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Proven Nutrition Solutions for Employers

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Digital Nutrition Solution

- Rapid assessment
- Evidence-based recommendations
- Group-based programming
- Personalized plans
- Healthy eating challenges
- · Bite-sized education
- Ideologically agnostic
- No calorie counting
- Available in Spanish
- Culturally sensitive



Reduction in chronic disease risk, as measured by improvement in diet quality.



Reduction in BMI for those who lost weight on the program.



Assessment completion rate. Effortlessly gather valuable info from your population.

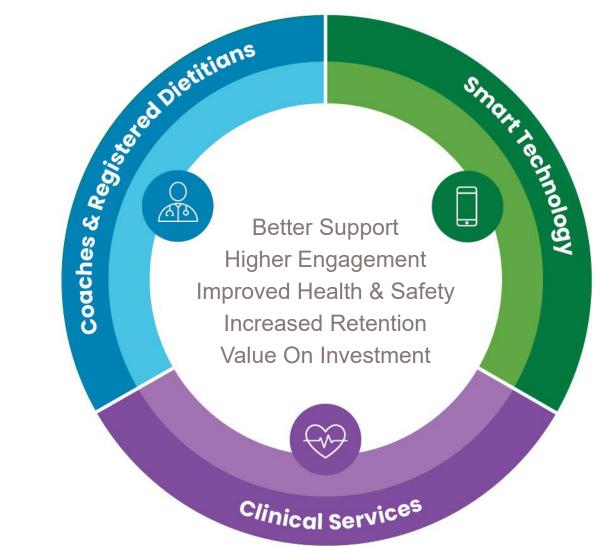


Reach out to us to learn more!



Alison Hankins
Head of Sales
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Your Full-Service Solution



- Established in 2002
- Personalized Human Touch
- Smart Technology
- Service all 50 States
- 500+ Corporate Partnerships
- Comprehensive List of Clinical Services
- 250,000 Employees Currently Being Coached Toward Their Goals





Agenda

• Employee Wellness: Why the Urgency?

Proven Solutions

Measuring Results

Strategic and Practical Implications







Why the Urgency?

The Health Crisis and Cost of Poor Nutrition



\$150 BILLION

lost productivity cost

Obesity costs U.S.
employees an
estimated 150 billion in
lost productivity.



450 MILLION

more days missed

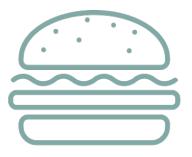
Obese workers miss 450 million more days per year than healthy employees.



42 PERCENT

more medical costs

Employers pay 42% more in medical costs for obese employees.



\$300 BILLION

cost of obesity

Total economic cost of obesity (U.S. & Canada)—\$300 billion.





Corporate Social Responsibility:

The New Normal



Offering a proven health and wellness program staffed by credentialed providers is seen as crucial and therefore increasingly expected as a workplace benefit.





Social Determinants of Health



Conditions where people...









"Trends in Workplace Wellness Programs and Evolving Federal Standards." KFF, 9 June 2020, www.kff.org/private-insurance/issue-brief/trends-in-workplace-wellness-programs-and-evolving-federal-standards

Meister, Jeanne C. "Survey: What Employees Want Most from Their Workspaces." Harvard Business Review, 27 Aug. 2019, hbr.org/2019/08/survey-what-employees-want-most-from-their-workspaces.







Lifestyle Modification

- According to the American Heart Association, American College of Cardiology, and The Obesity Society, Lifestyle Modification is the MOST evidence-based and cost-effective intervention to prevent and treat obesity and chronic diseases.
- **Nutrition** is one of the key pillars of lifestyle modification (along with not smoking, limiting alcohol consumption, and physical activity).







Proven Nutrition

Registered Dietitian Nutritionists, The Nutrition Experts

The National Academy of Medicine found that "the registered dietitian nutritionist is currently the single identifiable group of health-care professionals with standardized education, clinical training, continuing education and national credentialing requirements necessary to be directly reimbursed as a provider of nutrition therapy."

