



Food as Medicine: A Path to Remission for Type 2 Diabetes

May 14, 2020





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Some of the critical questions and issues we will be answering today

- Practical application of gut microbiome profiling for people with metabolic syndrome
- How food as medicine enables a path to remission for diabetes

 Case study: clinical outcomes and cost savings for the 5th largest health system in the US





Today's Presenters



Lynda Donovan Director, Employee Benefits *Huntsville Hospital Health System*



Andrea Rosler Vice President, Human Resources *Huntsville Hospital Health System*



Josh Stevens President DayTwo



Gregg Mauro Program Director, Employee Health Care Conferences and Resilience Conference *The Conference Board*



O DAY O TWO

DayTwo is a science-based, food as a medicine solution for diabetes and other metabolic syndromes that enables a path to remission.



DayTwo Member Stories



Cynthia Towers McCombs

Certified Wound & Ostomy Nurse Huntsville Hospital System



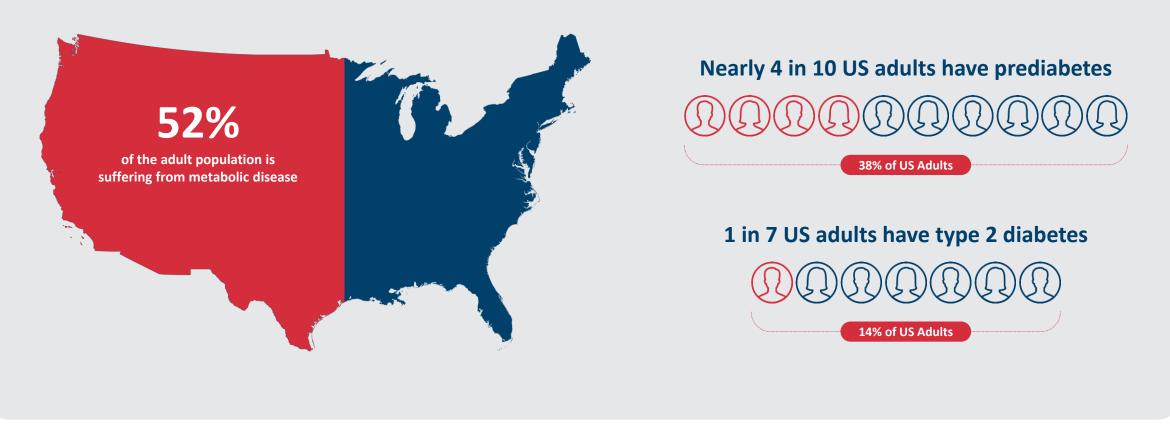
Aleisa Cosby

Certified Pharmacy Technician Huntsville Hospital System



Diabetes Is A Top 3 Cost Driver For Employers

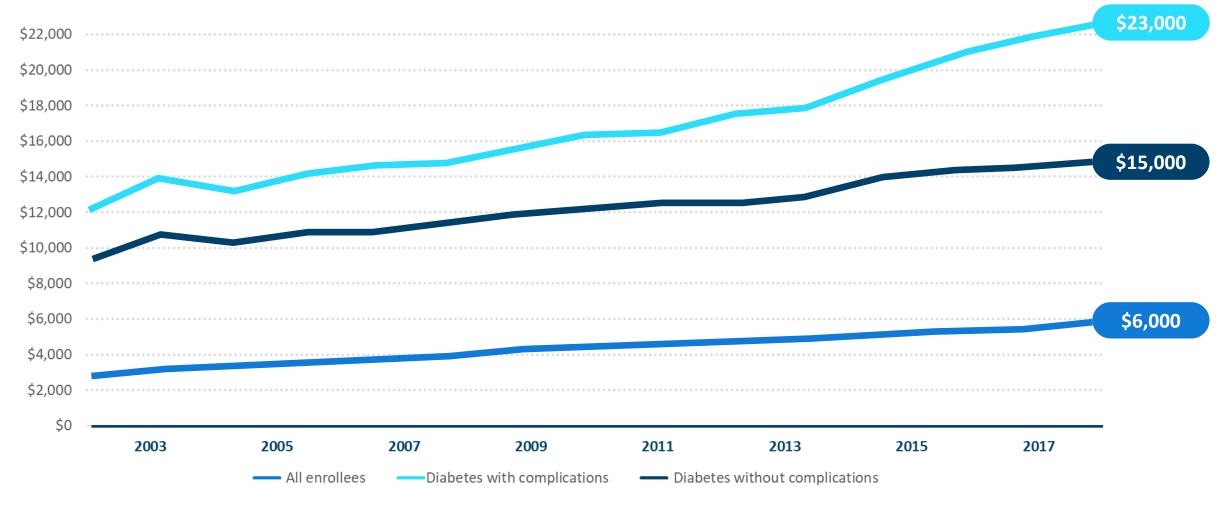
Over half of the adult population has a form of metabolic syndrome



