

ODG Guidelines for Workers' Compensation:

Optimizing Return-to-Work with Evidence-Based Clinical Decision Support

Ohio Bureau of Workers' Compensation Medical & Health Symposium

April 8, 2022

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Agenda



- ODG by MCG
 - Who are we?
 - Methodology
 - Customer Experience
 - ► Evidence-based clinical decision support
 - ► Return-to-work
 - Track Record
- Conclusions
 - Patients, not payments

Learning Objectives



- 1. Summarize how ODG guidelines can be used to drive the most appropriate medical interventions in workers' compensation cases
- Explain real world situations where variances from the ODG guidelines can be appropriately documented to support clinical decisions
- Evaluate examples where ODG's evidence-based guidance has improved worker healthcare outcomes and achieved cost savings



How Customers Describe ODG

Unbiased, evidence-based guidelines that unite payers, providers, and employers in the effort to confidently and effectively return employees to health.



HEARST

- ► ODG established in 1995 as Work Loss Data Institute (WLDI)
- ► Launched evidence-based (EBM) Treatment Guidelines in 2003
- ODG adopted by Ohio BWC in 2004
- ODG acquired by Hearst/MCG Health in 2017
- Sister Hearst Health companies: Zynx, FDB (First Databank), HomeCare HomeBase, and MHK (formerly MedHOK)
- ► Hearst Health Mission: To help guide the most important care moments by delivering vital information into the hands of everyone who touches a person's health journey
- ➤ Each year in the U.S., care guidance from Hearst Health reaches 85 percent of discharged patients, 205 million insured individuals, 99 million home health visits and 3.2 billion dispensed prescriptions







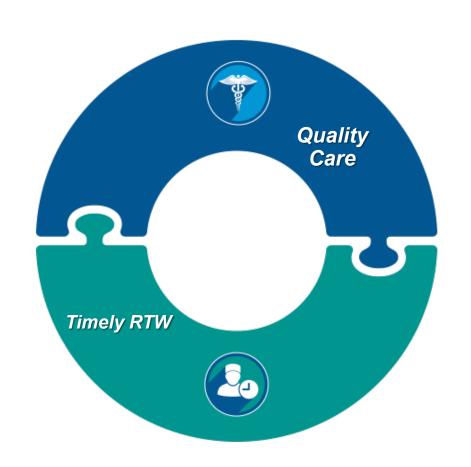
Methodology

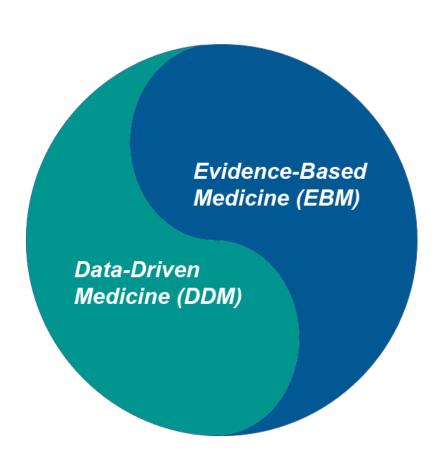
Pragmatic process leveraging traditional medical literature review supplemented by claims analytics, from the worldwide leader in evidence-based medicine guidelines, consistently the highest-rated for workers' compensation.



What Factors Drive Claim Duration?

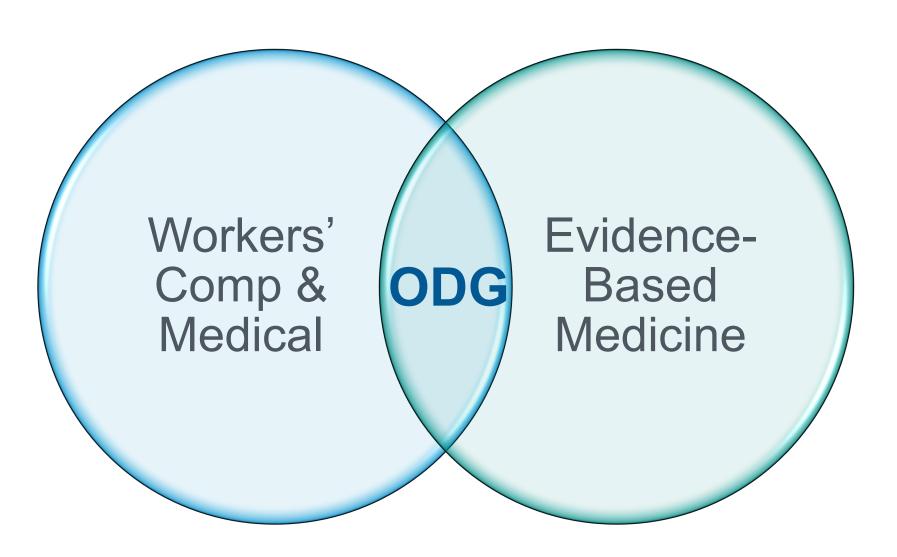






Evidence-Based Medicine & ODG





Evidence-Based Medicine

New or revised ODG guidelines published, archive / log updated

Literature search
by MCG Editors
with proprietary
software on top of
PubMed

Odg by mcg

If major changes, circulated back to Board

Board feedback incorporated into guideline by MCG Editors

EBM

MCG Editors
request selected
full-text
articles from
MCG librarians

New, revised, and draft ODG guidelines are sourced right into the medical literature, so both reviewers and users can consult the studies

New or revised
guidelines
circulated to
Advisory Board
for feedback

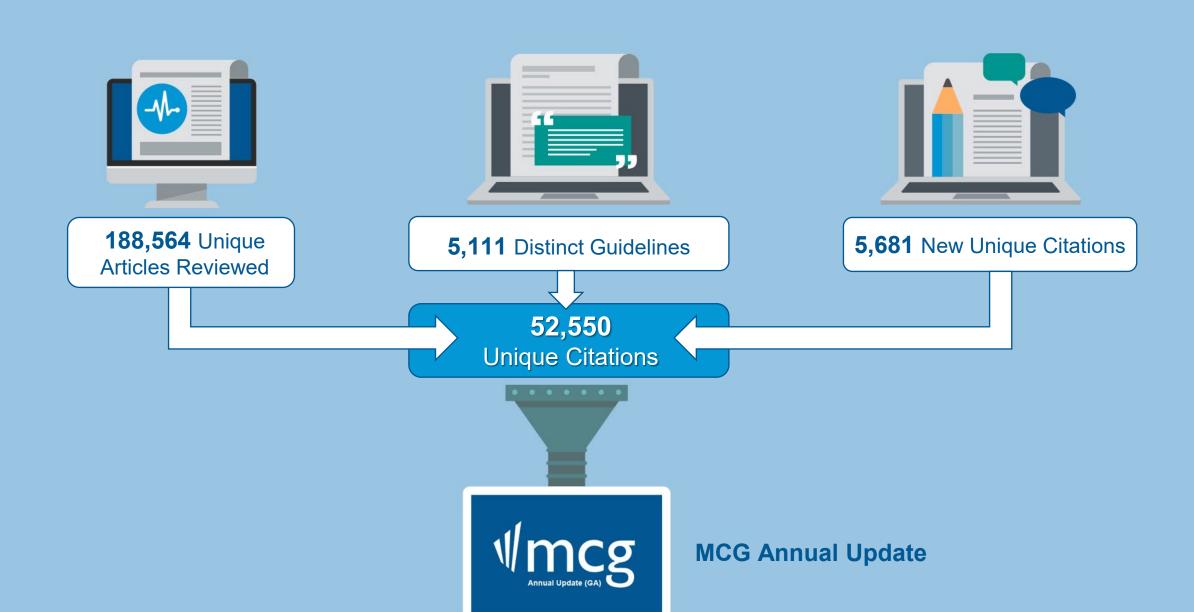
New or revised guidelines approved by chapter leads and Editor-in-Chief

MCG Clinical
Editors draft new
guidelines or
quideline

revisions

MCG
Methodologists
grade studies
based on design
& quality

ODG guideline
review and update
process in continuous
operation, with
literature searches for
each topic at least
annually



ODG Evidence Grading



ODG by MCG Citation Formatting Changes

As part of a move to improve the end-user experience, ODG by MCG is simplifying our previous study rating system (study type 1-11 and study quality a-c) to one with just 3 Evidence Grades (which is also used by the MCG care guidelines). Cited references in the Evidence Summary are graded according to level of authoritativeness. The evidence hierarchy is as follows:

