

Strategies To Reduce The Total Cost of Care

In Search of The Holy Grail





Opening Comments





Opening Comments – Today's Topics

TCoC Reduction Through Transparency

Opening Keynote Address

– Avik Roy

TCoC Reduction Through Legislative Policy TCoC Reduction Through Obesity and Metabolic Syndrome Management

TCoC Reduction Through Organizational Culture

TCoC Reduction Through Advance Primary Care

TCoC Reduction Through High Cost Claims Management

TCoC Reduction Through Formulary Management

TCoC Reduction Through Cancer Care Management

STRATEGIES
TO REDUCE TOTAL
COST OF CARE

In Search Of The Holy Grail



Closing Keynote
- Ray Fabius, MD



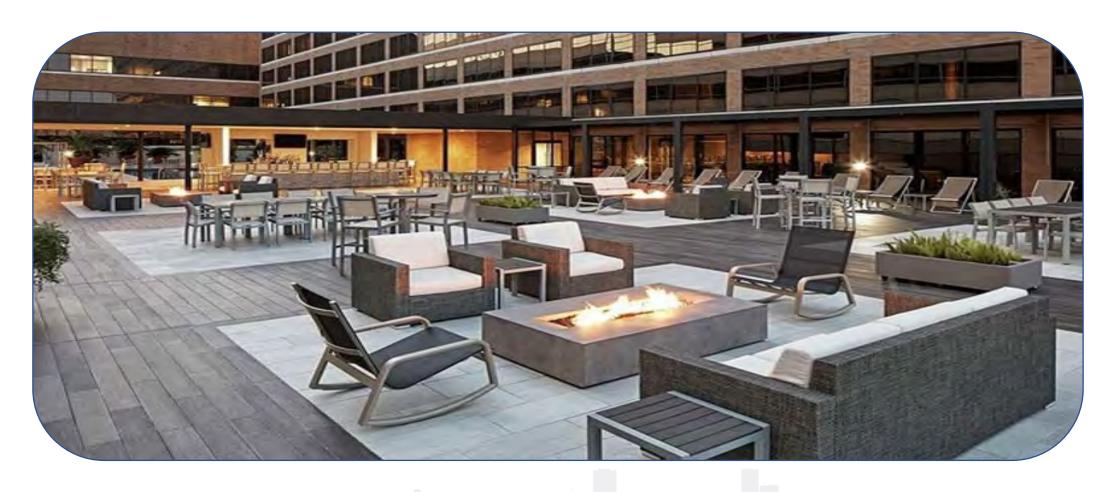
Opening Comments – Message from Dan Burke

A Message from Dan Burke, HBCH Board Chair





Opening Comments – Post Reception at the Hilton Plaza Rooftop Bar





Opening Comments – Additional Conference Details





Keynote Address





Avik Roy

Foundation for Research & Equal Opportunity,
Co-Founder and President





TCoC Reduction Through Legislative Policy





Peter Cram, MD,
University of Texas
Medical Branch, Chair,
Dept. of Int. Medicine







Ted Barral,The Friedkin Group,
Director of Compessation
& Benefits

Charles Miller,
Texas 2036,
Senior Policy Advisor

Alan Gilbert,
Purchaser Business
Group on Health, VP
of Policy

Total costs of care reduction through legislative policy

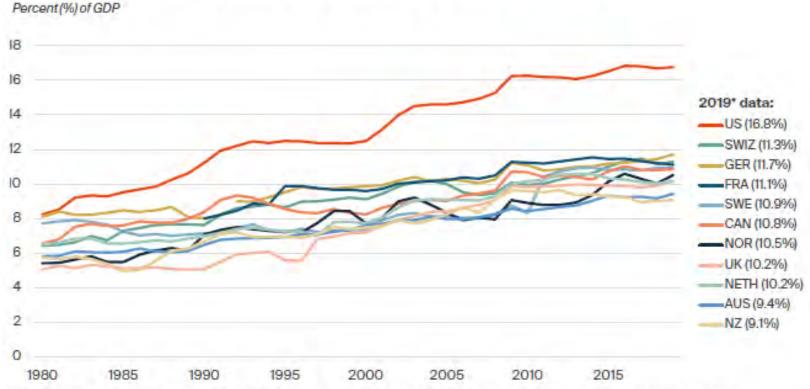
December 8, 2022
Houston Business Coalition on Health

Session participants

- Peter Cram, Physician, Policy Researcher, UTMB
- Ted Barrall, Friedkin Group Director of Comp and Benefits
- Charles Miller, Texas 2036 Senior Policy Advisor
- Alan Gilbert, Purchaser Business Group on Health VP of Policy

The data should be familiar

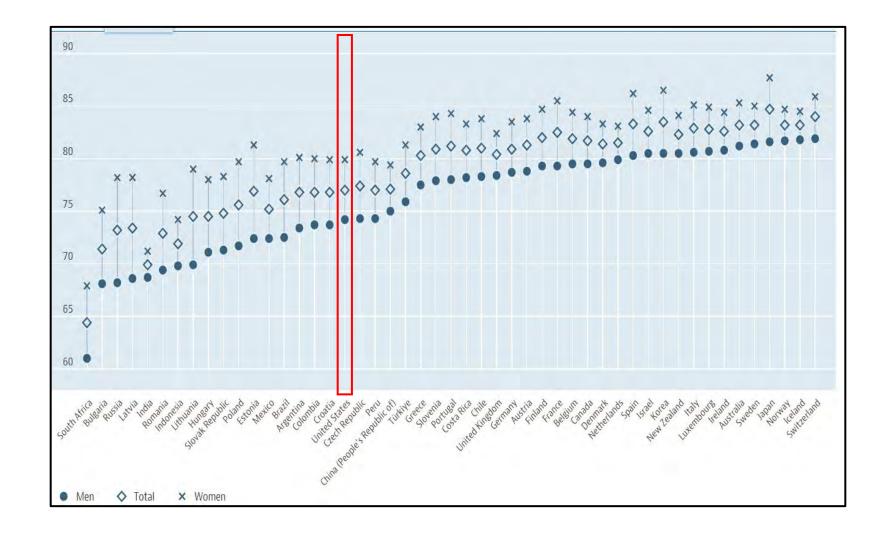
Exhibit 3. Health Care Spending as a Percentage of GDP, 1980-2019



Notes: Current expenditures on health. Based on System of Health Accounts methodology, with some differences between country methodologies. GDP refers to gross domestic product.

Data: OECD Health Data, July 2021.

^{* 2019} data are provisional or estimated for Australia, Canada, and New Zealand.



The Friedkin Group

Automotive, Entertainment, Investments, Sports, Travel & Adventure

Automotive

- Gulf States Toyota
- Westlex, Ascent
- USAL
- Gulf States Financial Services

Benefits:

- 2,300 lives
- Self-funded medical plan with two TPAs
- Costs
 - Largest: Hospitalization
 - Fastest Growing: Pharmacy

Collective Action by Employers

Impact of rising costs

- Higher premiums
- Higher copays and deductibles
- Increased cost to the company

Opportunities for employers to act collectively

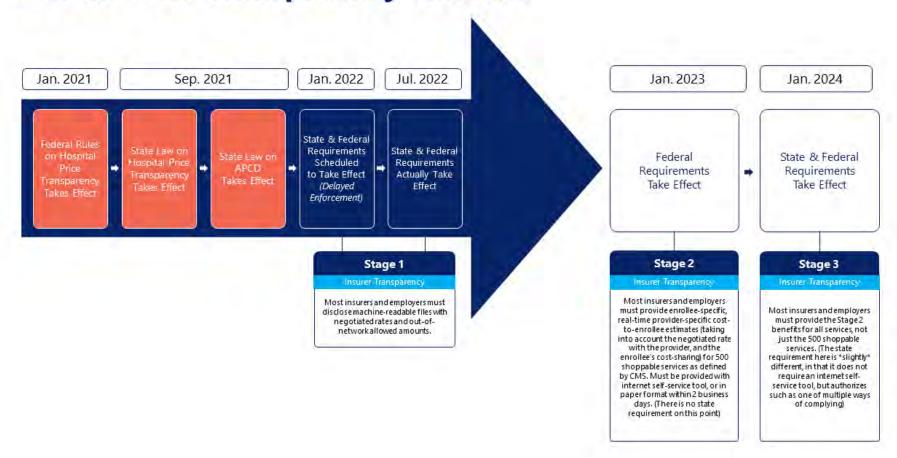
Legislation to address hospital price transparency

Texas Employers for Affordable Healthcare



Reducing Employer Health Care Costs: State Legislation

Health Price Transparency Timeline





Potential Legislation

- a. Anti-Competitive Contracting
- b. Site-Neutral Payments / Facility Fees
- c. APCD Improvements
- d. ERS/TRS Benefit Design Changes

All-ornothing contracting

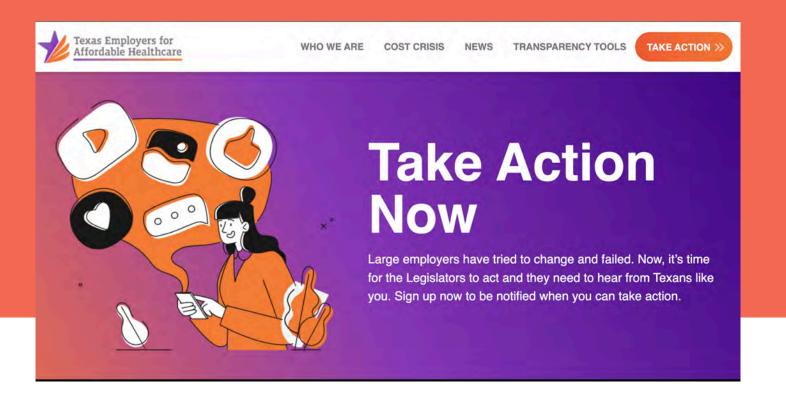
Anti-tiering or Antisteering Clauses Most-Favored Nation (MFN) clauses Gag Clauses

Health systems leverage the status of their "must-have" providers and require plans to contract with all providers in the system or none of them. This forces insurers to face a difficult choice - include all of the systems' providers (even if they are low-value or high-cost) or lose them all.

