THE MEASURE OF HEALTH

IMPROVE OUTCOMES AND DRIVE DOWN COSTS WITH INTELLIGENT CLINICAL DECISION SUPPORT

With today's approach to care hinged upon better patient outcomes and cost-effective delivery, healthcare stakeholders must work closely together to realize the best clinical and financial results. Evidence-based guidelines are proven to help providers return patients to their healthy, productive lives quickly and efficiently. With cost savings associated with wages, benefits and lost productivity, safely returning patients to activity benefits everyone – providers, payers, employers and patients alike. When outcomes and costs are quantifiable, providers can use the measure of health to drive more business.

ReedGroup is uniquely suited to apply its expertise in managing health and productivity to incentivize value-based care goals across the entire healthcare ecosystem. ReedGroup's MDGuidelines combines big data, decision support and consultation services for a total health solution. Using the most rigorous methodologies and data sets in the industry, MDGuidelines is the gold standard in clinical decision support to optimize treatment and eliminate costly variations in care across entire patient populations.

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EXPLORE OUR COMPREHENSIVE HEALTH AND PRODUCTIVITY SOLUTION

MDGuidelines combines clinical content with professional services, training and support, and reporting and analytics for a comprehensive health and productivity solution.

SOFTWARE AND CONTENT: Physiological duration data, predictive modeling, an evidence-based formulary, diagnosis and treatment recommendations and access to the full MDGuidelines content library provide a proven framework for clinical decision-making.
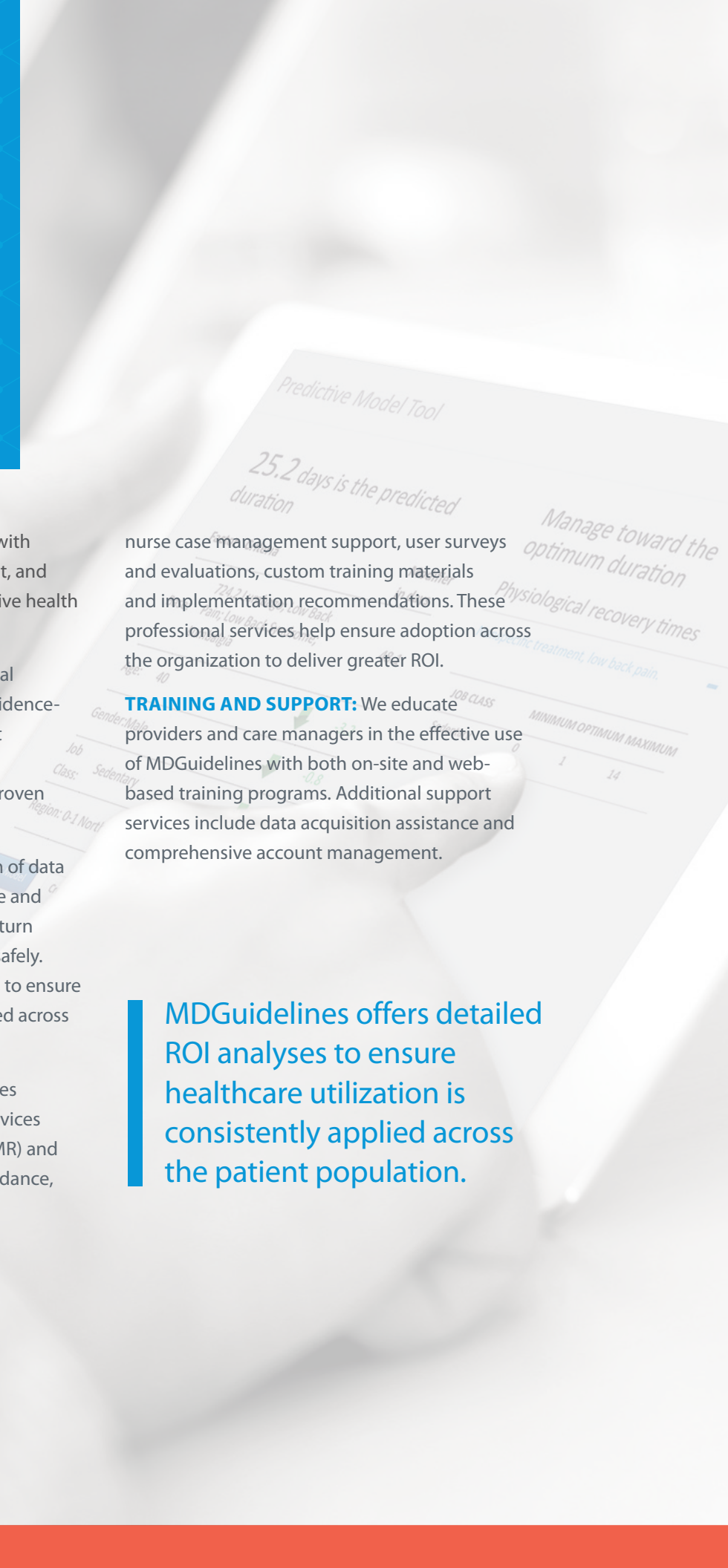
REPORTING AND ANALYTICS: Our team of data scientists measures your case performance and identifies areas of improvement to help return your patients to productivity quickly and safely. MDGuidelines offers detailed ROI analyses to ensure healthcare utilization is consistently applied across the patient population.