Committee on Nutrition Services for Medicare Beneficiaries. "The Role of Nutrition in Maintaining Health in the Nation's Elderly: Evaluating Coverage of Nutrition Services for the Medicare Population." Washington, DC: Food and Nutrition Board, Institute of Medicine; January 1, 2000







RDNs Provide Medical Nutrition Therapy (MNT)

- Evidence-based nutrition service
- Provided by Registered Dietitian Nutritionists
- Prevent, delay or manage diseases and conditions
- Personalized, in-depth assessment, nutrition diagnosis and intervention treatment plan
- Multiple visits over time positively impact nutrition behaviors and allow for continued personalized monitoring of the patient





Value on Investment



Quality of life years gained, on average, 17 years



Reduction in body-weightrelated disease burden of 0.10% and 0.05%



Reduction
in inpatient
admissions: 2.8%
vs. 22.5% in usual
care



Reduction in risk of lost work and disability days 87.2%



For every \$1 spent on health, incremental economic benefit of \$2-4

Wolf AM, Siadaty MS, Crowther JQ, et al. Translating Lifestyle Intervention on Lost Productivity and Disability: Improving Control with Activity and Nutrition (ICAN). J Occup Environ Med. 2009 February: (51)2:139-145.

MNT: Weight Management (2015). Evidence Analysis Library. Academy of Nutrition and Dietetics. 2019. www.andeal.org/topic.cfm?menu=5284&cat=5230

Remes, Jaana, and Shubham Singhal. "Good Health Is Good Business. Here's Why." Fortune, Fortune, 21 Aug. 2020, fortune.com/2020/07/08/why-good-health-is-good-business





We Can Only Manage What We Measure

- When we start measuring diet quality as effortlessly as checking your blood pressure, we can:
 - Assess efficacy of interventions
 - Lift disease risk burden
 - Reduce costs associated with chronic disease
 - Realize financial return







Currently, We Only Track LAGGING Indicators

Most chronic diseases are "caught" only AFTER the disease has developed, limiting our ability to prevent and effectively treat







Successful Nutrition Interventions

Intervention	Description	Findings
North Karelia Project ¹	40-year behavior/diet CHD prevention program	Significant declines in BP, cholesterol, smoking, CHD mortality
DASH Diet ²	Major clinical trial implementing the DASH dietary pattern	Significant decreases in blood pressure, high adherence rate
Ornish Diet ³	12-week program often used in clinical settings	Significant declines in TC, LDL, and TG. Typical LDL redux 40%
Diabetes Prevention Program ³	Ongoing outcomes study of >2000 people over 22 years	So far, participants have a significant prevention advantage over non-participants

^{1.} https://pubmed.ncbi.nlm.nih.gov/27242088/





^{2.} https://pubmed.ncbi.nlm.nih.gov/11208239/

^{3.} https://www.ornish.com/wp-content/uploads/effectiveness-efficacy-of-an-intensive-cardiac1-2.pdf

^{4.} https://www.clinicaltrials.gov/ct2/show/NCT00038727

Quantifying the ROI of Nutrition Interventions

How is impact of nutrition interventions measured at scale?

- Two main current methods
 - Long form survey
 - Biomarker samples
- Limitations of current methods to measure ROI
 - Usability
 - Costly
 - Time to ROI