Dominant systems may require a health plan to place all physicians. hospitals, and other facilities associated with a hospital system in the most favorable tier of providers (i.e. anti-tiering) or at the lowest costsharing rate to avoid steering patients away from that network (i.e. antisteering). These clauses undercut a plan's ability to direct patients to highvalue providers.

Typically used by a dominant insurer in combination with a dominant health system. MFN clauses are contractual agreements in which a health system agrees not to offer lower prices to any other insurer. For a dominant insurer. this ensures they are getting the best price and that no rival insurer can negotiate to offer a novel product at lower rates. MFNs may also allow insurers and providers to collude to raise prices.

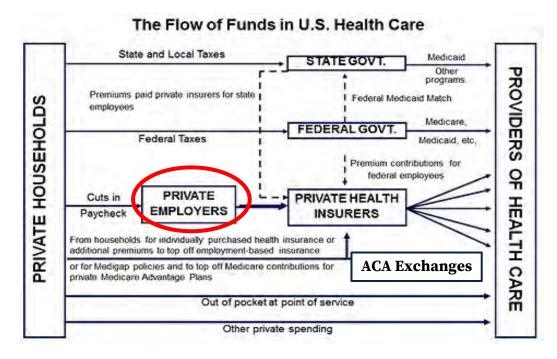
Gag clauses may prevent either party in a contract from disclosing terms of that agreement, including prices, to a third party. The lack of transparency from gag clauses and the mistaken notion that prices are trade secrets undermines price transparency tools for consumers and decreases plan sponsors' ability to push back on rising prices.



What Can You Do?

Visit www.txeahc.org and sign up!

Role and Problems Employers are Trying to Solve in the Healthcare Ecosystem



Source: Uwe Reinhardt, "The Money Flow From Households to Health Care Providers". New York Times Economix blogs. Sept. 20, 2011.

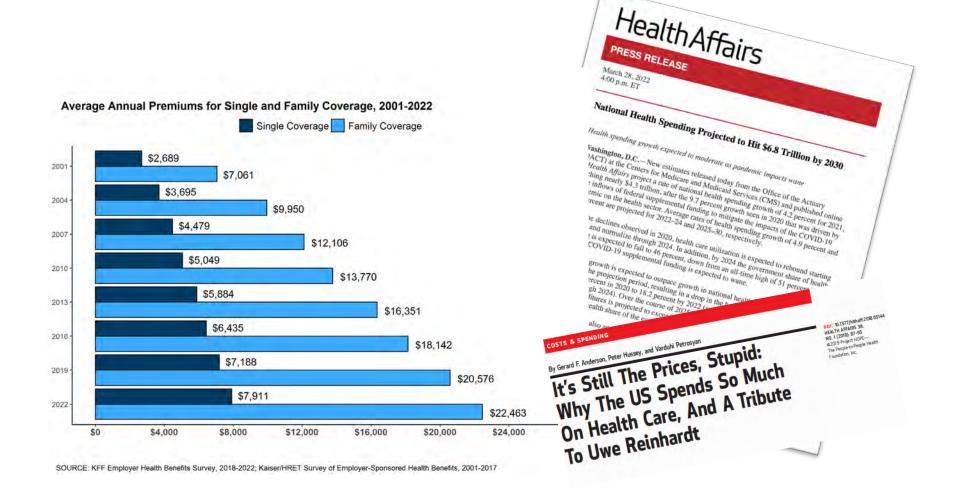
https://economix.blogs.nytimes.com/2011/09/30/the-money-flow-from-households-to-health care-providers/

This is NOT private employers' day jobs ...yet they are facing:

- Unacceptably high and growing costs
- Inexplicably variable and mediocre quality of care
- Enormous waste in the health care system
- Serious inequities in health care and outcomes

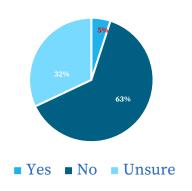
Both sides of the value equation going the wrong way.

Relentless Increase in Costs

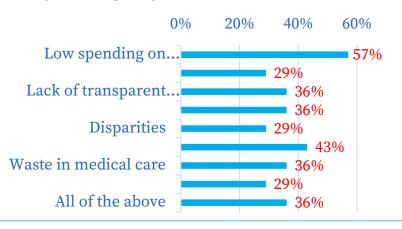


- Prices rising 5-10% year-over-year
- Increased consolidation allowing for monopolistic business practices
- Hospitals buying up smaller hospitals and underpaid primary care providers to further control referral patterns and increase prices
- PBMs manipulating formularies and including hidden fees in their contracts that increase costs by millions for employers
- Hospitals and doctors fighting surprise billing legislation and regulations with multiple lawsuits
- PBMs, insurers and health systems refusing to give their self-insured employers access to their own data
- Hospitals making it difficult to access price data, if they comply with the law at all (many haven't)
- Hospitals refusing to engage in arrangements with employers that would lower their cost
- Hospitals, physicians and health plans refusing to use standardized metrics so performance can be evaluated by customers

For the money you spend on health benefits and services, do you believe your employees'/members' health is improving?



If you answered no, why are you not getting what you want from your health spending?



PBGH uses a multipronged approach to get results for our members. We enable the **INNOVATIVE PURCHASING** of **QUALITY** health care.



Care Redesig n



Direct Contracting



Strengthening Mental Health



Reducing Pharmacy Costs



Payment Reform



Measuring What Matters



Influencing Policy

23



TCoC Reduction Through Advance Primary Care



Josh Berlin, rule of three, LLC, CEO Nate Murray, Crossover Health, Co-Founder Rushika
Fernendopulle, MD,
One Medical,
Chief Innovation
Officer

Ryan Schmid, Apree Health, President Juliet Breeze, MD, Next Level Medical, CEO



Networking / Exhibits / Refreshments





TCoC Reduction Through Transparency









Evelyn Li, PhD,Mathematica,
Senior Researcher







Hugh O'Toole, Innovu, COE



Exhibit Hall

Lunch Break





Breakout Session 7B – The Auditorium



TCoC Reduction Through Organizational Culture



Faizar A. Bhojani, MD, Shell, Global Health Lead, Downstream Manufacturing Regional Health Manager









Ray Fabius, MD,
HealthNext,
Co-Founder and CEO

HealthNEXT



HealthNEXT

TOTAL COST OF CARE REDUCTION THROUGH ORGANIZATIONAL CULTURE



Steve Cyboran, ASA, MAAA, FCA, CEBS

Humaculture, Inc.,
CEO, Consulting Actuary,
Chief Behavioral Officer

Ray Fabius, MD,

HealthNext,
Co-Founder & President

December 8, 2022



Contents

- 1. Introductions
- 2. Learning Objectives
- 3. Steve Cyboran Humaculture®
 - Background and Maturity Model Concept
 - Seven Dimensions of Humaculture[®]
 - Dimensions of Aligned vs. Healthy Culture
 - Case Examples of Impact
- 4. Dr. Ray Fabius HealthNEXT
 - HealthNEXT research and application
 - HealthNEXT Framework 10 pillars
 - Process to Develop a Sustainable Culture of Wellbeing
 - Case Example
- 5. Key Takeaways





Learning Objectives

- **Intent:** A cultural transformation with operational rigor is achievable
- **Application:** An intentional process optimizes work and eliminates mis-steps
- **Success:** A healthy and aligned culture creates competitive advantages





Healthy Enterprise Maturity Model

	Focus on Treatment	Focus on Prevention/Management	Focus on Optimal Health/Behavior
Characteristic		Distinguishing Features	
Health	Provides high quality and cost- effective treatment	Reduces health risks and manages conditions	Optimizes health and fitness
Time-Off	Replaces pay, rehabilitates and returns to work	Advocates safety, accountability and risk management	Promotes life-long health and personal and professional renewal
Workplace Support	Treats minor injuries and/or handles medical emergencies	Detects and prevents problems to avoid more serious health issues	Empowers a culture of health
Behavioral Health	Treats personal and work-related mental health/substance-abuse issues	Addresses factors leading to substance abuse and mental health issues	Stimulates psychological wellbeing (mental, emotional, social)
Communications	Clarifies benefit coverage	Shapes behavior	Promotes proactive approach to health and well-being
Organizational Behavior	Addresses unacceptable behavior	Shapes desired behavior	Leaders model behavior consistent with organization's values
Measurement and Metrics	Measures and manages costs, utilization and treatment outcomes	Measures and targets interventions for prevention and disease management initiatives	Measures, assesses and targets interventions to improve physical, emotional and social capacity

Source: "Making the Case: New Study Shows It Does Indeed, Pay to Become a Healthy Enterprise." https://www.ifebp.org/inforequest/0161496.pdf, 2012 Benefits Quarterly



How do aspects of organizational structure and design encourage or discourage optimal behaviors?