- (EG 1) Evidence Grade 1:
 - Meta-analyses
 - Randomized controlled trials with meta-analysis
 - Randomized controlled trials
 - Systematic reviews
- (EG 2) Evidence Grade 2:
 - Observational studies; examples include:
 - Cohort studies with statistical adjustment for potential confounders
 - Cohort studies without adjustment
 - Case series with historical or literature controls
 - Uncontrolled case series
 - Published guidelines
 - Statements in published articles or textbooks
- (EG 3) Evidence Grade 3:
 - Unpublished data; examples include:
 - Large database analyses
 - Written protocols or outcomes reports from large practices
 - Expert practitioner reports



ODG External Review



Editorial Advisory Board

- ODG's Editorial Advisory Board is comprised of about 100 physicians who are engaged to perform peer review on an annual basis
- ODG researchers, editors, and authors are not volunteers who might have other priorities
- ODG's editorial staff are focused on one objective: creating the highest quality evidence-based guideline for workers' compensation and disability

Anatomy of an ODG Guideline



- A. Recommendation Grade
- Recommended (R), Conditional (CR), Not Rec (NR)
- **B.** Recommendation Statement
- C. See Also (Related Topics)
- D. ODG Criteria
- Patient selection, number of visits
- E. Clinical Evidence Summary
- F. Links into the References/Studies



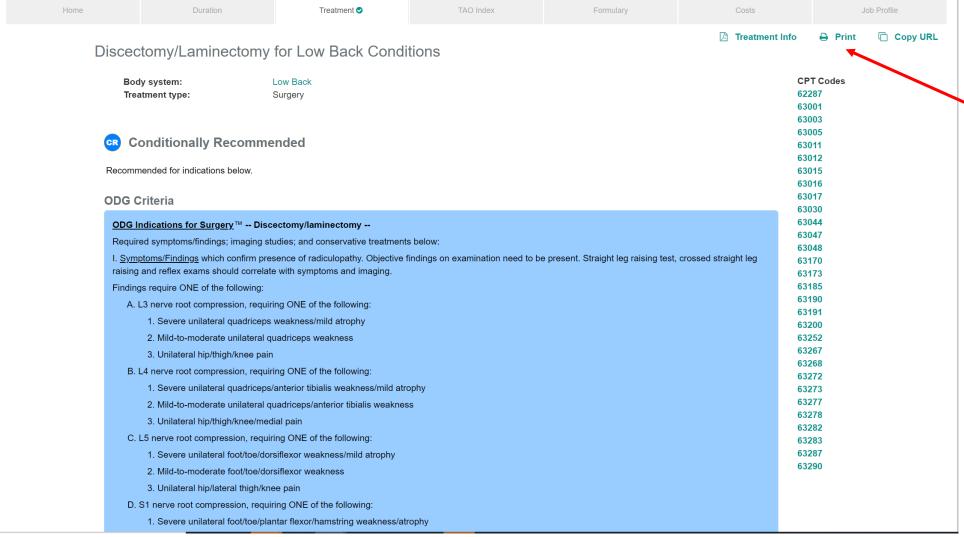
Customer Experience

- Evidence-based, clinical decision support
- Return-to-Work decision support



Treatment Guideline Screenshot





Prints to PDF for documentation and/or sharing.

Evidence-Based Guidelines

Links Directly to the Evidence



complications (56.4%) in spinal fusion procedures, especially related to instrumentation. (Campbell, 2011) The type of fusion procedure may also affect perioperative morbidity and mortality, with procedure related complications in 15.7% for Posterior Spinal Fusion, 18.7% for Anterior Spinal Fusion and 23.8% for Anterior/Posterior Spinal Fusion patients. (Memtsoudis, 2011) Another long-term complication to consider is described in Adjacent segment disease/degeneration (fusion).

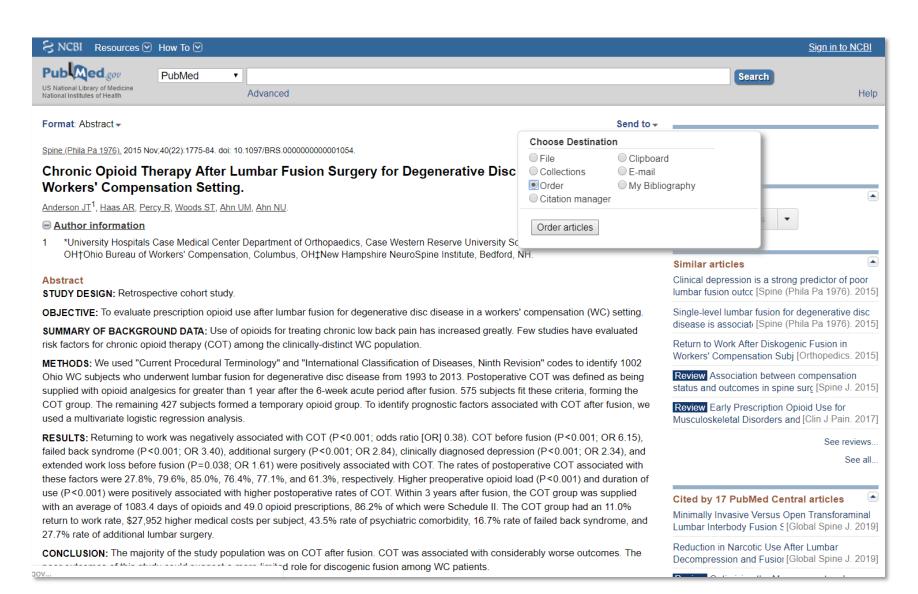
A systematic review by the International Society for the Study of the Lumbar Spine estimated the odds of common complications associated with spinal surgery with a goal of helping surgeons provide evidence based information to patients. (Ng. 2011)

Additional risk considerations include potential continued and increased opioid use post-fusion. At a two-year follow-up, 76% of post-fusion Ohio cohorts were still taking opioids. Estimated increase in mean opioid MED was 41% post fusion in the Ohio study. (Nguyen, 2011) (Anderson, 2015) The 3-year cumulative mortality rate in the Washington State study post-fusion was 1.93% and analgesic-related deaths were responsible for 21% of all deaths and 31.4% of all potential life lost. (Juratli, 2009)





PubMed







ODG Drug Formulary Screenshot



Drug Formulary (Appendix A) Details

 Drug Class
 Generic Name
 Innovator brand
 Note
 Generic (GE)
 Status
 Cost

 Anti-epilepsy drugs (AEDs)
 Gabapentin
 Neurontin ®, Gabarone ™
 Yes
 \$20.66

Gabapentin (Neurontin®)

Body system: Low Back
Treatment type: Medications

See Treatment Tab

Recommended (generally)

Recommended as a trial for lumbar spinal stenosis (LSS). Gabapentin, which has been used in the treatment of neuropathic pain, may be effective in the treatment of symptoms associated with LSS.

Gabapentin (Neurontin®)

Body system: Pain
Treatment type: Medications

See Treatment Tab

Conditionally Recommended

Recommended for some neuropathic pain conditions in trial protocols outlined in Criteria for Use. Recommendations based on limited research include for radiculopathy and neurogenic claudication due to spinal stenosis. Not recommended for chronic, non-specific, axial low back pain.

ODG Criteria

• The patient's diagnosis should include evidence of a neuropathic etiology. There are multiple causes of neuropathy outside of that related to injury/trauma/surgery. Frequent causes include those related to diabetes, alcohol use, and/or hepatitis C. The latter are generally not work related.