Challenges in Measuring ROI in Nutrition Interventions



Usability

- Low participation rate
- Hard implementation
- Low completion rate



Costs

- High cost
- Difficult to forecast costs



Time Horizon

- 1-3 years
- Prohibitive for rapid test and learn

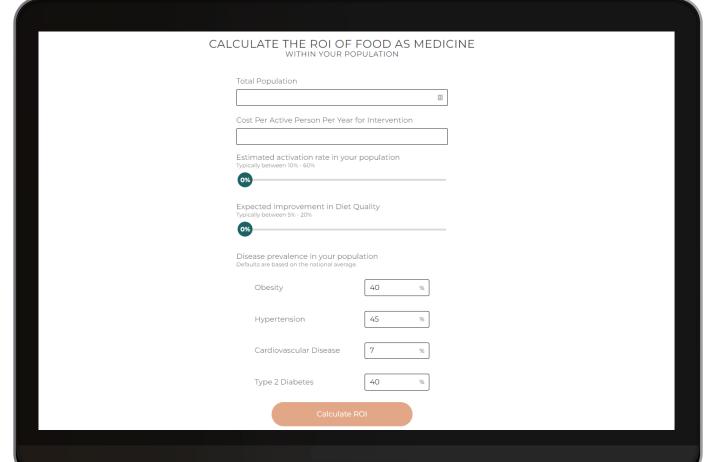




ROI Calculator Free & Accessible To Everyone

dietid.com/roi-calculator









Calculator Significance: Connecting the Dots



Main purpose: estimate the cost savings associated with improving diet quality

Published in the American Journal of Health Promotion

The Financial Case for Food as Medicine: Introduction of a ROI Calculator

David L. Katz, MD, MPH1, Rachna Govani1, Kieran Anderson1, Lauren Q. Rhee, MS, RD, LDN and Dina L. Aronson, MS, RD

Diet quality is now established as the single leading predictor of personal pressure death in modern countries. However, practice at scale in modern medicine is driven as much by financial as dinical impensives and yet, the ability to quantify the powerful BOI of Food as madeina (FaM) incompanions in limited by a lack of thes. Utilizing a round advance in distance assessment and data from the per-resistant framers, we consequent and ment a web-based calculator structure the reservoirs investment associated with FaM interventions.

nutrition, return on investment, financial impact, health communications, that quality

Introduction

Food or medicine (Fubl) in a varientile and arriver concept." validated by medium epidemiology. 22 Diet quality is more endisk quality translate into significant interconstructs in health."

Practice at scale in readers mudicity, however, is different true for wellness, prevention, and lifereste interventions other annual, per capita expenditures for medical care. delivered in non-clinical settings such as worksitus. Consuquently, the financial return on investments (BOS) in 7584 utility as a crucial clamate in program planning, and imcalculator addressing social descriments of health." To the far model assumption best of our knowledge, so ROE calculator specific to draws - To analyse the offices of changes in diet quality on health FaM interventions has been devised. To address this gap, we tisk and associated costs, a narrotive literature search was leveraged a new method for sourcing dut quality, and parliemed. continued it with published estimates on the prevalence, incidency, and costs of chemic discases to create an interactive web-based feed-on-medicine ROI calculator. The toolintended for use in program planning by employers, policy "Dec ID, Inc. Decos, PR, USA makers, health contents, insurence and for use in assessment by researchers, commenters, and sensories among othersgenerates estimates of the potential financial gains from raccoofid FaM intervention

Authoritative sources and most pur-reviewed articles were sought to combleds (a) quantitative linkages between changes tablished as the single leading predictor of permutate in objectively measured diet quality and changes in biodeath in readon countries 40 Objective improvements in sweall markets of classic closure. (b) links are between quantitative shifts in hisenactors, and changes in dist quality, with incident dennic discusse, and in the linkages between transitions from reach by financial as clinical importatives. This is particularly discourable to discount states and the associated incornectal

That ID Tot. a novel, purcer-rounding, image-based distanassessment tool, was utilized to assess dictory composition interventions are a critical constituention in their adoption, and quality. Delivered via any web-marked device, this especially by for-groft cratics, including confequent and its programmy tool annihilates dictory intake pattern, an objective carers, and even hospitals. Such authorities as the CDC, and measure of diet quality," and approximate intake of 150 AHRQ and the Commonwealth Fund above identified one- natricens and fixed group servings, in as little as 60 s.12 The ease and efficiency of tax over short time sparse informed the pformulation, the Commonwealth Fund has developed a BOI - development of the coloridator by providing an outpit cal basis

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CALCULATE THE ROLOF FOOD AS MEDICINE WITHIN YOUR POPULATION

Total Population		
Cost Per Active Person Per Yea	r for Interven	tion
Estimated activation rate in you Typically between 10% - 60%	ur populatior	1
0%		
Expected improvement in Diet Typically between 5% - 20%	Quality	
0%		
Disease prevalence in your pop Defaults are based on the national averag		
Obesity	40	%
Hypertension	45	%
Cardiovascular Disease	7	%
Type 2 Diabetes	40	%
Calculate	ROI	

Simple Inputs

- Population size
- Cost of intervention
- Activation rate
- Diet quality improvement
- Disease prevalence

(can opt to use established US national averages)