Shift in Thinking

The Humaculture® Approach Shifts Thinking

From	То
Reactive (Discipline, Treat, Replace Pay, Rehabilitate)	Proactive (Engagement, Motivation, Performance, Fitness, Health)
Entitlement (Indemnify from Poor Work and Lifestyle Behaviors)	Opportunity (Share Risk, Support Healthy Lifestyle)
Siloed Approach	Shared Vision and Coordinated Approach
Driven by Competitive Practices	Driven by Strategy to Create a Competitive Advantage
Market Determines Budget	Intentional Design to Drive Behaviors within Desired Budget
Measurement of Costs (Turnover, Health Care, Absence, Disability)	Measurement of Outcomes (Workforce Ready, Healthy, Motivated, Productive)





The Seven Dimensions of Humaculture®

Dimension	Analogy	Conceptual Examples
Environment	Climate and Terrain	Laws, community, customer needs and wants
Organization	Soil	Entity structure, purpose, job design
Real Assets	Space and Fertility	Capital, other resources, available jobs
Intangible Assets	Garden Arrangement	Brand recognition, organizational culture
People	Plants	Shareholders, employees, customers
Rewards	Nutrient Distribution	Pay, benefits, customer value
Created Value	Harvest	Products, services



Humaculture® is a philosophy of, and systematic approach, to cultivate successful, profitable, aligned, and healthy organizations ("soil") in which people can thrive.



How can the Humaculture® approach create a distinctive and magnetic workplace culture?

Envision



Analyze



Optimize

- Envision desired culture and employee value proposition (EVP) based on organization vision and mission
- Define elements that make it distinctive and magnetic
- Ensure support for institutional priorities
- Align key stakeholders
- Identify key metrics for success

- Culture alignment and health
- Reward programs for all positions
- Other amenities and benefits
- Distinction between different types of rewards
- The EVP identity relative to key talent competitors

- Determine optimal reward philosophy and align with organizational vision and mission
- Optimize reward programs
- Refine EVP identity, messaging, and communications
- Test EVP identity with current and prospective employees

We deliver results through rigorous actuarial analysis with customized metrics for success.

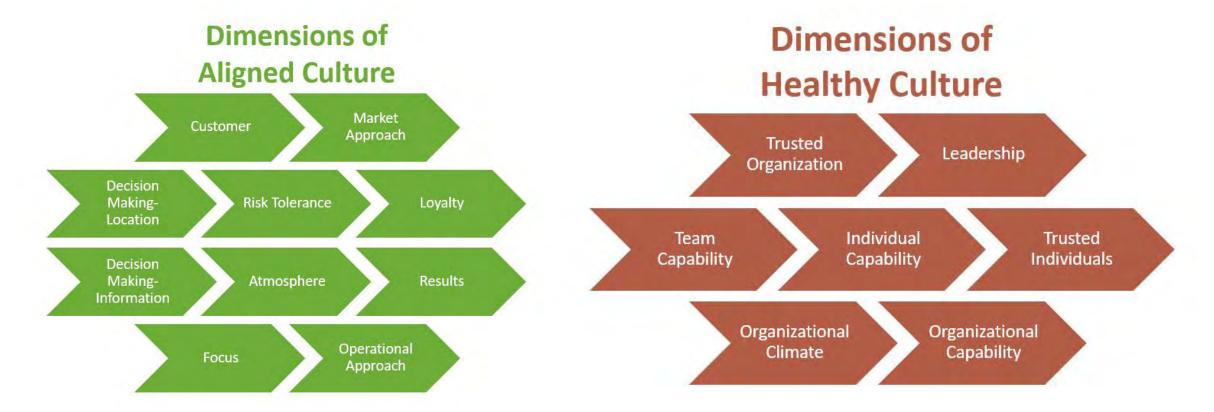


The Humaculture® approach can be applied at any level of, or in any area within, the organization.



What are the dimensions of aligned and healthy cultures?







An understanding of the aspects and dimensions of culture is essential to creating an optimal Humaculture®.



Outcomes of Humaculture®

 Based on the Healthy Enterprise research an example of the type of impact the Humaculture® approach can make includes:

TOP QUARTILE OUTCOME METRICS COMPARISON

	TOP QUARTILE	ALL OTHERS	PERCENTAGE DIFFERENCE		
Healthy Enterprise Index	78%	50%	58%		
Employee and Dependent Health					
 Annual Health Cost (PMPY) 	\$3,431	\$3,769	-9%		
 Annual Health Cost Increase 	\$235	\$302	-22%		
Employee Withdrawal Behavior					
 Turnover 	8.1%	12.1%	-33%		
Extended Absence	3.9%	6.1%	-37%		
Workplace Safety					
 Workers Compensation Cost 	0.74%	0.89%	-17%		

Source: "Making the Case: New Study Shows It Does Indeed, Pay to Become a Healthy Enterprise." https://www.ifebp.org/inforequest/0161496.pdf, 2012 Benefits Quarterly



Humaculture® has great impact on employee health, withdrawal behaviors, and workplace safety.



How does the Humaculturist® ensure all elements are in place for successful change?

Vision	+	Consensus	+	Skills	+	Incentive	+	Resources	+	Action Plan	=	Change
Vision											=	Confusion
		Consensus									=	Sabotage
				Skills							=	Anxiety
						Incentive					=	Resistance
								Resources			=	Frustration
										Action Plan	=	Treadmill



Any work to change the organization will likely struggle or fail if any of these elements are missing.



What is the role of health and well-being in achieving a Humaculture®?

Situation

A 12,000-employee health system needed to develop an aggressive strategy to:

- Streamline benefits
- Comply with the ACA, avoid penalties
- Change employee behavior
- Advance its wellness program

Approach

Articulate a vision, develop a choice architecture to:

- Leverage resources as an integral part of the program
- Promote healthy behaviors and better consumer choices
- Increase participation in the wellness initiatives

Results Include

- 98% participation in health risk assessments,
 biometric screenings, and cotinine testing
- 75% of employees verifiably risk free on all six outcome measures,
- \$2.5M in annual cost reduction (drop in costs)
- Employee costs also declined \$2M year over year
- A strategy to meet the coverage and affordability tests for all full time and applicable part time employees



When there is a well articulated vision for a Humaculture® and rewards are aligned to nurture the "plants", they will thrive.



How does Humaculture® employ behavioral principles to improve time off and leave design?

Situation

- A top ranked private university with 2,000 faculty and staff experienced significant use of sick leave
- Existing programs were complex, promoted entitlement
- Faced \$6M annual cost and \$5M in liability

Approach

- Redesigned leave and disability programs to:
 - Fit desired employee value proposition
 - Drive accountability and workplace behaviors
 - Simplify programs and administration

Results Include

- An improved workplace culture
- More accountable and reliable workforce as measured by:
 - 52% reduction in unscheduled absence
 - 72% reduction in extended absence
- With additional value of improved employee relations as measured by:
 - 95% reduction in related employee relations issues
 - 29% reduction in high performer turnover and
 - 36% increased low performer turnover



A properly designed PTO program produces an accountable workforce, which was more attractive to high performing faculty and staff who valued reliable support.



How does Humaculture® provide a context for a successful healthy campus strategy?

Situation

- An education institution faced:
 - \$4M (15%) annual health care budget shortfall
 - Significant institutional short- and long-term budget constraints
 - Resistance to any benefit reduction or contribution increases

Approach

- Listen to committee
- Facilitate a shared vision with buy-in from diverse stakeholders, including skeptical faculty
- Develop a strategy and plan to minimize future cost increases

Results Include

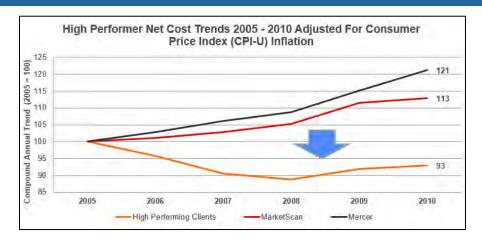
- Minimal university budget increase
- Benefits better aligned with organizational vision and mission
- Faculty and staff were given the opportunity to maintain current contribution levels
- Achieved 80% to 90% participation in wellness programs for 4 years
- Actual cost, including incentives, came in under budget
- Significant energy and enthusiasm for the initiative across the workforce
- Peer recognition for its healthy culture



The Humaculture® guiding philosophy assured the healthy campus strategy became a successful initiative.