Using Data (DDM) to Supplement EBM



ODG UR Advisor with TAO







15-30% are routed for review

Data-Driven Medicine Claims Analytics

odg by mcg

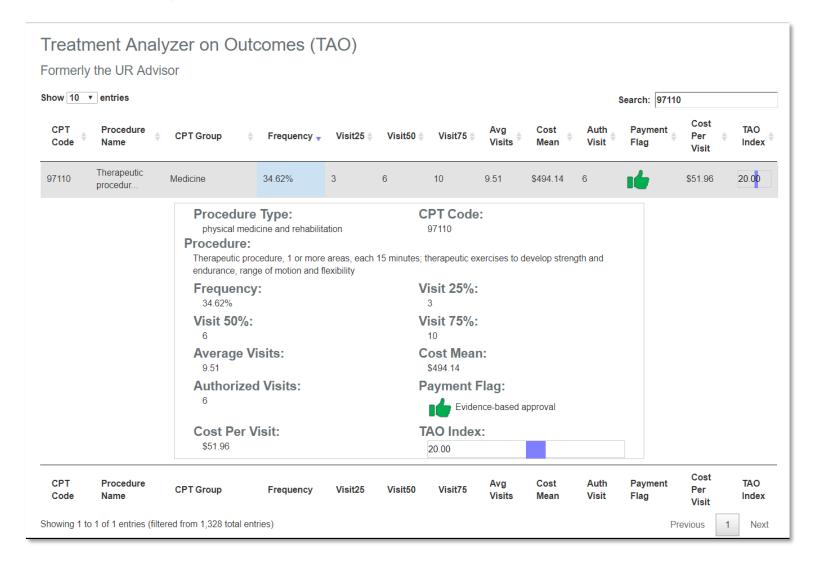
Screenshot of the TAO/UR Advisor

Back spi	rain										
Treatment Analyzer on Outcomes (TAO)											
Formerly the UR Advisor											
Show 10 v entries Search:											
Procedure Code	Procedure Name	Procedure Group	Frequency 🔻	Median Visits	Avg Visits	Cost Mean	Auth Visit	Payment Flag	TAO Index		
99213	Office or othe	Office/other outpatient services	52.47%	2	5.87	\$298.12	6	16	41.8 <mark>2</mark>		
97110	Therapeutic pr	physical medicine and rehabilitation	36.46%	7	14.80	\$805.33	6	16	25.8 <mark>3</mark>		
97014	Application of	physical medicine and rehabilitation	35.70%	9	19.30	\$336.80	4	<u></u>	32.0 <mark>5</mark>		
99203	Office or othe	Office/other outpatient services	33.20%	1	1.26	\$110.17	1	16	48.0 <mark>7</mark>		
99283	Emergency depa	Emergency department services	28.74%	1	1.52	\$166.10	1	<u></u>	47.9 <mark>5</mark>		
72100	Radiologic exa	Codes for Radiology	28.68%	1	1.68	\$103.00	1		38.3 <mark>3</mark>		
99214	Office or othe	Office/other outpatient services	28.13%	2	4.44	\$314.81	1	<u></u>	24.9 <mark>0</mark>		
97001	Physical thera	physical medicine and rehabilitation	24.83%	1	1.39	\$125.43	1	16	19.87		