Example Use Cases



Employee Population

Using healthy food delivery + digital support for population

- Population size: 10,000
- Cost per active participant per year: \$500
- Activation rate: 20%
- Diet Quality Improvement: 10%

Annual Cost Savings: \$1,088,972 Time to ROI: ~1 year



Population Health

Using digital tools + selective medically tailored meals for most at risk

- Population size: 2,000,000
- Cost per active participant per year: \$50
- Activation rate: 20%
- Diet Quality Improvement: 5%

Annual Cost Savings: \$108,897,180 Time to ROI: ~2.5 months





Business Applications

- Include nutrition solutions as a key part of employee wellness programs
- Ensure the nutrition solutions are backed by Registered Dietitian Nutritionists, the nutrition experts
- Diet Quality as a business KPI
 - Lower diet quality of the workforce → higher healthcare costs & absenteeism

- Include proven nutrition interventions in benefit design
- Design "nudges" to improve diet quality into the environment; Make the healthy choice the easy choice
- Social determinants of health solutions

We have evidence that nutrition interventions work.
It's time to Implement, Operate, and Translate!



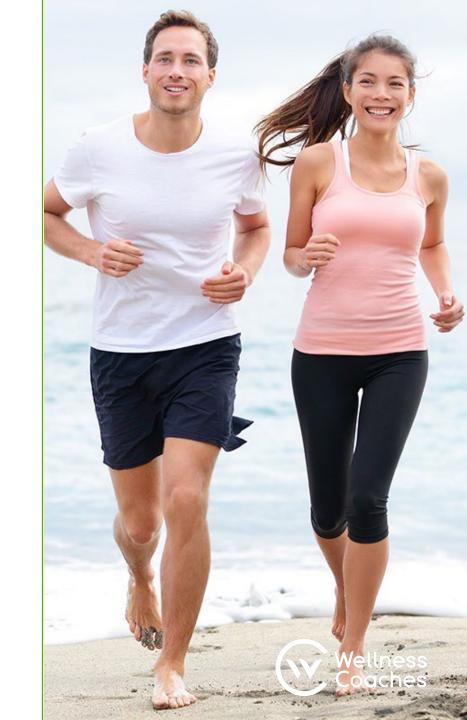


Experts Recommend Including MNT by RDNs in Plan Design

Insurance Coverage of MNT by RDNs

The Affordable Care Act (ACA) outlines covering, without cost sharing, all the adult preventative services recommended by the U.S. Preventive Services Task Force (USPSTF) with a Grade A or B which includes the following:

The U.S. Preventive Services Task Force recommends intensive Nutrition Counseling for cardiovascular and diet-related chronic disease delivered by clinicians including Registered Dietitian Nutritionists.



Accessibility

Insurance

Insurance Plans cover visits – Ensure they are utilized

Telehealth

Convenient Connection
- Virtual Counseling

Credentials

Fully Credentialled RDNs and HIPAA Compliance





Success Story

Overview

Wellness Coaches identified a need for nutrition and wellness coaching services to meet the changing health profiles of 6,000 colleagues for a global automotive leader that serves commercial and consumer clients.

Challenge

Due to reorganizations in the company's operations, employees were moved from a physically active service job to more sedentary call center work. Sitting for all hours of the day on the phone presented risk factors for disease and obesity.

Process

The company worked with Corporate Wellness Nutrition to devise a strategic program to enable greater fitness and wellness without impacting productivity. Following the implementation of the program, there was a significant uptick in employees utilizing this no-cost, high-value benefit.



Outcome

The roll-out of this program helped the company be recognized as one of the healthiest workplaces in the country. The company chairman said, "We are honored to be featured as one of the healthiest workplaces in the country, but more importantly, we will continue to prioritize the health and wellness of our team."





Summary

- Poor nutrition is a leading driver of skyrocketing healthcare costs and productivity loss
- Employers are in a unique position to address employee health while reducing organizational cost
- A successful Health & Wellness program needs to be delivered by credentialed providers and measured for efficacy and ROI
- Diet quality change is a critical KPI for Health & Wellness programs





Questions and Discussion

Please submit your questions using the Q&A tool in Zoom.





Contact



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