HealthNEXT Research Thesis

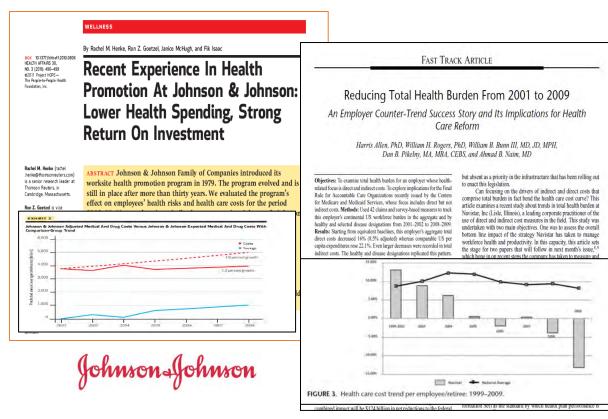
If Culture of Health and Well-being Benchmark Companies bend the curve, create a healthier workforce and provide better stakeholder results – all companies can



Taking a page from Jim Collins











In Pursuit of the Truth Over a Decade of Research & Testing Best Practice Need a strategic plan & corporate medical guidance

Tertiary Research:

3rd party literature review Anecdotal learning



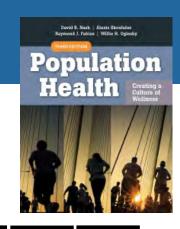
Secondary Research:

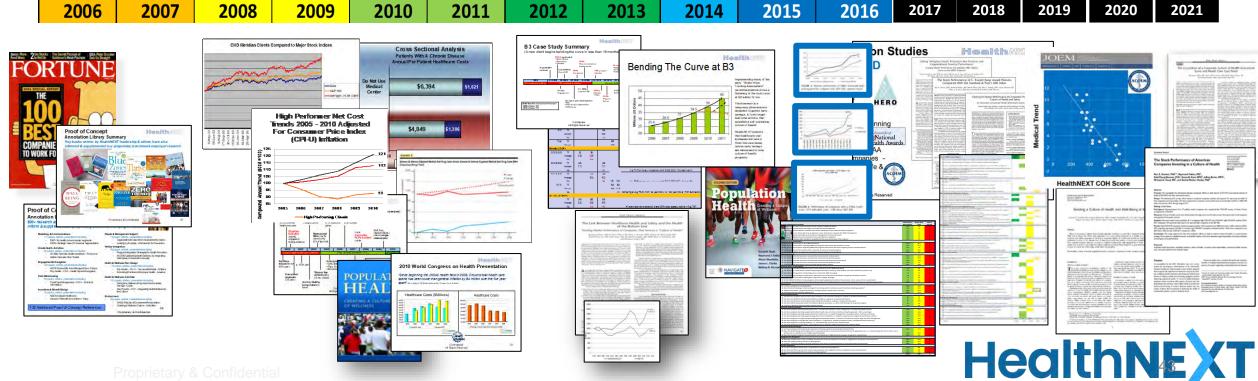
Internal retrospective research
Hypothesis generation &
Benchmark organization research



Primary Research:

Prospective application testing & Proof-of-Concept





Culture of Health & Well-being Platform High Touch & High Tech A roadmap, an itinerary, and an experienced guide

- Methodology with a decade of research and application
- Leverages **physician executive "NEXTperts"** distinguished by building cultures of health and well-being
- Scalable, easy to use, digital platform:
 - Utilizes assessments that leverage artificial intelligence and dynamic publishing
 - Generates of a customized roadmap with recommendations & tasks
 - Tracks progress over time as gaps from best practice are remedied



Participating enterprises receive a highly customized strategic plan and guidance from their NEXTpert



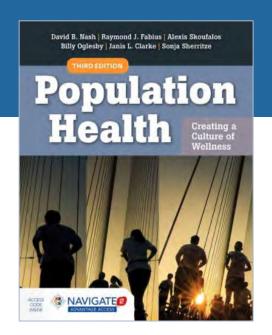
Reasons to Engage a HealthNEXT Physician Executive NEXTpert

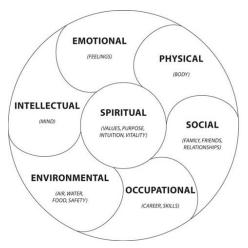
- ☐ Troubleshoot a particular healthcare issue such as Covid-19, flu, RSV, etc.
- □ Develop an evidence-based population health strategy
- ☐ Share how benchmark employers create an enduring culture of health and well-being
- ☐ Analyze the illness burden of a population
- ☐ Recommend how to get better control of healthcare costs
- □ Reduce/address the prevalence/cost of catastrophic claimants and chronic conditions
- ☐ Help establish support for employees to best navigate the healthcare system
- □ Evaluate / help select specific healthcare product and service providers
- □Support the implementation and oversight of workplace health centers
- ☐ Assist with evidence-based benefit design



HealthNEXT Process Key Tenets Clinical and Business Rigor

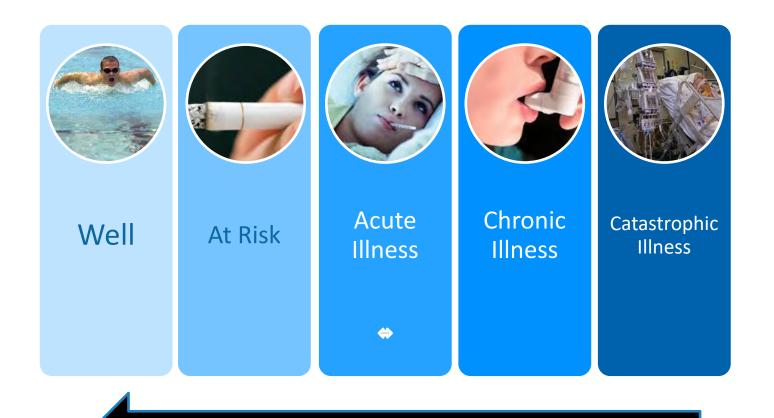
- **Population Health**: Moving the population along the continuum towards wellness
- Well-being: "Health is a state of complete physical, mental, and social wellbeing and not merely the absence of disease or infirmity." World Health Organization, 1948
- Triple Aim: Building cultures of safety, health, and well-being in sequence with all stakeholders in mind
- Six Sigma rigor for Systematic & Continuous Improvement
- Maturity Model incorporates nine "Thresholds" of implementation and five intensities of effort ("not present" through "benchmark")
- Inter-Reviewer Reliability Validated, objective, peer review process

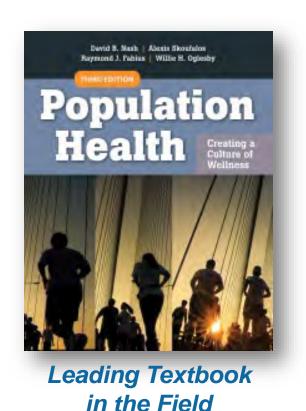






Managing Across the Continuum Our Method Leverages Population Health









HealthNEXT Culture of Health & Wellbeing Comprehensive Management System

TO ACHIEVE A CULTURE OF HEALTH YOU NEED TO IMPLEMENT A CRITICAL MASS OF PROGRAMS & SERVICES WITH OPERATIONAL EXCELLENCE

Work Environment Engagement Population Health Wellbeing

Social Connection DEI Financial Fitness

Vendor Management Mental Health Worker's Compensation Biometrics

Workplace Environment Incentives Vendor Integration

Advocacy

Healthy Eating

Benefit Design

Health Assessments

Data Warehousing Workplace Safety Ergonomics Leadership Support

Management Alignment Disability Pandemic Response
Navigation

Stratogic Planning And Analytics

HealthNEXT

Strategic Planning Marketing Data Analytics

The Employer Assessment includes 10 pillars and 50 factors which are scored and sequenced

Based on a decade of the research identifying attributes and capabilities of best practice employer programs

Culture of Health and Well-being Pillars

Leadership Support / Management Alignment

Well-being Strategic Plan

Workplace Environment

On-site Well-being Activities

Health and Well-being Programs and Activities

Data-Driven Approach: Warehousing/Analytics

Marketing and Communications

Incentive and Benefit Design

Engagement and Navigation

Vendor Management- Oversight and Integration

Application of Maturity Model

Leadership & Management

Factors: 1 2 3 4 5 6 7

Factor 1: Is there a clear leader and/or champion of the company's culture of health and wellbeing efforts?

1 Move the slider up or down to select your choice in the below list.



Benchmark Caliber

There is documented evidence of corporate leadership (videos, signed letters, brochures...) and more than one leader and champion (executive sponsor) support for efforts (documented in videos. brochures. etc.).

Standardized & Effective

There is a designated corporate leader in the C-suite and champion (executive sponsor) of the organization's health and wellbeing efforts. We suggest appointing more than one corporate leader and champion with documented roles and responsibilities.