PROFESSIONAL SERVICES: MDGuidelines customers have access to consultative services that include electronic medical record (EMR) and case management system integration guidance, nurse case management support, user surveys and evaluations, custom training materials and implementation recommendations. These professional services help ensure adoption across the organization to deliver greater ROI.
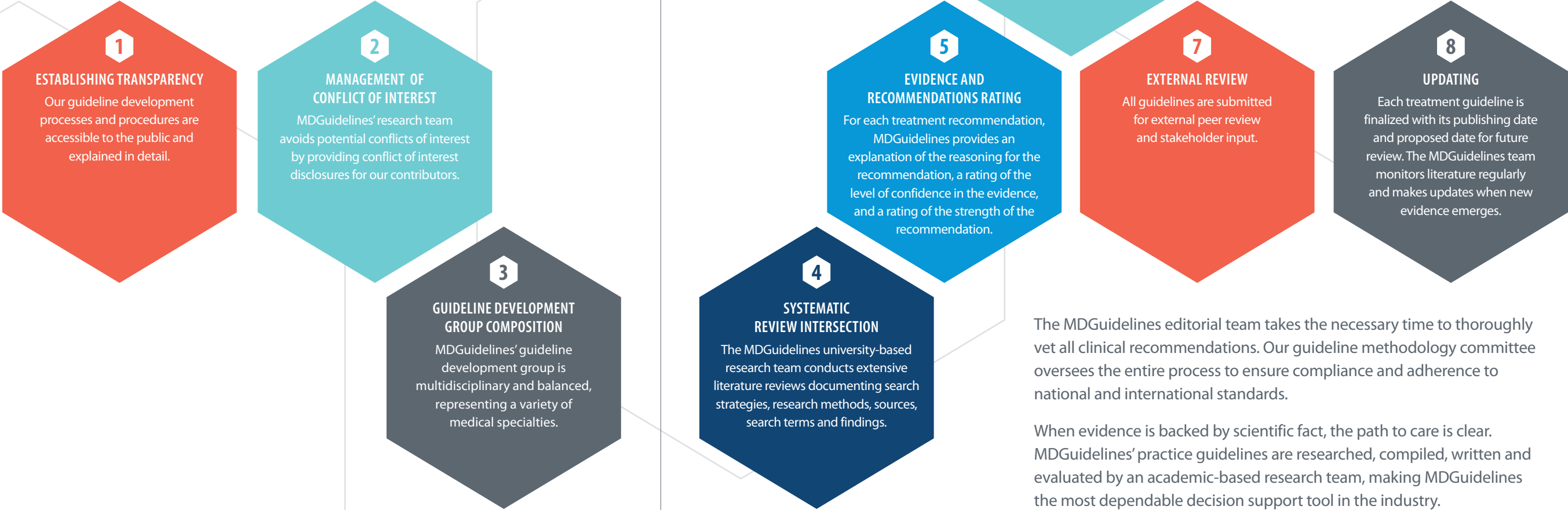
TRAINING AND SUPPORT: We educate providers and care managers in the effective use of MDGuidelines with both on-site and web-based training programs. Additional support services include data acquisition assistance and comprehensive account management.

MDGuidelines offers detailed ROI analyses to ensure healthcare utilization is consistently applied across the patient population.

TRUST IN THE MOST RIGOROUS EVIDENCE-BASED METHODOLOGY

Evidence-based clinical guidelines help providers take a systematic and effective approach to care, leading to better outcomes, lower costs and enhanced patient experiences. However, not all evidence-based guidelines are created equal. This is where MDGuidelines stands apart. Our practice guidelines from the American College of Occupational and Environmental Medicine (ACOEM) adhere to a very rigorous methodology that encompasses **the eight standards for creating quality guidelines,** set forth by the Institute of Medicine:

1
ESTABLISHING TRANSPARENCY
Our guideline development processes and procedures are accessible to the public and explained in detail.

2
MANAGEMENT OF CONFLICT OF INTEREST
MDGuidelines' research team avoids potential conflicts of interest by providing conflict of interest disclosures for our contributors.

3
GUIDELINE DEVELOPMENT GROUP COMPOSITION
MDGuidelines' guideline development group is multidisciplinary and balanced, representing a variety of medical specialties.