Source: KFF analysis of IBM MarketScan Commercial Claims and Encounters Database, 2003-2017



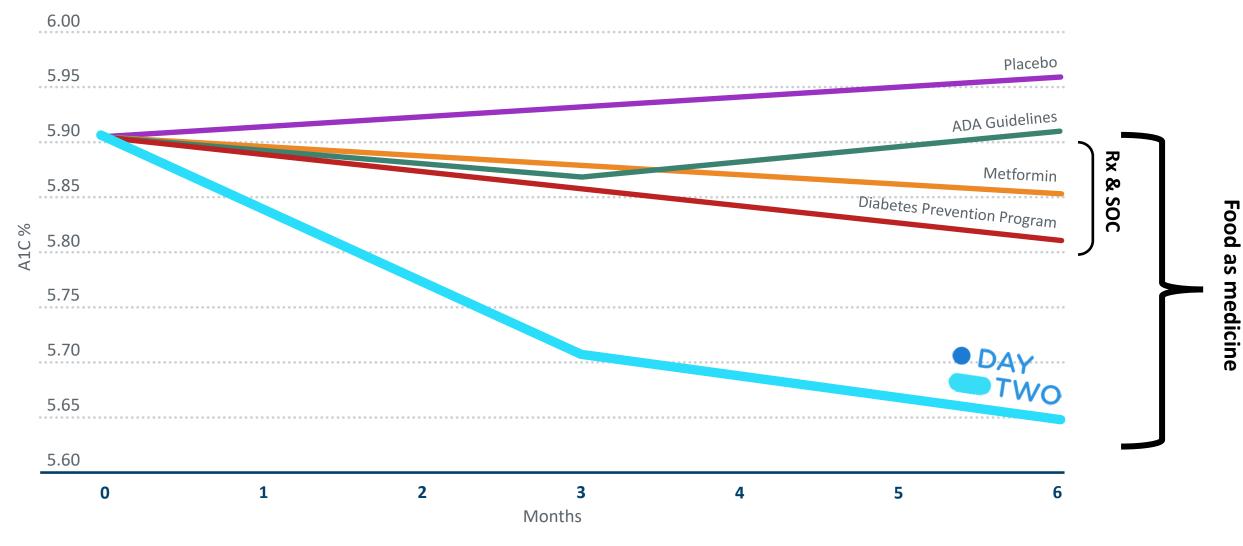
Employees With Diabetes Are 4x More Expensive



Source: KFF analysis of IBM MarketScan Commercial Claims and Encounters Database, 2003-2017

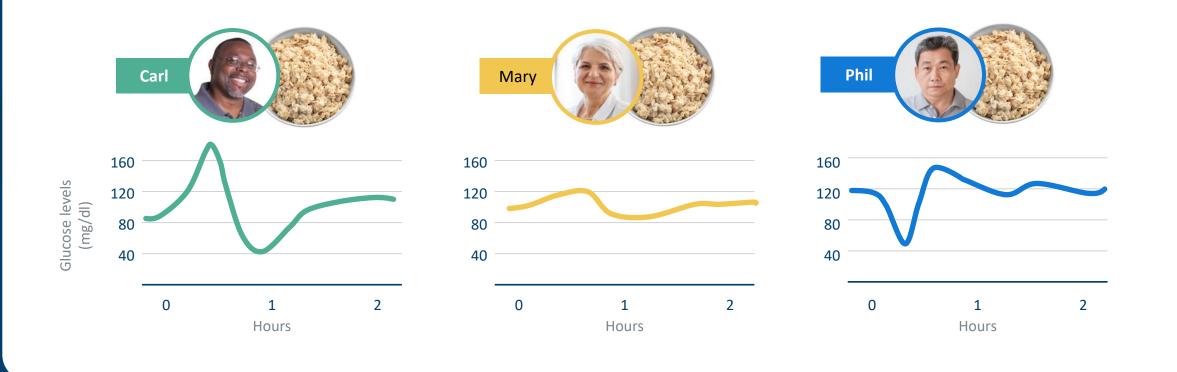


Food Is 4x More Effective In Lowering Diabetes Costs





People Respond Differently To The Same Food





DayTwo Matches The Right Food To Each Person

Predictive Algorithm Inputs Model full bio make-up to glycemic response Measure personal features Microbiome 盲 Health Questionnaire Personalized