Solid Foundation

There is one designated corporate leader or champion. Consider expanding this to more than one, and frequently promote their efforts through brochures, videos, etc.

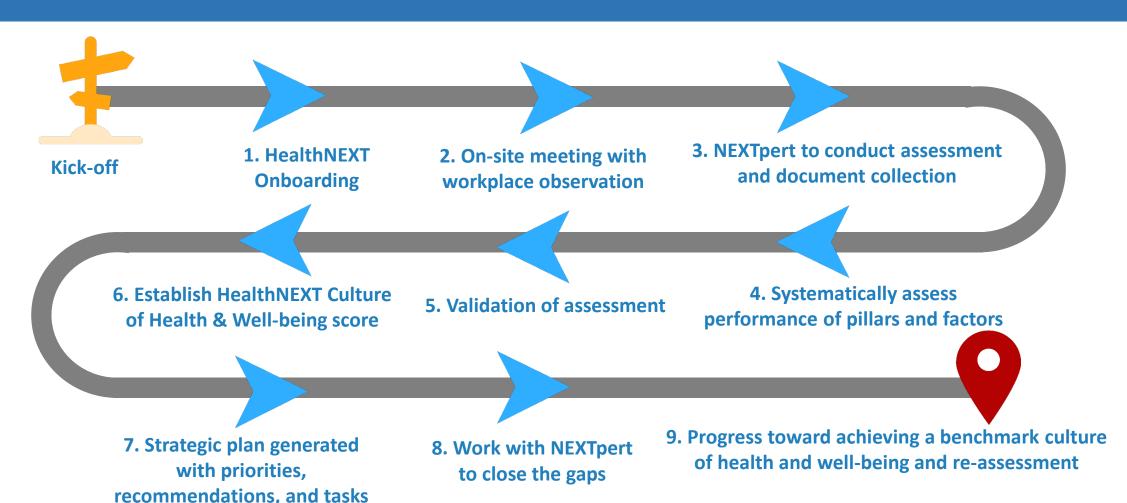
Getting Started

There is a designated leader or champion somewhere in the organization. We recommend expanding and elevating leader (or champion) visibility, authority and role in the organization; an active executive sponsor is best.

Not Present

No documented evidence of a leader or champion. Consider expanding and elevating limited leader (or champion) visibility, authority and role in the organization; an active executive sponsor is best.

The Culture of Health and Well-being Program





Why Should You Cultivate Your Workforce's Health & Wellbeing?

IT'S THE RIGHT
THING TO DO &
GOOD BUSINESS
PRACTICE



Skill, Will and NOT ILL

- 1. Control healthcare costs
- 2. Improve productivity
- 3. Reduce waste
- 4. Improve engagement
- 5. Attract & retain the best talent
- 6. Enhance workplace safety
- 7. Improve sales
- 8. Improve shareholders' returns
- 9. Stem the tide of obesity
- 10. Stem the tide of chronic illness

Research supports the importance of building a culture of health and well-being to produce sustainable behavior change and ROI from health and well-being programs.

Impact of Health & Wellbeing Continuum Of Employee Performance Outcomes due to Poor Health & Well-being



For Every Dollar Spent on Health Care
There Are \$2-3 Lost in Productivity



- The only proven method to bend the healthcare cost curve
- Sustainably improve the health of the workforce
- Provide a competitive advantage in the marketplace



HealthNEXT COH Score

"Every 50 points reduces medical trend by 1%."

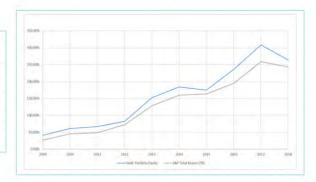


Benchmark Culture of Health Companies Outperform on the Stock Market



Companies That Promote a Culture of Health Safety and Wellbeing Outperform in the Marketplace

Objective: The objective of this research is to test the hypothesis that companies distinguished by their commitment to their workforce's health, safety, and well-being outperform in the marketplace. Methods: To test this, we analyzed the real-world stock market performance of an investment fund of publicly traded companies selected on evidence demonstrating their pursuit of a culture of health, safety, and well-being. Results: This fund outperformed the market by 2% per year, with a weighted return on equity of 264% compared with the S&P 500 return of 243% over a 10-year period. Conclusions: Employers, fund managers, and fund investors would be well served by including strategies that assess a company's commitment to the health, safety, and well-being of their workforce when evaluating investments in their enterprise and portfolios.



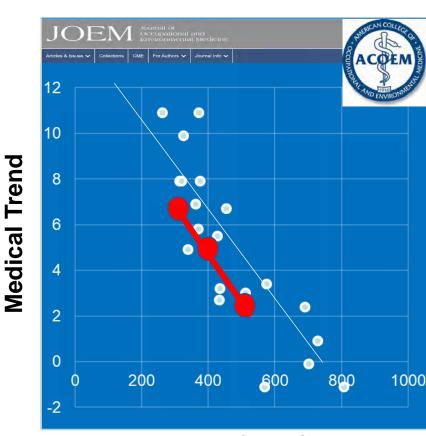
A Portfolio of companies that distinguish themselves by building cultures of health, safety and wellbeing appreciated 20% better than the S&P 500 during a ten year span 2009 - 2018

Culture of Health
Portfolio outperformed
the stock market by
20% over ten years



Case Study Large, Iconic Brand (Over 50,000 employees)

- Assessment / RE-assessment process using our methodology
- Key Gaps from Best Practice
 - Weave into corporate culture
 - Marketing vitality
 - Cultivate local wellbeing champions
 - Enhance work environment
 - Leverage data & analytics cockpit
 - Focus on population health continuum
 - Maximize impact of workplace health centers
 - Vendor management & integration
- Multi-year improvement of these gaps
- Advancing score
- Bending of Medical Trend
- Consistent with our research



HealthNEXT COH Score

Enterprises That Will Benefit from Partnering with HealthNEXT



- Developing a strategy to build a culture of health and well-being
- Validating existing practices
- Measuring and reporting progress
- Identifying and remediating gaps to advance
- Implementing operational excellence and business rigor
- Avoiding mis-steps and uncertainty
- Any size company
- Any industry/location
- Any number of locations/offices
- On-site/virtual/remote workers
- Domestic / global

Summary

- Critical mass of efforts are required implemented with operational excellence
- Multi-year strategic planning because sequence matters
- Expert clinical guidance is required
- Right thing to do & Good business



Key Take-aways

- **Intent:** A cultural transformation with operational rigor is achievable
- **Application:** An intentional process optimizes work and eliminates mis-steps
- **Success:** A healthy and aligned culture creates competitive advantages





Contact Information



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President & Chief Medical Officer

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Steven Cyboran, ASA, MAAA, FCA, CEBS Chief Behavioral Officer, Consulting Actuary

Experience

Steve Cyboran is an actuary and innovator around people, rewards and benefits. With a quarter century of consulting experience, he has been actively involved in a variety of strategy projects focusing on a behavioral approach to create a healthy culture, refine the employee value proposition, performance, organization effectiveness, health care, financial well-being, disability, and time-off. These projects include a collaborative approach to drive behavior through the design, administration, and implementation to achieve client objectives.

- Assisted a Midwestern university with the redesign of health care, dental, pharmacy, disability, voluntary benefits, and HR technology, resulting in savings of over \$15 million annually through better control of expenditures and without significant benefit reductions.
- Supported a renowned academic medical center with 14,000 employees to standardize time-off and disability programs across eight business units to support the personal renewal of employees, align the programs with total rewards and wellness initiatives, better manage the number of unscheduled absences and disabilities, and differentiate for key talent.
- Supported a health system with 45,000 employees consolidate 100 paid time off programs to align with its healthy culture initiatives and streamline the administration of the programs with metrics measuring success.
- Through the redesign and rollout of leave and disability programs, helped a top ranked private institution reduce unscheduled absences by 52%, reduce extended absence by 72%, reduce high performer turnover by 29%, increase low performer turnover by 36%, and reduce related employee relations issues by 95%.

Education and Credentials

Mr. Cyboran graduated with distinction from the University of Illinois, Urbana-Champaign with a BS in Mathematics. He is an Associate of the Society of Actuaries, a Member of the American Academy of Actuaries and a Fellow of the Conference of Consulting Actuaries. Mr. Cyboran earned Strategy Culture Alignment Certification by Work-Effects and Outmatch Certified Reseller Certification (Including Pomello Culture tools), and his CEBS designation from the International Society of Certified Employee Benefits Specialists. He is a member of the Society for Human Resource Management. He is also Chicago Chapter former President of the Disability Management Employers Coalition. He is a li-censed Life, Accident and Health agent in Oklahoma, Texas, Kentucky, and New York.

Publications/Presentations/Research

Steve Cyboran has led research, published articles, been quoted in the news or presented over 150 times. Following are a few examples of his work. Visit https://www.cyboran.com/outandabout/ for more examples.