4
SYSTEMATIC REVIEW INTERSECTION
The MDGuidelines university-based research team conducts extensive literature reviews documenting search strategies, research methods, sources, search terms and findings.

5
EVIDENCE AND RECOMMENDATIONS RATING
For each treatment recommendation, MDGuidelines provides an explanation of the reasoning for the recommendation, a rating of the level of confidence in the evidence, and a rating of the strength of the recommendation.

6
ARTICULATION OF RECOMMENDATIONS
All MDGuidelines recommendations detail precisely what the recommended action is and under what circumstances it should be performed.

7
EXTERNAL REVIEW
All guidelines are submitted for external peer review and stakeholder input.

8
UPDATING
Each treatment guideline is finalized with its publishing date and proposed date for future review. The MDGuidelines team monitors literature regularly and makes updates when new evidence emerges.

The MDGuidelines editorial team takes the necessary time to thoroughly vet all clinical recommendations. Our guideline methodology committee oversees the entire process to ensure compliance and adherence to national and international standards.

When evidence is backed by scientific fact, the path to care is clear. MDGuidelines' practice guidelines are researched, compiled, written and evaluated by an academic-based research team, making MDGuidelines the most dependable decision support tool in the industry.

MEASURE THE FINANCIAL AND CLINICAL IMPACT

The MDGuidelines solution helps providers save money while delivering high quality care. Value-based healthcare organizations like Kaiser Permanente are able to pinpoint savings opportunities and drive better outcomes with MDGuidelines.

With access to MDGuidelines' evidence-based guidelines, predictive modeling and physiological duration data integrated into its EMR system, Kaiser Permanente Northern California saved its customers **more than $267 million** over a four-year period (including wages, benefits and costs associated with lost productivity). With MDGuidelines content used at the point of care, Kaiser Permanente found that in one year, **78% of its patients** returned to activity faster than the MDGuidelines Population benchmark.

With tangible cost savings and the ability to more quickly return patients to their healthy and productive lives, MDGuidelines not only helps your patients, it also helps your customers. The ability to offer clinical and financial savings to customers helps hospitals attract new commercial health plan customers, enabling providers to leverage results to drive more business.

Many MDGuidelines users recognize the solution's impact on reducing costs and improving care.

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"MDGuidelines really benefits everyone – the patient, the provider, the employer and the insurer. It brings everyone on the same page, while reducing friction, improving outcomes and reducing costs."

– Rupali Das, MD, MPH, FACOEM, Former Executive Medical Director, California Division of Workers' Compensation

"Everyone is worried about the rising cost of healthcare and providers are looking for ways to provide cost and effective care for our patients. Unnecessary costly care really has an impact, not only for the patient and the insurance company but also for employers. By using cost effective care over the past decade, we've been able to save millions."

– Greg S. Vanichkachorn, MD, MPH, Regional Medical Director, Montana/Kalispell Regional Health
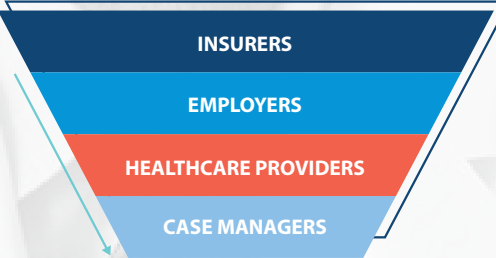
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DISCOVER THE BEST-IN-CLASS DATA BEHIND MDGUIDELINES

Providers, employers, insurers and case managers around the world trust MDGuidelines' sophisticated data models, data sources and data-driven tools.

PHYSIOLOGICAL DURATION TABLES:
Informed by data and clinical expertise, our duration tables are created by the MDGuidelines Medical Advisory Board and provide physiological recovery timeframes. These gold-standard duration guidelines represent "uncomplicated" cases and are tiered according to the activity level of the injured or ill patient.

POPULATION DATABASE: Serving as the foundation of MDGuidelines, the database leverages a proprietary collection of more than 15 million real-world illness and injury cases, covering more than 13,000 diagnoses. Our Population Database is the largest of its kind in the industry.

PREDICTIVE MODEL: Our predictive model presents a "case-specific" view of a duration estimate by allowing the user to query the Population Database by medical code and control for variables such as age, gender and comorbidities. The resulting predicted values are a helpful benchmark to see what can happen when a case isn't properly managed to the physiological duration.

INSURERS

EMPLOYERS

HEALTHCARE PROVIDERS

CASE MANAGERS

15 MILLION CLAIMS

Our Population Database is the largest of its kind in the industry.

To learn more about how your organization can lower costs and improve outcomes, visit **www.mdguidelines.com** or reach out to **healthcare@mdguidelines.com.**