Data in Practice

Icon Health

Dec, 2021

Icon Health

Icon Health Data Assets

Icon houses the industry's largest--and growing--MSK data warehouse

317M
Covered Lives

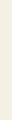Medicare and
Commercial payer
beneficiaries

>200k
Individual Providers and Facilities

Orthopedic Physicians
Physical Therapists
Imaging Centers
Ambulatory Surgery Centers
Hospitals
Urgent Care Centers

10B
Claim Lines

Medical and
pharmacy claims
data

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Key Metrics Overview

	Orthopedic* MDs	Physical Therapists**	Imaging Centers	ASCs	Hospitals	Urgent Care
Cost	✚	✚	✚	✚	✚	✚
Quality	✚	✚	✚	✚	✚	✚
Specialty	✚	✚	N/A	N/A	✚	N/A
Additional Examples	• 90 day episode efficiency • Experience w/ comorbid conditions	• 90 day episode efficiency • Staffing ratios	• Magnet type and age • Repeat image frequency	• Adverse outcome rates	• Patient experience scores • Service line quality scores	• Patient experience scores

*Includes neurosurgeons, podiatrists, and pain management MDs

**Includes selected chiropractors

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A Deeper Dive on Quality

Physician Quality Scoring

General Metrics

- Unplanned Admissions
- Unplanned ED Visits
- 30-Day Readmissions
- Mortality

Condition-Specific Metrics

- Infections & Complications
- 90-Day Revision
- Conservative Treatment Indicators

Risk Adjustment Metrics

- Complication & Comorbidity Index
- Demographic Profile

Additional Provider-Specific Key Metrics

Imaging

- Machine Type & Age
- Imaging Error Rate

PT Practices

- Staffing Ratios
- Subspecialty Availability

ASC

- Unplanned post-op hospital admissions
- Adverse Surgical Events

Hospitals

- 30-Day Readmission Rate
- Adverse Inpatient Events

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Physician Selection

Outcomes (Quality): Step 1

- **Condition Specific** (Performance treating certain conditions)
- **Risk Adjusted** (adjustments made for patient specific pre-existing conditions and co-morbidities)
- **Performance vs peers** (to ID top 20%)

Efficiency (Cost): Step 2

- **Total cost** of care
- Expected vs Realized
- Based on **90 day episodes**
- Performance vs peers treating similar conditions/members

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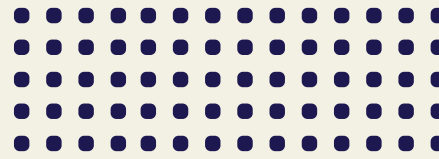
Orthopedic
Physicians in market

Top 20%
in Quality

Most Efficient

In Network

Available for
Scheduling

**Specific
Member Needs**

Data in Practice: A Data-Informed Care Journey

Example metrics used and captured for a simple care journey with two referrals

Outreach

Icon targets outreach to members with high potential to benefit from support

Metrics Used:

- Past MSK diagnoses
- "Indicator" services, e.g. imaging, PT
- Demographics

Intake

Icon captures key demographic and comorbidity information

Metrics Captured:

- Demographics
- Relevant comorbidities

Referral to MD

Icon refers to a provider that is high quality, low cost, and matched to member needs

Metrics Used:

- Quality
- Cost
- Specialty
- Location
- Network status
- Comorbidity experience

Referral to PT

Icon must select a therapist that only practices in one-on-one PT sessions

Metrics Used:

- Quality
- Cost
- Specialty
- Location
- Network status
- Staffing ratios

Ongoing

Icon captures key data on the member's journey to better inform future care

Metrics Captured:

- Satisfaction scores
- NPS
- Bill data

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