"The Value of a Healthy Culture: Understanding Benefits, Costs and Achieving Results", NACUBO

"PTO in Higher Ed? Absolutely!" Eastern CUPA, Spring Conference

"Why Should Physicians Work for Your Organization? Physician Alignment through a Magnetic Employee Value Proposition" Cyboran.com

"Making the Case: New Study Shows It Does Indeed, Pay to Become a Healthy Enterprise," Benefits Quarterly

"Leveraging an Integrated Health, Absence and Disability Model to Improve Outcomes." Council on Employee Benefits, Peer 2 Peer Call

"The Increasing Importance of Benefits Metrics," WorldatWork Podcast

Ray Fabius, MD Co-founder and President HealthNEXT

Throughout his career, Dr. Fabius has garnered medical and business leadership experience in an extensive variety of healthcare management areas including informatics, strategy, operations, network development and oversight, patient management, quality management, disease management, national accounts, occupational medicine, emergency preparedness, worker productivity, wellness, and health promotion, travel medicine, web-based health content delivery, data warehousing, and analytics.

He has served as a physician executive in academics, private practice, managed care, the health insurance industry, e-health, corporate and workplace health, the pharmaceutical industry, and health informatics and analytics. He served as Global Medical Leader for General Electric, Chief Medical Officer (CMO) for Thomson Reuters, Population Health Strategist for Walgreens, and CMO for Truven Health Analytics. He was also the CMO and president of I-trax, Inc. the leading provider of workplace health centers.

He is the author of many articles, book chapters, and five books including the leading textbook on population health entitled Population Health: Creating Cultures of Wellness. Dr. Fabius is also the 2021 recipient of the Bill Whitmer HERO Award for lifetime leadership in the health and wellbeing space. Dr. Fabius has served as the medical advisor for the Greater Philadelphia Business Coalition on Health for the last decade.







TCoC Reduction Through High Cost Claims Management







Chris Syverson,
Nevada Business Group
on Health,
CEO









Hugh O'Toole, Innovu, CEO





The Impact of High Cost Claims

CHRIS SYVERSON

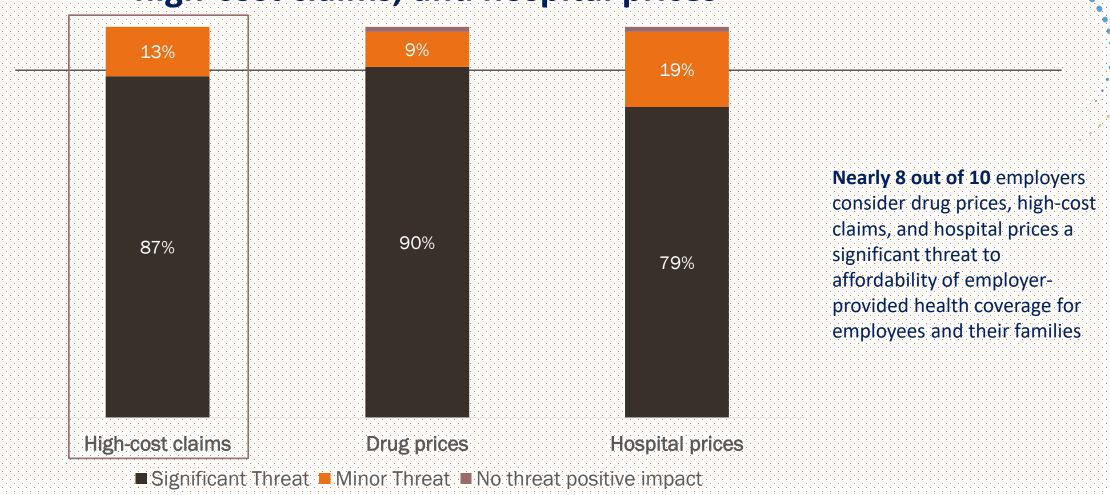
NEVADA BUSINESS GROUP ON HEALTH

MODERATOR

Our Esteemed Experts

DR. CHRISTINE HALE	HUGH O'TOOLE	RENZO LUZATTI	RAY CASAMBRE
LOCKTON	INNOVU	US-RX CARE	PFIZER
The State of High Cost Claims in the US	Data, Data, Data	Specialty Drug Pipeline	COVID Employer Initiative
Impact of COVID-19	Risk Analysis	Specialty Pharmacy Management and Strategies	

Three biggest threats to affordability are drug prices, high-cost claims, and hospital prices



Key Findings

Employer/Purchaser Perspectives on High-Cost Claims

- Most cited strategies employers have continued to implement are for mitigating highcost claims are:
 - Managing complex cases (65%)
 - Addressing the cost of specialty drugs (64%)
- Highest areas of new focus in the next couple of years include:
 - Offering precision medicine for cancer treatment (45%)
 - Implementing centers of excellence (39%)
 - Negotiating and auditing hospital prices (34%)
 - Auditing of intermediaries (30%)
 - Mitigating costs and coverage of rare diseases (30%)
- Most employers believe they are effectively managing high-cost claims through their intermediaries and the most cited were carrier/TPA (94%) and PBM (69%)
- Less common but increasingly being considered by employers to manage high-cost claims:
 - Reinsurers (30%)
 - Internal management (27%)
 - Specialty vendors (23%)

What's Really Driving Employer Health Plan Costs?

of a population drives 35% of employers' spend

Health care inflation is driven by price increases, not utilization, think new medical and Rx technologies.



High-cost claims are different

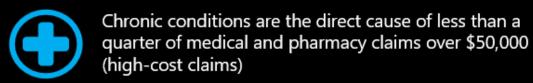
High-cost claimants are made up of cancers, complex newborns, COVID/ sepsis, specialty drugs and implants



Specialty Medicines, especially injectables, are the fastest-growing driver of high-cost claimants

High-Cost Claimant Predictive Analytics can sometimes identify these individuals and target early interventions









Stop Loss Market Overview 2022

Severity and frequency of catastrophic claims continue to increase. The market is hardening as a result

Cancer remains the most costly condition since 2010

COVID and Sepsis claims had significant increases. An increase in Mental/ Behavioral Health claims was also observed

Decreases continued in *Transplant* and *Renal*, likely due to better contracting and clinical management

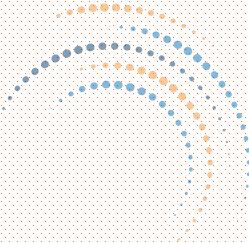
Note: Due to a change in the methodology used to group conditions in this year's report, catastrophic cases in categories like cardiovascular, musculoskeletal, and neurological now appear in the top 10



Stop-loss claim reimbursements

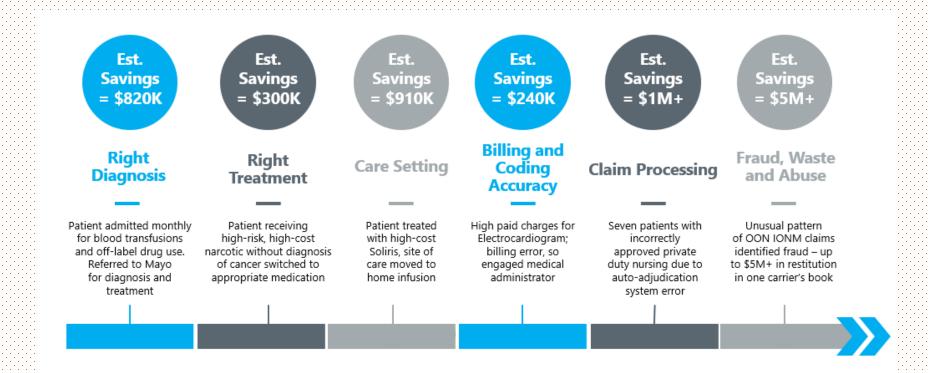
analysis

2021 Rank	4 Year Rank	Condition/Disposed/Disposedur		2018–2021 Reimbursements	Total payments	
1	1	Malignant Neoplasm	\$294.9M	\$1.03B	200/	
2	2	Leukemia, Lymphoma, Multiple Myeloma	\$117.0M	\$443.1M	38% Top 3	
3	3	Cardiovascular	\$102.3M	\$389.4M	conditions	
4	4	Orthopedics/Musculoskeletal	\$89.6M	\$297.5M		
5	5	Newborn/Infant Care	\$82.3M	\$287.0M	7	
6	6	Respiratory	\$65,0M	\$234.1M	con	
11	7	Urinary/Renal	\$57.5M	\$222.6M		
9	8	Neurological	\$61.2M	\$210.7M		
10	9	Gastrointestina/Abdominal	\$59.3M	\$200.9M		
7	10	Sepsis	\$64.2M	\$182.4M		
13	11	Congenital Anomaly (structural)	\$41.9M	\$172.0M		
12	12	Physician Treatment	\$47.1M	\$143.1M		
17	13	Transplant	\$26.7M	\$127.8M		
14	14	Cerebrovascular	\$29.8M	\$98.7M		
16	15	Hemophilia/Bleeding	\$28.4M	\$96.3M		
19	16	Immune System	\$21.2M	\$87.5M		
15	17	Mental and Behavioral Health	\$28.5M	\$87.1M		
18	18	Malnutrition	\$23.1M	\$79.8M		
8	19.	COVID-19	\$61.5M	\$75.4M		
21	20	Blood and Blood Forming 2022 High-cost claim	\$18.6M	\$72.0M		





