and categorization of master files





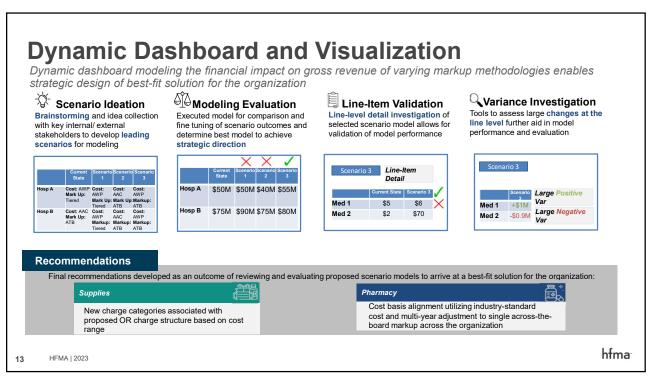
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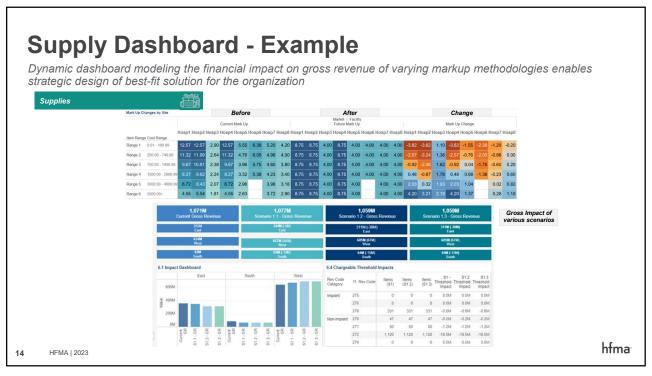
Key Highlights:

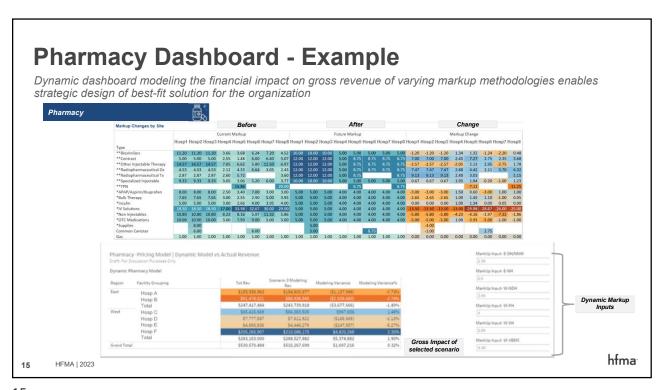
- Creating a tiered or categorized structure will assist with file maintenance
- Source files are continuously updated regularly. Confirm you have captured all items during this process.
- This structure helps you analyze and report on different categories and tiers

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Change Management through Socialization Engagement with key stakeholders and impacted parties required for collective understanding, constant refinement

and consensus gathering for future-state solution



Workgroup Establishment

Cross-functional stakeholder workgroup with regular cadence to review, investigate and make key decisions on the impacts and outcomes of the solution. Workgroup members inclusive of accountable leaders and responsible parties work to evaluate solution at every level



Workflow Documentation

Examination and documentation of a sequence of work process from initiation to completion outline the current state workflow and gap identification in critical areas. Adjustments to existing workflows to support final solution must account for current state limitations



Roles and Responsibilities

RACI matrix identifies and describes the responsibilities by role in completing tasks to support the solution. Outlining the members of the team and specific tasks in the project brings clarity and efficiency in establishing the new process



Policies and Procedures

Establish and/or update guidelines to outline the organization's plan for implementation and maintenance of the solution. Collective development and agreement among the workgroup ensure success with executing the day-to-day operations to achieve the overarching action

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Thank you.