Nutrition Predictor





The Largest Food As Medicine Trials Ever Conducted



MAYO CLINIC







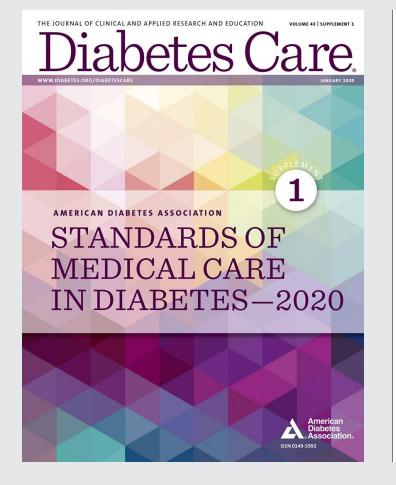


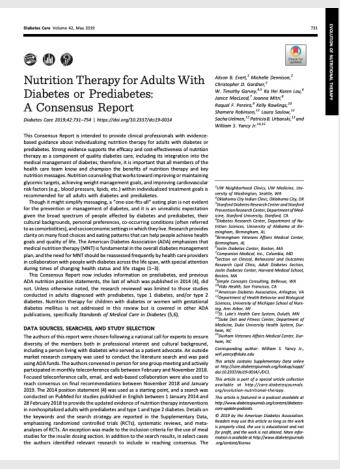
DAY

TWO

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ADA Cites Microbiome Profiling In 2020 Standards of Care





"...research has shown, for example, the wide interpersonal variability in blood glucose response to standardized meals that could be predicted by clinical and microbiome profiles."





Food As Medicine Solution For Metabolic Syndrome







To provide high quality care and services that will improve the health of those we serve.

Taking care of our Employees, allows them to provide the very best care for our patients.



Hospital campuses: 19* Employees: ~15,000 Licensed beds: 2,200+

*Campuses not pictured include Decatur West, Lincoln Medical Center & Curae Health hospitals in Russellville, Haleyville, and Winfield.



Marshall Medical South



Marshall Medical Center

Huntsville Hospital



Women & Children



Madison Hospital



Decatur Morgan Hospital



Athens-Limestone Hospital



Surgery Center of Huntsville



Helen Keller Hospital



Lawrence Medical Center



Red Bay



Decatur Morgan/Parkway

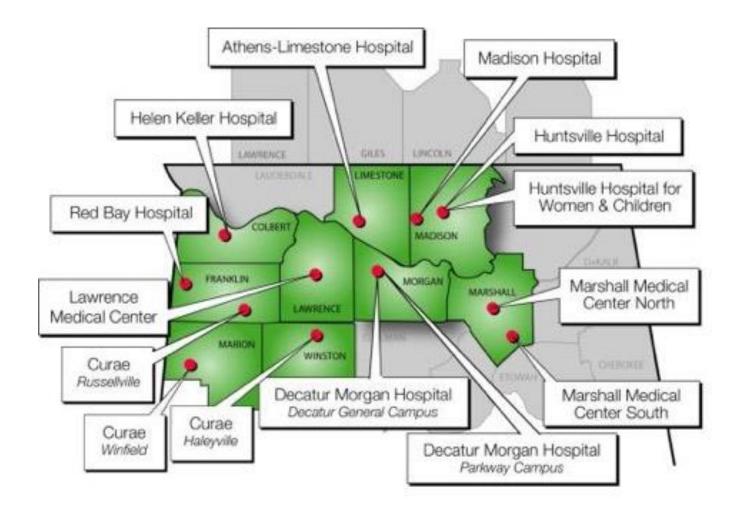


The Heart Center



Encompass Health











Health Matters



Traditional Approaches To Diabetes

ADA Guidelines

Diet Exercise Pharmacology Behavior Change

Pharmacology

Metformin Glucotrol Actos Januvia

Nutrition

Ketogenic Mediterranean DASH plan Paleo



Prescription Drugs Are Not Personalized

Amblify (aripiprazole): Schizophrenia

Nexium (esomeprazole): Heartburn

Humira (adalimumab): Arthritis

OOO

Crestor (rosuvastatin): High cholesterol

Cymbalta (duloxetine): Depression

Enbrel (etanercept): Psoriasis

Advair Diskus (fluticasone propionate): Asthma

Remicade *(infliximab):* Crohn's disease

Copaxone (glatiramer acetate): Multiple sclerosis

Advair Diskus (fluticasone propionate): Asthma

Based on published number needed to treat (NNT) figures. For a full list of references, see Supplementary Information at go.nature.com/4dr78f