Case Examples

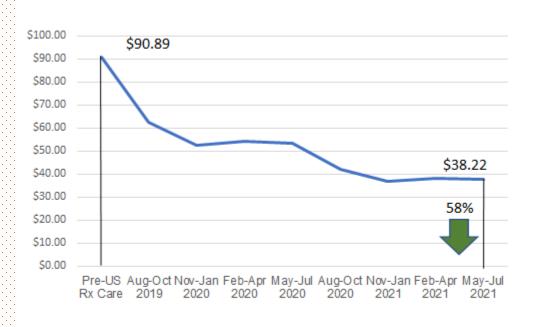


The factors, and therefor solutions, for complex claims are numerous and varied



4,300 Life Employer Pharmacy Benefit Spend Three Year Trend

Plan Paid Amount (Per Enrollee Per Month)



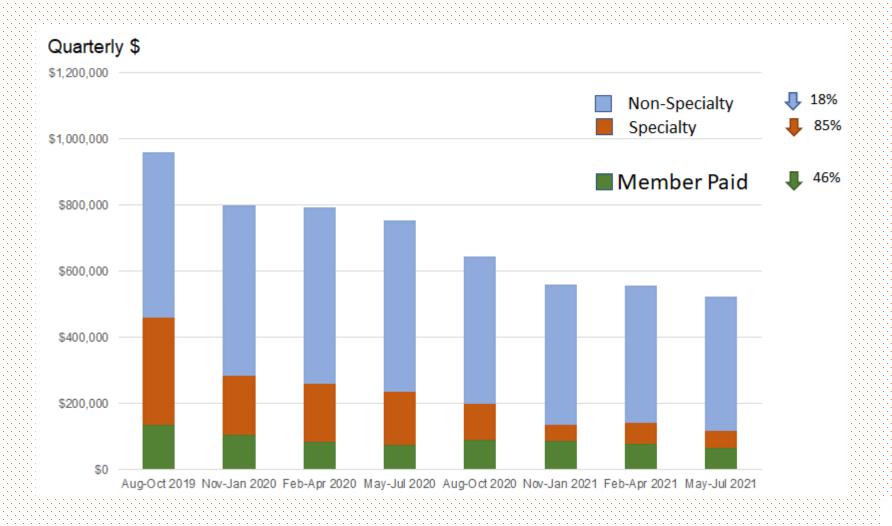
Plan Paid Amount (Annual)



- > \$2.8 MM Annual Cost Reduction
- > \$4.6 MM Two-Year Cumulative Savings



4,300 Life Employer Pharmacy Benefit Spend Plan and Member Contribution Trend





Key Questions to Ask / Think About Your Health Benefit Administrators / Suppliers Are You Optimally Aligned?

At The Highest Level

Are you trusting that your vendors are always looking out for the best interest of your organization and plan participants? Are there misaligned incentives with your vendors that can drive up costs?

At A More Granular Level

You may not be optimally aligned with your vendors if the answer is "Yes" to any of the following.

Are conflicts of interest negatively impacting clinical decisions and utilization management?

Are prohibitions against making changes to formulary, guidelines, covered/not-covered status driving your up cost?

Are benefit design & formulary structure influenced by rebates or vendor credits?

Are your vendors given unlimited discretion to authorize any drug or service no matter the cost?

Are exclusive vendor contracts restricting access to lowest net cost options for care?

Are your vendors given unlimited discretion to authorize any drug or service no matter the cost?

Are you not allowed to carve out clinical review, rebate, dispensing functions from your vendors?

Are you being penalized for not carving in services?



Strategies For Superior Pharmacy Benefit Cost Management

CONTRACTING STRATEGIES

- Deconflict PBM and Medical carrier relationships (fiduciary compliant)
- Reduced / fixed markups for provider buy/bill drugs
- Outcomes-based drug pricing
 Specialty generics filled in retail,
- Specialty generics filled in retail not at specialty pharmacy
- Payment amortization (pay-over-time)
- Hospital at home/telehealth
- Narrow networks
- More timely and transparent reporting
- Bill review/negotiation

Plan Design Strategies

- All drug management under the pharmacy benefit
- Dose rounding protocols (for injectables)
- More rigorous utilization management for high-cost drugs
 - · PA/pre-certification functions
 - · Preferred drug lists/formularies
 - · Quantity limits
 - · Step therapy
 - · Specialty carve out
 - · Exclusions/coverage limitations
- Aligned financial incentives with plan participants
- Leverage secondary coverage when available (e.g., spouse employer, Medicaid or Medicare)

CLINICAL RIGOR

- Separation of dispensing/rebates from clinical functions
- Independent, expert clinical management
- Cost-effective step therapy, when appropriate
- Elimination of waste
- Same level of clinical rigor applied to to specialty drugs on medical side

COST-EFFECTIVE SOURCING

- Manufacturer co-pay and zero-cost patient assistance programs
- Unrestricted, competitive dispensing options and sources
- Site-of-care optimization for provideradministered drugs



Thank You

And

Questions?



Networking / Exhibits / Refreshments





TCoC Reduction Through Cancer Care Management





Robert Baird,
National Cancer
Treatment Alliance,
President















em sanaR

Fred Barton,
EmsanaRX,
Vice President of
Account Management



TCoC Reduction Through Formulary Management

















Robert Popovia,
PhD,
Conquest Advisors,
Founder

Terrance Killilea,
Pharm D
USI Consulting,
SVP, Clinical/Fiscal
Integration

Lalan Wilfong, MD, McKesson/US Oncology, VP Payer Relations & Practice

Josh Golden, CapitalRX, Senior VP of Strategy Lori Von Heyking, Woodforest Bank, Executive VP and Chief Human Resources Officer



Closing Keynote



Ray Fabius, MDHealthNext,
Co-Founder and CEO

HealthNEXT

Ray Fabius Co-Founder of HealthNEXT

Closing Keynote – Putting Today's Session Together

HBCH CONFERENCE 2022

STRATEGIES TO REDUCE TOTAL COST OF CARE

In Search Of The Holy Grail

In Person | December 8, 2022

STRATEGIES
TO REDUCE TOTAL
COST OF CARE

In Search Of The Holy Grail



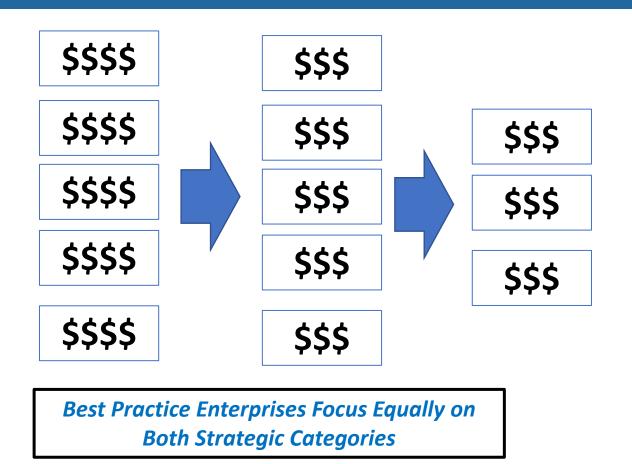
Agenda Summarize Today's Conference With a View to the Future

- Two approaches to cost control cost and use
- The importance of population health and wellbeing
- A focus on mental health
- Best practice enterprises are delivering a critical mass of programs and services to transform their culture
- Why this is good business?
- Why this is good for all of us





Two Key Ways to Reduce Healthcare Costs Reduced Cost per Treatment / Create Less Need for Treatment



Control Unit Cost

Legislative Policies

Transparency

Cancer Care

Condition Management

Complex Case Management

Pharmacy Management

Reducing Demand

Advanced Primary Care

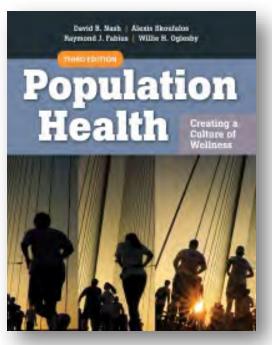
Organizational Culture



To Do Both You Have to Manage Across the Continuum Supporting People Where They Are











Keeping Well Employees Well Not Just the Absence of Illness

WHO Definition of Health

Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity

Components of Wellness

Social

Physical

Emotional

Career

Intellectual

Environmental

INTELLECTUAL

(MIND)

SPIRITUAL

(VALUES, PURPOSE, INTUITION, VITALITY)

(FAMILY, FRIENDS, RELATIONSHIPS)

ENVIRONMENTAL

(AIR, WATER, FOOD, SAFETY)

(CAREER, SKILLS)

EMOTIONAL

(FEELINGS)

Spiritual

Swenson, John A., M.D



PHYSICAL

(BODY)

An Important Focus on Mental Health

- Keeping healthy people well = Resiliency
- Move people to lower risk categories = Stress
- Access to care & social support for acute illness = Struggling
- Managing chronic conditions to mitigate potential complications = Treated
- Provide care management for those with complex issues = In Crisis





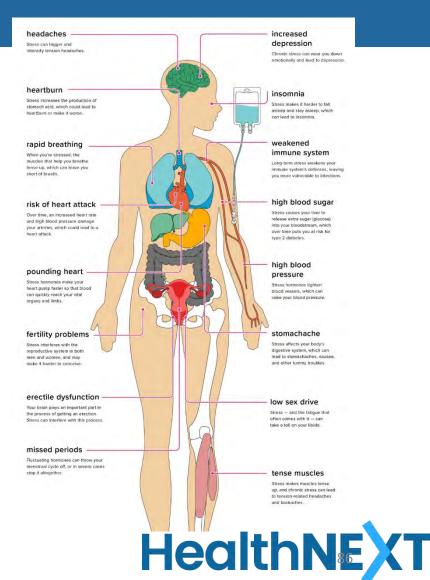
Adapted from: Watson, P., Gist, R., Taylor, V. Evlander, E., Leto, F., Martin, R., Vaught, D., Nash, W.P., Westphal, R., & Litz, B. (2013). Stress First Aid for Firefighters and Emergency Services Personnel. National Fallen Firefighters Foundation.