TAO Index: Green

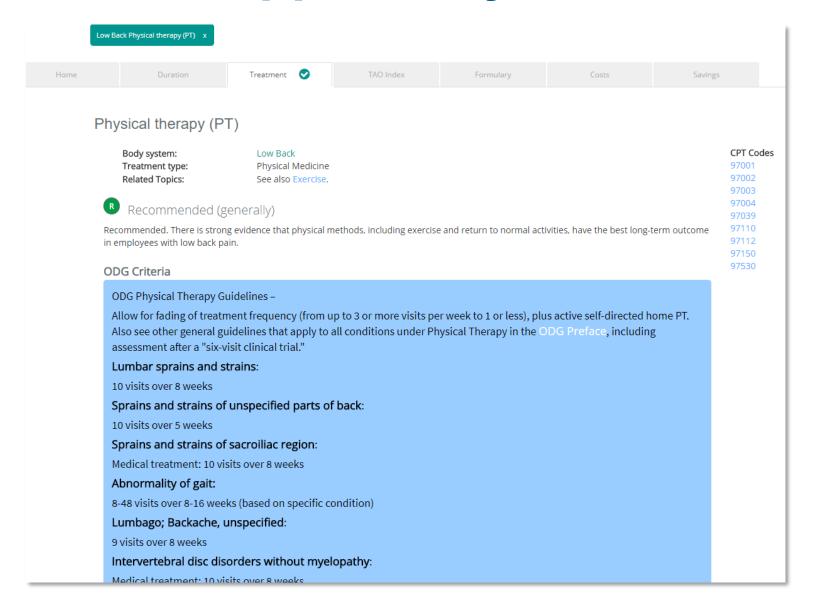
Approve by Evidence-Based Medicine







Green: Approve by EBM

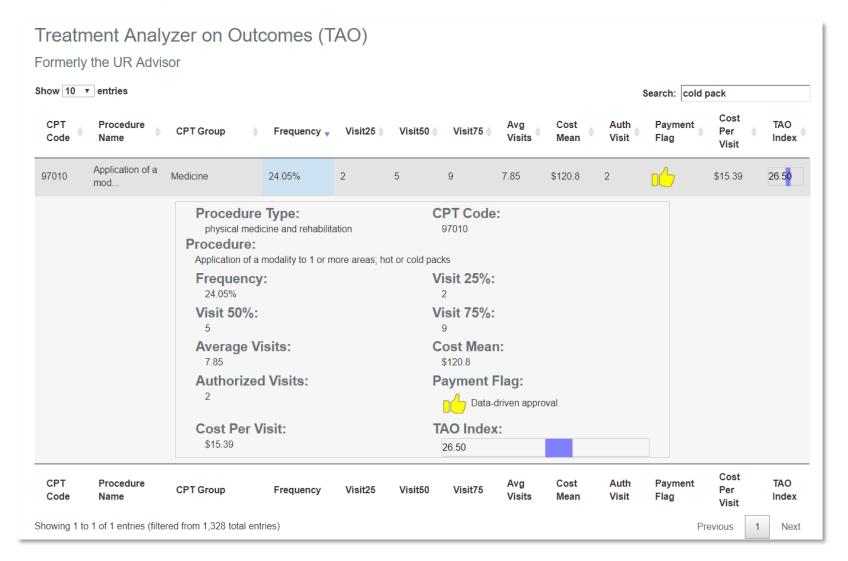






TAO Index: Yellow

Approve by Data-Driven Medicine



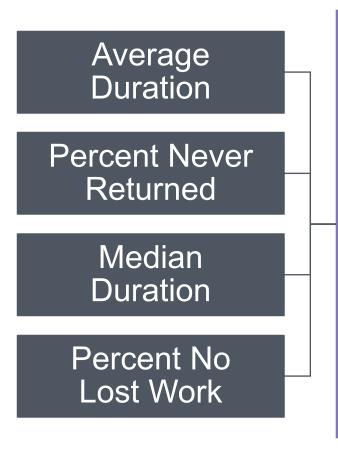




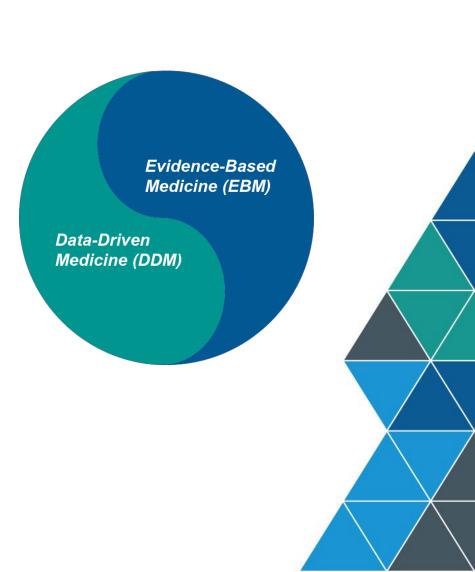
The TAO Index



Diagnosis Procedure Relative Performance







The TAO Index

Odg by mcg

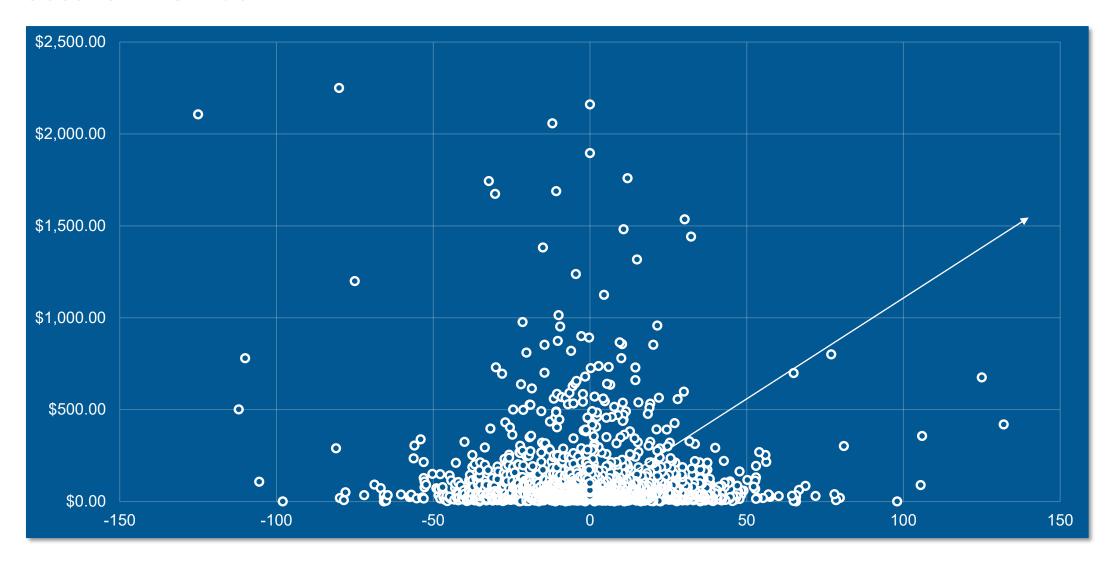
Scoring Risk at Treatment Level

it Payment Flag	Cost Per Vist A	Avg Duration Pc	ct Zero Duration Po	t never Returned M	1edian Duration #	#Cases	Average Rat	tio M	ledian Ratio	Zero Day	P	ercentNever	Total without Zero Day	
0 Red	\$11.77	208.84	22.46%	31.08%	201	1358		0.81	0.74		0.26	0.38		1.93
0 Red	\$46.21	137.54	27.65%	23.37%	66.5	1870		0.19	0.42		0.08	0.04		0.19
0 Red	\$64.33	157.29	27.77%	26.55%	98	1631		0.36	0.15		0.08	0.18		0.39
1 Yellow	\$6.55	144.54	20.70%	30.47%	87	3827		0.25	0.25		0.31	0.36		0.36
0 Red	\$255.36	184.56	14.51%	36.34%	158	2895		0.60	0.37		0.52	0.62		1.58
0 Red	\$352.49	85.97	18.28%	23.72%	26	1543		0.26	0.77		0.39	0.05		0.97
1 Yellow	\$55.65	120.86	24.15%	25.24%	46	2936		0.05	0 .60		0.20	0.12		0.43
1 Yellow	\$49.59	105.94	20.29%	22.73%	33	2455		0.08	0.71		0.33	0.01		0.79
1 Yellow	\$53.68	83.59	33.28%	19.23%	20	5414		0.28	0.83		0.10	0.14		1.25
1 Yellow	\$92.51	87.07	29.48%	19.50%	23	5122		0.25	0.80		0.02	0.13		1.18
0 Red	\$79.59	101.16	32.63%	22.18%	34	2038		0.12	0.71		0.08	0.01		0.84
1 Yellow	\$52.30	78.94	35.23%	17.25%	18	6661		0.32	0.84		0.17	0.23		1.39
1 Yellow	\$85.62	72.96	29.57%	14.69%	17	2594		0.37	0.85		0.02	0.35		1.57
1 Yellow	\$69.73	61.99	35.49%	14.13%	12	39034		0.46	0.90		0.18	0.37		1.73
1 Yellow	\$93.80	69.32	35.79%	15.41%	14	25169		0.40	0.88		0.19	0.31		1.59
1 Yellow	\$81.93	98.39	34.87%	18.98%	29	3740		0.15	0.75		0.16	0.16		1.05
0 Red	\$428.67	146.16	15.97%	31.70%	83	1653		0.27	0.28		0.47	0.41		0.40
0 Red	\$378.45	157.33	29.41%	29.54%	103	3057		0.36	0.11		0.03	0.31		0.57
0 Red	\$450.92	147.93	25.71%	28.08%	95	1435		0.28	0.18		0.15	0.25		0.35
1 Yellow	\$582.95	123.88	24.05%	23.84%	62	20898		0.07	0.46		0.20	0.06		0.33
0 Red	\$1,048.09	165.45	19.12%	30.79%	116	1679		0.43	0.01		0.37	0.37		0.81
1 Yellow	\$48.78	88.82	26.90%	21.56%	25.5	4536		0.23	0.78		0.11	0.04		1.05
0 Red	\$66.81	70.7	32.57%	17.26%	14	1790		0.39	0.88		0.08	0.23		1.50
1 Yellow	\$46.31	109.95	34.08%	21.37%	42	3533		0.05	0.64		0.13	0.05		0.73
0 Red	\$44.29	101.9	38.10%	19.80%	35	1525		0.12	0. 70		0.26	0.12		0.93
0 Red	\$278.01	174.23	32.46%	29.21%	130	1633		0.51	0.13		0.08	0.30		0.94
1 Yellow	\$59.36	86.36	29.91%	19.99%	24	2681		0.25	0.7 9		0.01	0.11		1.15
0 Red	\$42.09	103.58	30.97%	22.92%	31.5	1553		0.10	0.73		0.03	0.02		0.81
0 Red	\$46.51	119.55	33.99%	21.79%	50	1427		0.04	0.57		0.13	0.03		0.56
0 Red	\$65.33	106.3	33.10%	20.20%	34	1272		0.08	0.71		0.10	0.10		0.89
0 Red	\$49.48	96.39	31.57%	21.79%	28	1340		0.16	0.76		0.05	0.03		0.95
0 Red	\$340.55	149.83	28.47%	28.84%	94	1623		0.30	0.19		0.06	0.28		0.40
0 Red	\$36.38	205.14	23.86%	34.03%	208.5	1781		0.78	0.81		0.21	0.51		2.10
0 Red	\$112.51	179.57	17.11%	38.73%	141	1712		0.56	0.22		0.43	0.72		1.50
1 Yellow	\$32.20	143	13.32%	32.59%	87	1396		0.24	0.25		0.56	0.45		0.44
1 Yellow	\$6.81	114.59	38.32%	20.36%	30	1336		0.01	0.74		0.27	0.09		0.84

The TAO Index

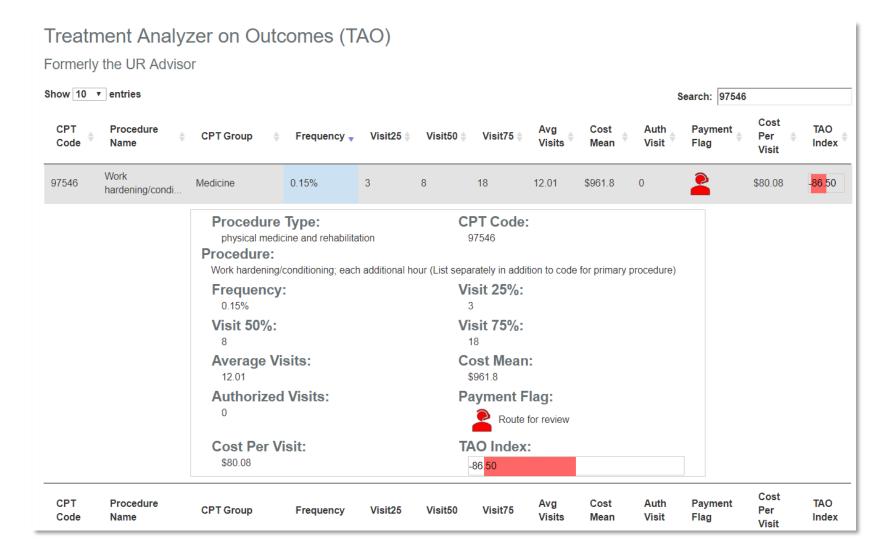
Cost vs. TAO Index





TAO Index: Red

Route for Review (Conditional)







Conditionally Recommended Criteria



CR

Conditionally Recommended

Recommended as an option, depending on the availability of quality programs, using the criteria below.

ODG Criteria

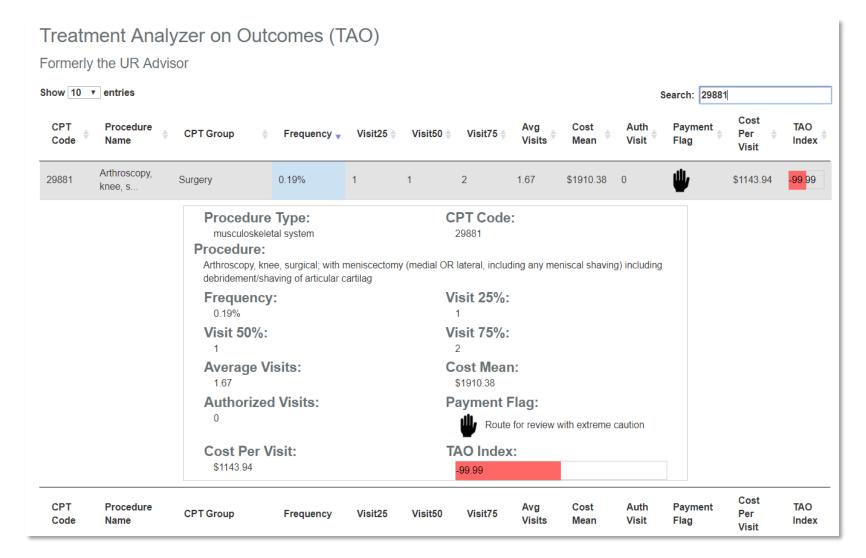
Criteria for admission to a Work Hardening (WH) Program:

- (1) Prescription: The program has been recommended by a physician or nurse case manager, and a prescription has been provided.
- (2) Screening Documentation: Approval of the program should include evidence of a screening evaluation. This multidisciplinary examination should include the following components: (a) History including demographic information, date and description of injury, history of previous injury, diagnosis/diagnoses, work status before the injury, work status after the injury, history of treatment for the injury (including medications), history of previous injury, current employability, future employability, and time off work; (b) Review of systems including other non-work-related medical conditions; (c) Documentation of musculoskeletal, cardiovascular, vocational, motivational, behavioral, and cognitive status by a physician, chiropractor, or physical and/or occupational therapist (and/or assistants); (d) Diagnostic interview with a mental health provider; (e) Determination of safety issues and accommodation at the place of work injury. Screening should include adequate testing to determine if the patient has attitudinal and/or behavioral issues that are appropriately addressed in a multidisciplinary work hardening program. The testing should also be intensive enough to provide evidence that there are no psychosocial or significant pain behaviors that should be addressed in other types of programs, or will likely prevent successful participation and return-to-employment after completion of a work hardening program. Development of the patient's program should reflect this assessment.
- (3) Job demands: A work-related musculoskeletal deficit has been identified with the addition of evidence of physical, functional, behavioral, and/or vocational deficits that preclude ability to safely achieve current job demands. These job demands are generally reported in the medium or higher demand level (i.e., not clerical/sedentary work). There should generally be evidence of a valid mismatch between documented, specific essential job tasks and the patient's ability to perform these required tasks (as limited by the work injury and associated deficits).
- (4) Functional capacity evaluations (FCEs): A valid FCE is recommended prior to admission to a Work Hardening (WH) program, with preference for assessments tailored to a specific task or job. This evaluation should be performed, administered and interpreted by a licensed medical professional. The results should indicate consistency with maximal effort, and demonstrate capacities below an employer verified physical demands analysis (PDA). Inconsistencies and/or indication that the patient has performed below maximal effort should be addressed prior to treatment in these programs.
- (5) Previous PT: There is evidence of treatment with an adequate trial of active physical rehabilitation with improvement followed by plateau, with evidence of no likely benefit from continuation of this previous treatment. Passive physical medicine modalities are not indicated for use in any of these approaches.
- (6) Rule out surgery: The patient is not a candidate for whom surgery, injections, or other treatments would clearly be warranted to improve function (including further diagnostic evaluation in anticipation of surgery).



TAO Index: Black

Indicates Inappropriate Care







If Treatment Guidelines are Like Speed Limits...





























Set Them Too Low...



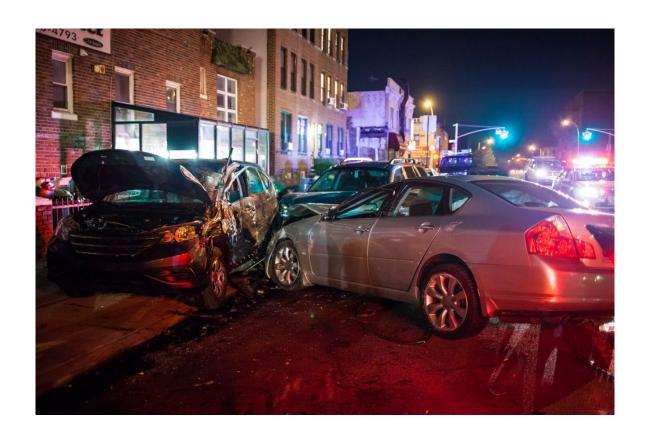




Guidelines that are too restrictive cause unnecessary delays, disputes, denials and friction which prevents workers from getting needed medical care and drives good doctors out of the system.

Set Them Too High...







Bad guidelines are worse than having no guidelines. If you set speed limits at 150 mph, congratulations, you don't have any speed limits, and you have rendered existing controls like UR impotent.



Set Them Just Right...



Guidelines should use UR judiciously, auto-approving care while limiting excessive/inappropriate utilization. Expertise in guideline development/delivery always comes with a track record.





What Other Factors Drive RTW?



- Getting a release to work from the physician and availability of modified duty, and detailed job demands
- Ultimate measure of post-injury success in workers' comp is disability duration
 - Best thing you can do for injured workers is keep them working or bring them back ASAP
 - Make the medical-only claim your best friend
 - Keep indemnity claims from becoming outliers
- Make it work with work restrictions!

ODG Return-to-Work Guidelines



Add Diagnosis, Demographics, Job Title, Confounding Factors

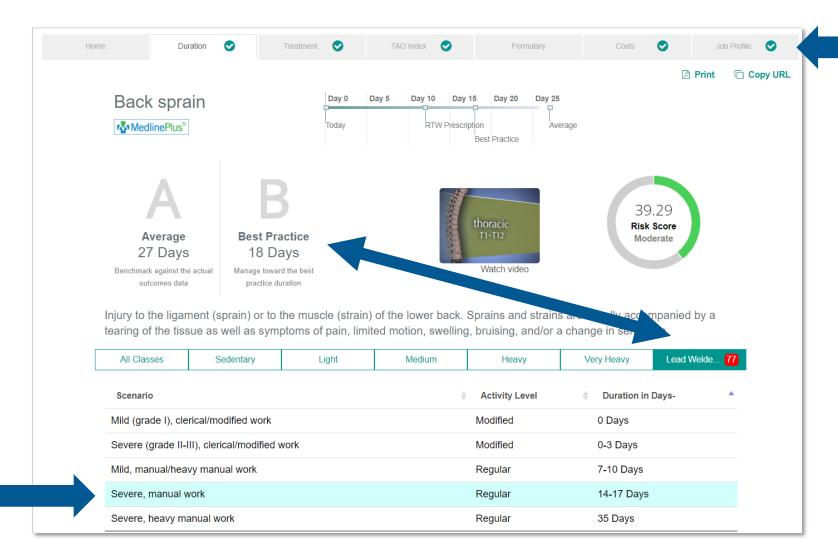
	ch for additional cor	nditions			REFIN
Back sprain	X				
Refir	ne Results				
Job T	itle or DOL Job Class	NEW	State	Claimant Age	
weld	er	-	All States	•	
Weld	er Arc				
	er Gas		T4 DTM D-4- 00	Oleim Tone	
Weld	er Gun		Target RTW Date ##	Claim Type	
Lead	Welder		mm/dd/yyyy	Any	•
c Spot	Welder				
_	er Tack				
Weld	er Fitter		Diabetes	Hypertension	
Weld	er Helper		Obesity	Smoker	
	er Repair		Substance Abuse	Surgery or Hospital Stay	,
	er Plastic				