2019 Employee Diabetes statistics

Population

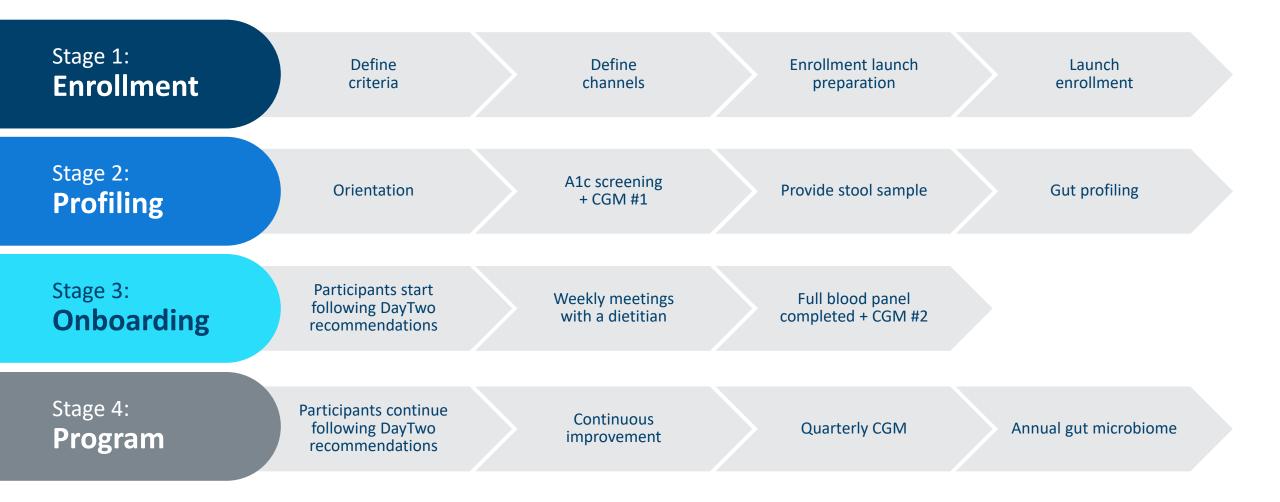
Employees: **15,000** Covered Lives: **30,000** Type 2s: **~800** Costs

Total: **\$102 million** Type 2: **~\$5.7 million** A1c

2017: **7.32** 2018: **7.40** 2019: **7.01**



DayTwo Program Stages





DayTwo Clinical Outcomes





DayTwo Member Reported Outcomes

56%
increase
in energy

ZZZ Z 36% increase in sleep quality

56%
 reduction
 in hunger

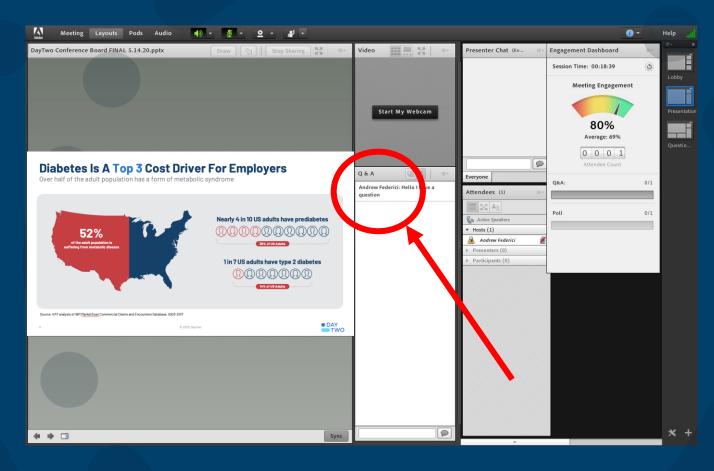


DayTwo Member Retention





Q&A: Please Submit Your Question In The Q&A Window



For a briefing on how food as medicine can lower 2021 claims costs contact: employers@DayTwo.com



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