The Physical Impact of Stress & Mental Illness No Separation Between the Mind & the Body

- Raises blood pressure
- Raises blood sugar
- Reduces immunity
- Reduces cognition
- Interferes with memory
- Promotes addictions
- Diminishes one's income
- Disrupts families and marriages

- Headaches
- Heartburn
- Heart Attacks
- Infertility
- Stomachaches
- Depression
- Anxiety
- Insomnia



Today's Topics Are Across the Continuum

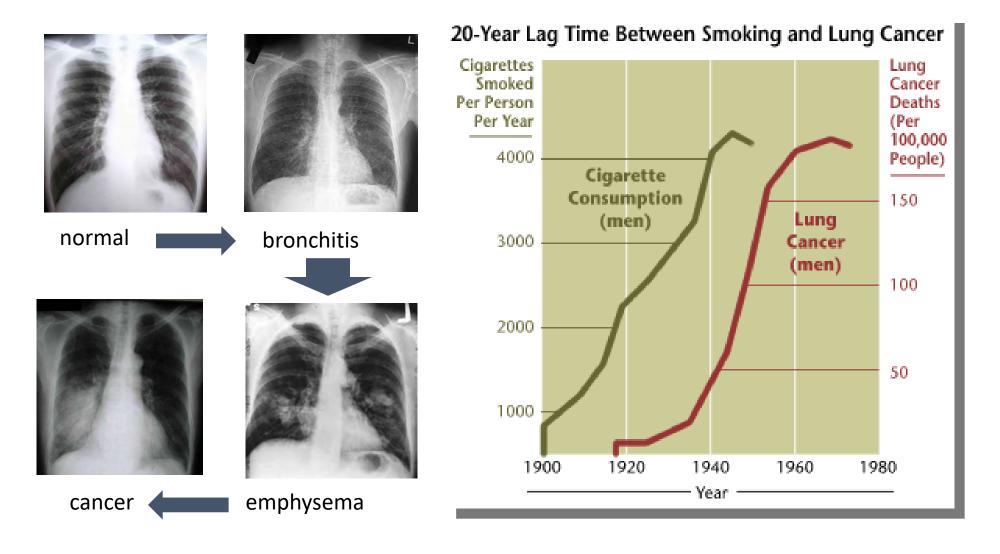
Supporting People Where They Are





INSIDIOUS PROGRESSION OF DISEASE:

SMOKING & ACUTE ILLNESS LEADS TO CHRONIC & CATASTROPHIC ILLNESS



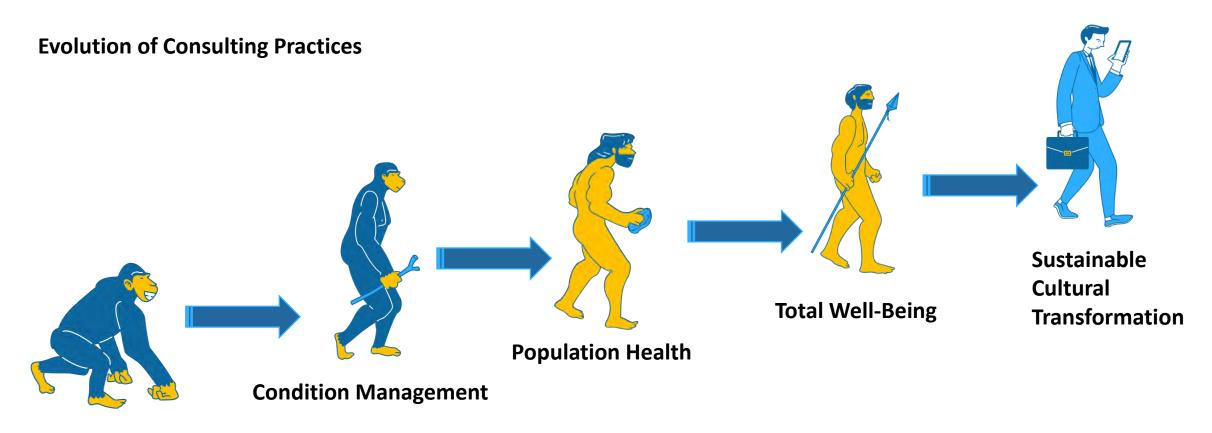
Culture Eats Strategy For Breakfast Best Practice Requires a Critical Mass of Programs

- Legislative policy / community health / social determinants of health
- Transparency can produce better competition & better shoppers – active consumers
- Advanced primary care can reduce demand and improve results through coordination
- Condition management, complex case management and cancer care can produce rapid returns
- Pharmacy management can reduce unit costs and future demand through medication adherence and MTM
- Organizational culture can make the healthy choice the easy choice and create a sustainable reduction in the need or demand for healthcare treatments and services





The Pathway to Sustainable Healthcare Cost Control



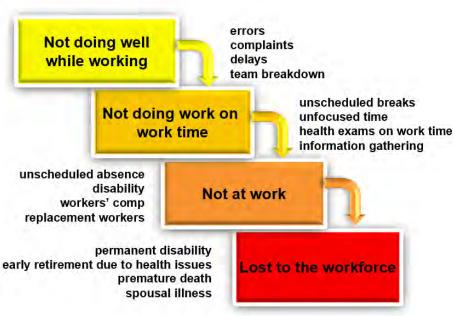




Impact of Health & Wellbeing Continuum Of Employee Performance Outcomes due to Poor Health & Wellbeing



For Every Dollar Spent on Health Care
There Are \$2-3 Lost in Productivity



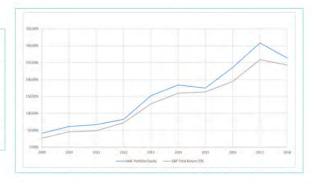
HR Mission = A Workforce with the Skill, the Will and is Not Ill

Benchmark Culture of Health Companies Outperform on the Stock Market



Companies That Promote a Culture of Health Safety and Wellbeing Outperform in the Marketplace

Objective: The objective of this research is to test the hypothesis that companies distinguished by their commitment to their workforce's health, safety, and well-being outperform in the marketplace. Methods: To test this, we analyzed the real-world stock market performance of an investment fund of publicly traded companies selected on evidence demonstrating their pursuit of a culture of health, safety, and well-being. Results: This fund outperformed the market by 2% per year, with a weighted return on equity of 264% compared with the S&P 500 return of 243% over a 10-year period. Conclusions: Employers, fund managers, and fund investors would be well served by including strategies that assess a company's commitment to the health, safety, and well-being of their workforce when evaluating investments in their enterprise and portfolios.

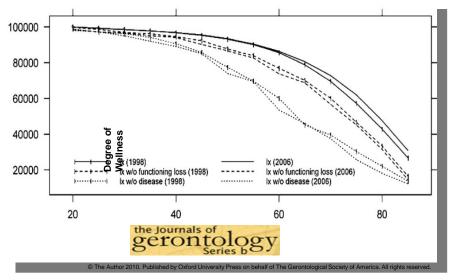


A Portfolio of companies that distinguish themselves by building cultures of health, safety and wellbeing appreciated 20% better than the S&P 500 during a ten year span 2009 - 2018

Culture of Health
Portfolio outperformed
the stock market by 20%
over ten years



THE ULTIMATE GIFT OF HEALTH: Compression Of Morbidity



Crimmins E M, Beltrán-Sánchez H J Gerontol B Psychol Sci Soc Sci 2011;66B:75-86



The Goal Should Be Sudden
Death in Overtime

The longer you stay healthy and vital, the shorter your period of morbidity before life ends.





QR Code – Conference Survey





THANK YOU FOR ATTENDING

NOW COME AND JOIN US FOR OUR POST RECEPTION

POST RECEPTION – HILTON PLAZA, MEDICAL CENTER, 9TH FLOOR