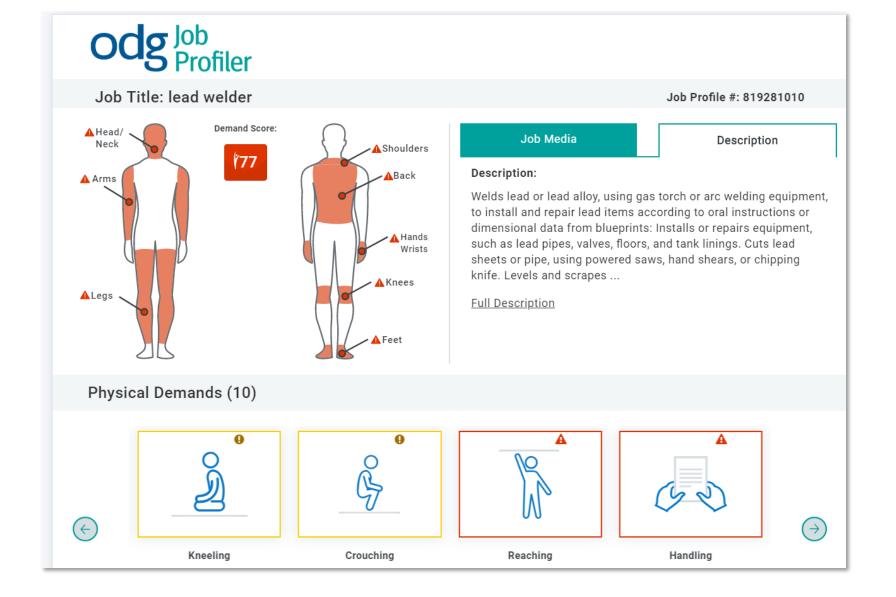
ODG Return-to-Work Guidelines

odg by mcg

Job-Specific Durations and Job Descriptions



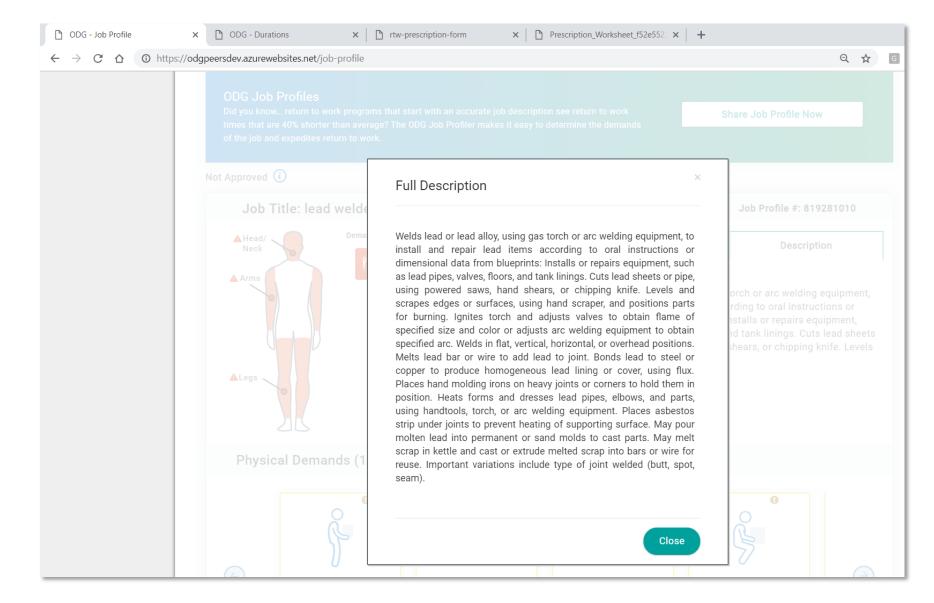
ODG Job Profiler







ODG Job Profiler

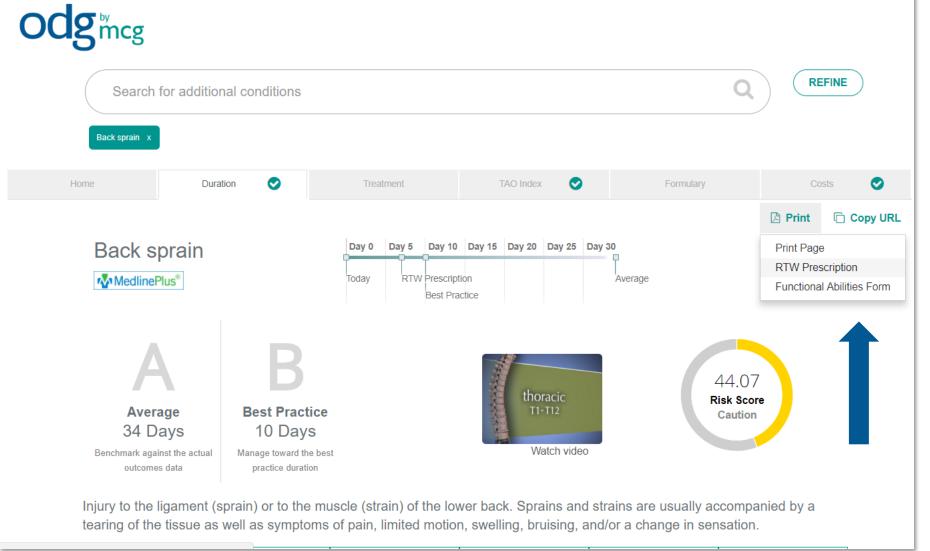






Export RTW Prescription





The RTW Prescription

Export as a PDF File





ODG RTW Prescription Form

GENERAL INFORMATION				
From the desk of: Phil LeFevre	Employer MCG Health			
Email phil.lefevre@mcg.com	Telephone 5127824439			
Employee John Doe	Claim Number 12345			
Physician Dr. James Andrews	Date of Injury 01/21/2019	Surgery Date		
Job Title Lead Welder	Job Physical Demand Level Medium			

Job Description:

Welds lead or lead alloy, using gas torch or arc welding equipment, to install and repair lead items according to oral instructions or dimensional data from blueprints: Installs or repairs equipment, such as lead pipes, valves, floors, and tank linings. Cuts lead sheets or pipe, using powered saws, hand shears, or chipping knife. Levels and scrapes edges or surfaces, using hand scraper, and positions parts for burning. Ignites torch and adjusts valves to obtain flame of specified size and color or adjusts arc welding equipment to obtain specified arc. Welds in flat, vertical, horizontal, or overhead positions.

Please review and modify (if needed) the enclosed ODG guidelines for return-to-work. I have also added a Job Function Evaluation form if you prefer that format. We would like to put a RTW plan in place and can have modified duty available if needed. Please contact me with any questions or concerns, or just return the form with signature. Thank you!

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		J	٠.	_	_		

Back sprain

ODG Return-To-Work Best Practice Guidelines:

ODG target RTW duration: 18 Days

Capabilities and Activity Modifications for Restricted Work:

Modified

Right Arm

Neck

In lieu of this form, please feel free to submit a state-specific Work Status Report, as may be available and/or required from the workers' compensation division in your state.

20. MEDICATION RESTRICTIONS (if any):

Advised to take over-the-counter meds

Must take prescription medication(s)

ODG Job Function Evaluation Form

		5. Doctor's Name and Degree			(for transmission purposes only)	Date Being Sent	
PART I: GENERAL	Dr. Jame	es Andrew	/S				
1. Injured Employee's Name	6. Clinic/Facility Name			9. Employer's Name			
John Doe					MCG Health		
2. Date of Injury	3. Social Security Number (last 4)	7. Clinic/Facility/Doctor Phone & Fax		10. Employer's Fax # or Email Address (if known)			
01/21/2019	XXX-XX-						
Employee's Description of Injury/Accident		8. Clinic/Facility/Doctor Address (street address)		11. Insurance Carrier			
	City	State	Zip	12. Carrier's Fax # or Email Address	s (if known)		
PART II: WORK STATUS INFORMATION (FULLY COMPLETE ONE INCLUDING ESTIMATED DATES AND DESCRIPTION IN 13(c) AS APPLICABLE)							

13. The injured employee's medical condition resulting from the workers' compensation injury:

_ (a)) will allow tr	ie employee to return to work as of	(date) without restrictions.
[(b)	will allow th	e employee to return to work as of	(date) with the restrictions identified in PART III, which are expected to last
41	and the second	(data)	

(date) and is expected to continue through (date). (date) and is expected to continue through (date). (fine following describes how this injury prevents the employee from returning to work:

□ Left Foot/Ankle

Right Foot/Ankle

PART III: ACTIVITY RESTRICTIONS* (ONLY COMPLETE IF BOX 13(b) IS CHECKED 19. MISC. RESTRICTIONS (if any): 14. POSTURE RESTRICTIONS (if anv): 17. MOTION RESTRICTIONS (if anv): Max Hours per day: 0 2 4 6 8 Max Hours per day: 0 2 4 6 8 Max hours per day of work: Sit/Stretch breaks of Climbing stairs/ladders Must wear splint/cast at work Kneeling/Squatting Grasping/Squeezing Must use crutches at all times Wrist flexion/extension Bending/Stooping No driving/operating heavy equipment Pushing/Pulling Can only drive automatic equipment Twisting Overhead Reaching No work/ hours/day work in extreme hot/cold environments at heights or on scaffolding Must Keep □ elevated □ clean & dry 15. RESTRICTIONS SPECIFIC TO (if applicable): Other: Add Motion Restriction No skin contact with: Left Hand/Wrist Left Leg 18. LIFT/CARRY RESTRICTIONS (if any): Dressing changes necessary at work Right Hand/Wrist Right Leg May not lift/carry objects more than ■ No Running Left Arm Back for more then

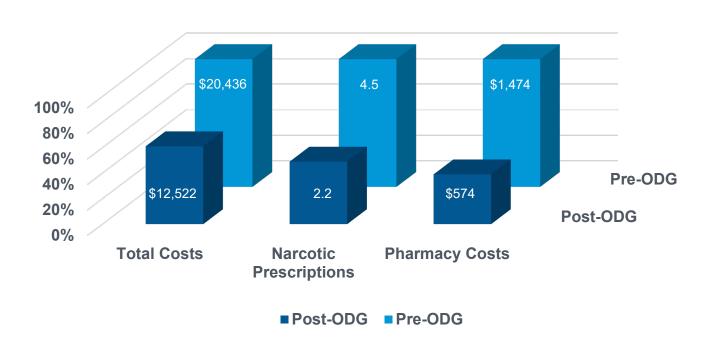
May not perform any lifting/carrying

Outcomes from RTW Prescription



- ESIS, global risk management TPA, implements ODG and begins citing ODG in letters to providers:
 - Total claim costs down 39% (from \$20,436 to \$12,522/claim)
 - Narcotics prescriptions drop 50%, pharmacy costs down 60%

Total Cost and Drug Data Per Claim







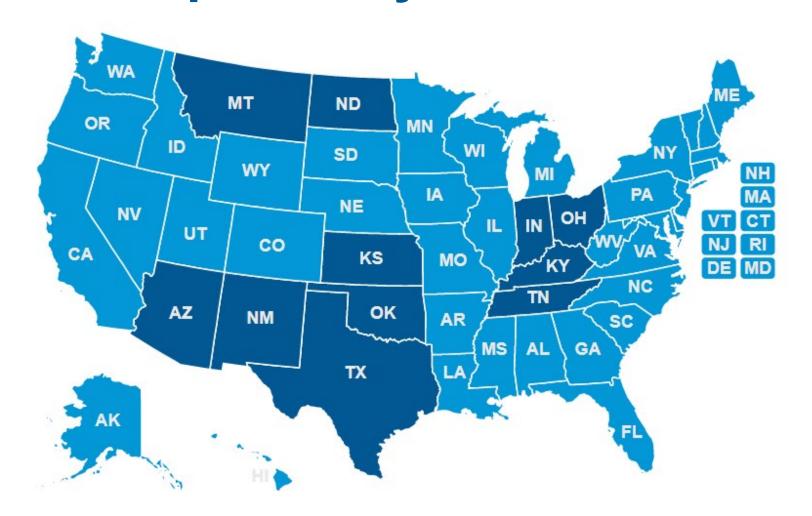
Track Record

ODG has been adopted by more states than any other guideline, with a proven, unparalleled track record for delivering massive improvement in outcomes.



ODG Adoptions by State







https://www.mcg.com/odg/client-resources/state-adoptions/

Proving Ground: Ohio

Odg by mcg

Adopted ODG in 2003

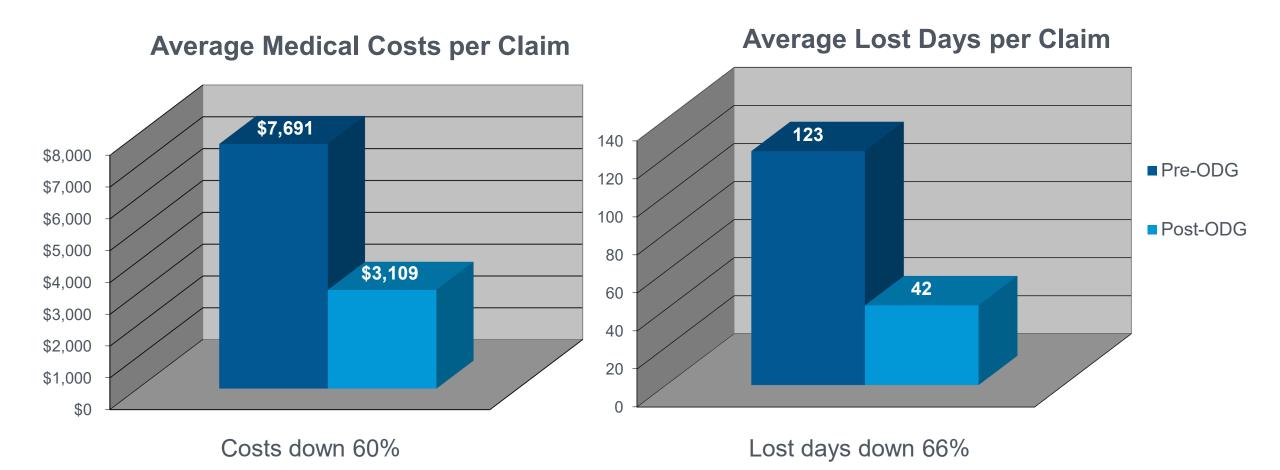
- Ohio BWC, monopoly state fund, adopts ODG statewide beginning November 2003
- Diagnosis Related Authorization Pilot in 2004 focusing on top 30 workers' comp conditions
 - Authorization letters sent to providers to treat in accordance with ODG (treatment plan by diagnosis)
 - Concept of prior (as opposed to pre-) authorization
 - Put the guidelines in the hands of treating doctors
- What kind of impact did this have on outcomes?
 - Treatment delay reduced 77%



Ohio ODG Adoptions

Results for Top 30 Conditions





Ohio Experience Feedback

Positive Responses from Providers

- "I think this program sounds like it will become a time saving & effective tool in bettering or improving the current process"
- "Best part was that the injured worker did not have to wait for the treatment. Also cut down on paperwork"
- "These innovative methods must be supported & further explored"
- "Would like to see this used with all MCOs"
- "The physicians thought highly of the ODG program"
- "If I was able to pull up the ODG guidelines per patient on the web, that would be great"
- "We like the concept"



Provider Poll:
"Did you feel that
ODG met the needs
of your injured
workers?"

Average score was 4.18 on scale of 1-5.

Ohio Experience



Deloitte Consulting Study of Ohio Workers' Comp System

- Mandated by Ohio Assembly to measure performance and make system recommendations for improvement
- One of Deloitte's major recommendations is to further strengthen Ohio's adoption of ODG:
 - "Should require all MCOs to use ODG in UR"
 - "The bureau should be prescriptive and mandate the use of ODG"
 - "ODG is the emerging standard for UR decisions and expected disability duration"
 - "Specification of ODG for medical treatment is expected to yield a positive impact and needed consistency in managing providers"
 - Recommends Ohio adopt ODG for RTW as well www.ohiobwc.com/deloitte

Source: *The Deloitte Study.* Ohio Bureau of Workers' Compensation. Accessed from https://www.bwc.ohio.gov/basics/Deloitte/default.asp

Ohio Experience

Odg by mcg

17 Years of Positive Results

- February 2020: Ohio Bureau of Workers Compensation proposes a 13% premium rate reduction
- This follows a 10% rate reduction in 2019
- If approved, the 2020 rate cut marks the third rate cut in three years, and the 11th since 2008



Proving Ground: North Dakota



Adopted ODG in 2005

- Work comp premiums (already lowest in nation) drop another 40%
- \$52 million in premium dividend credits returned to employers
- Described as "one of largest direct cash infusions into ND economy" by House Majority Leader, Rick Berg

Perennial top ranked state in the Oregon WC Ranking – #1 every year since ODG adoption



Proving Ground: Texas



Adopted ODG Treatment Guidelines in 2007, Drug Formulary in 2011

- Workers' comp premiums down 63%
- Average lost-time down 34%, median 30%
- RTW rates way up (acute, sub-acute, chronic)
- Medical costs down 30% (N Drugs down 81%)
- Denial rates reduced by 50%
- Access to care up 42%
- Jumps 26 slots in WC Premium Ranking
- State Report Cards in WC from F to B

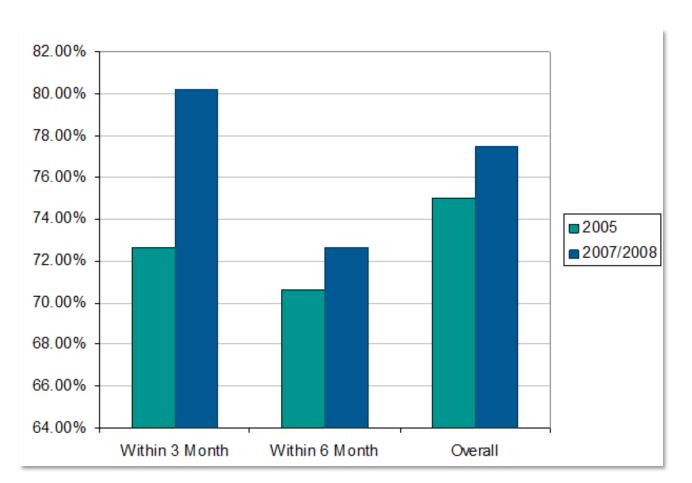
National Academy of Social Insurance (NASI) study:
Texas now the lowest-cost state



Texas Experience

Odg by mcg

Adopted ODG Treatment Guidelines in 2007, Drug Formulary in 2011



Comparisons of RTW rates pre-ODG vs. post-ODG

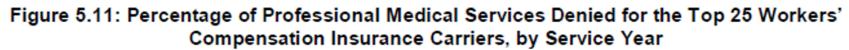
- Within three months of injury, RTW rate is significantly higher for post-ODG sample
- RTW rates also higher within six months after injury and overall

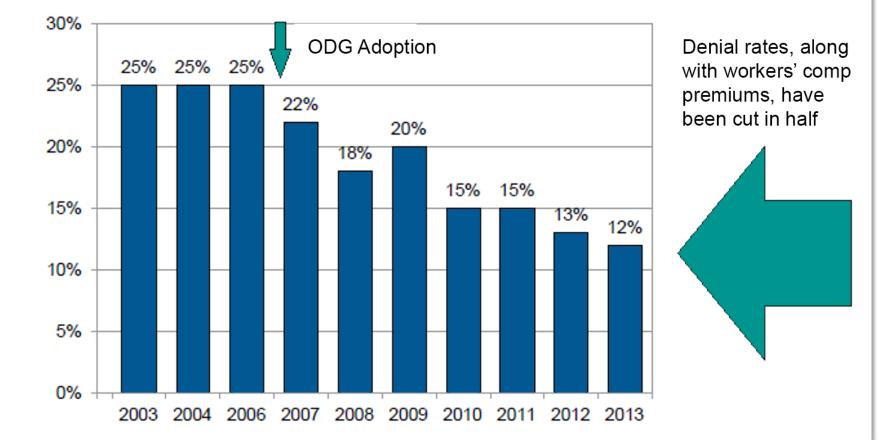




Medical Denial Rates in Texas Post-ODG



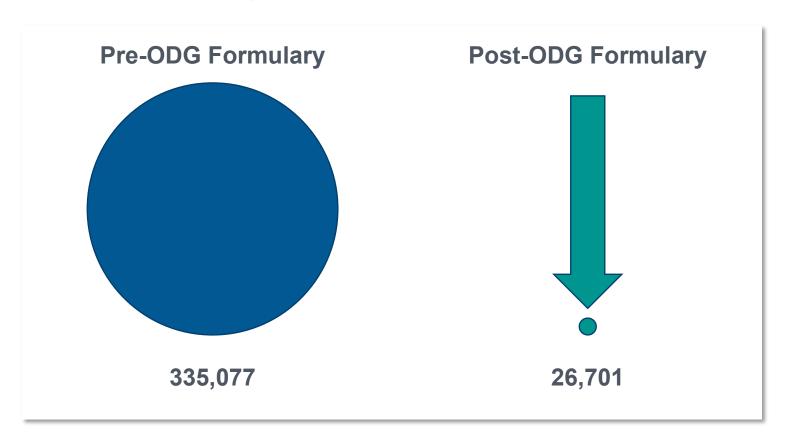




N Drug Use in Texas



Number of N Drug Prescriptions per Year 2009 vs. 2015



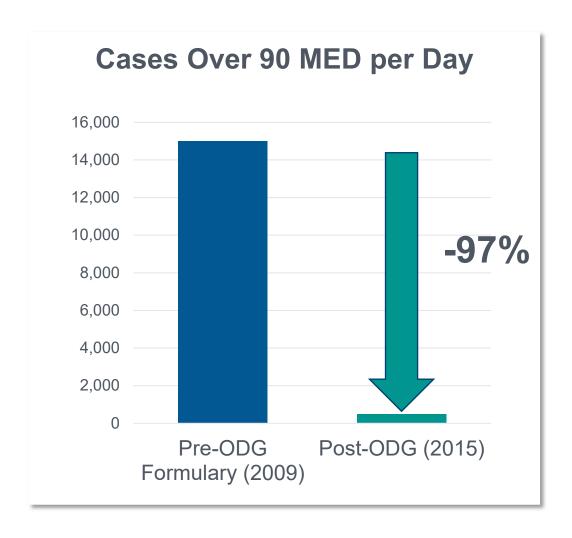
N Drug prescriptions dropped 92%

The combined and powerful effect of the ODG treatment guidelines and ODG Drug Formulary

Source: Texas Department of Insurance Workers' Compensation Research and Evaluation Group. "Impact of the Texas Pharmacy Closed Formulary." July 2016. https://www.tdi.texas.gov/reports/wcreg/documents/formulary16.pdf

Post-ODG, High MED Cases (90+) Dropped by About 97%





Source: Texas Department of Insurance Workers' Compensation Research and Evaluation Group. "Impact of the Texas Pharmacy Closed Formulary." July 2016.

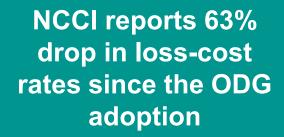
https://www.tdi.texas.gov/reports/wcreg/document s/formulary16.pdf

Proving Ground: Oklahoma

odg by mcg

- 2005: OK adopts Colorado Guidelines
- 2011: Gov. Mary Fallin pushes SB878 which drops Colorado guidelines and instead adopts ODG treatment guidelines
- 2012: Oklahoma adopts ODG Formulary
- 5/6 (reductions every year)
- Governor Fallin describes the decreases as a boon for Oklahoma's economy

Lesson: All guidelines are not created equal



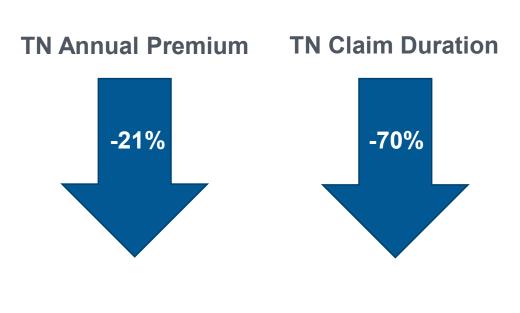


New ODG Adoptions by State



- 2016: Tennessee and Arizona
- 2019: Kentucky, Indiana, and Montana
- Arizona strengthens ODG rules in 2018

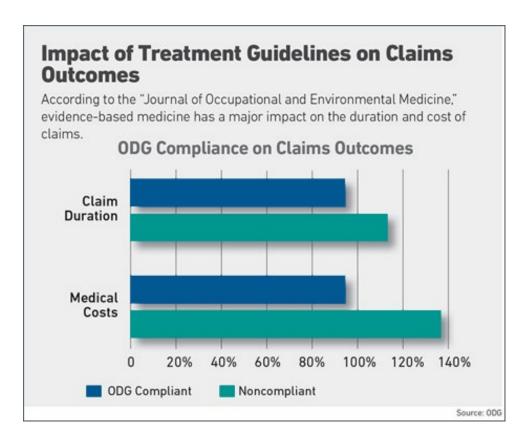
Tennessee already showing 21% savings in rates and 70% savings in claim duration



Independent Research



Journal of Occupational and Environmental Medicine (JOEM)





Claim duration and medical costs drop significantly with ODG compliance

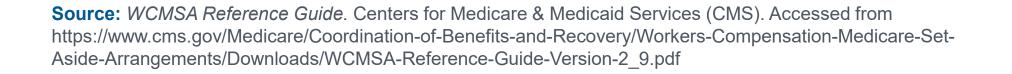
2016 Johns Hopkins University Medical School study with Accident Fund Insurance Company shows massive improvement from ODG compliance on claim outcomes.



Centers for Medicare and Medicaid Services (CMS) References ODG



The Workers' Compensation Medicare Set-Aside Arrangement (WCMSA) Reference Guide, published on January 4, 2019, refers stakeholders to ODG when using "evidence-based guidelines as resources in determining future treatment" (on page 28)





MCG is URAC Certified



- In April 2021, MCG earned URAC certification in three new areas:
 - Clinical Decision Support
 - Clinical Review Criteria
 - Initial Clinical Review



HUM: Clinical Decision Support Expires 05/01/2024



HUM: Clinical Review Criteria Certification Expires 05/01/2024

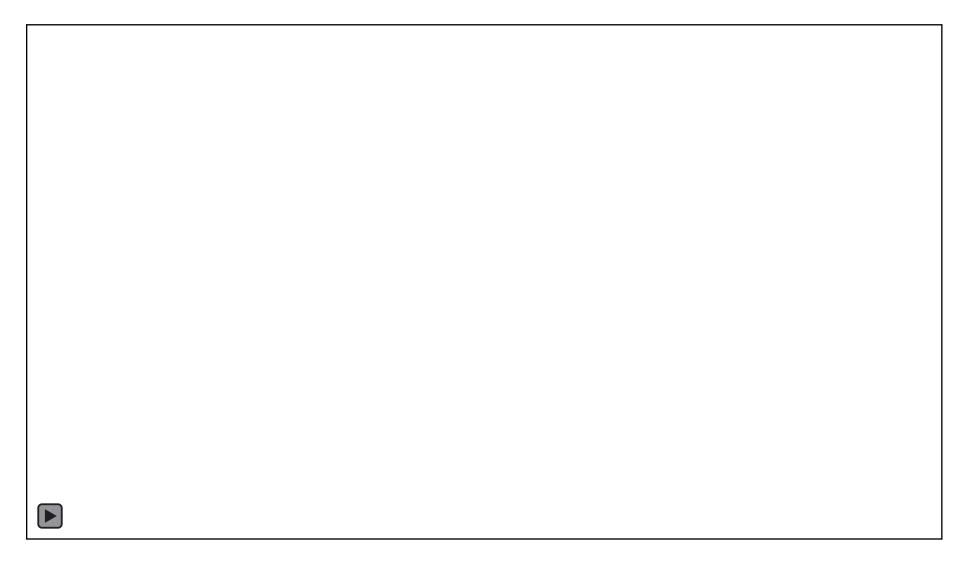


Expires 05/01/2024

^{*} MCG Health was previously granted full URAC certification pursuant to Health Utilization Management, Version 7.3 (that certification was effective March 1, 2018, to March 1, 2021).

Patients, Not Payments





Thank You!





