One Health
by Vydiant

Enhanced Health Guidance

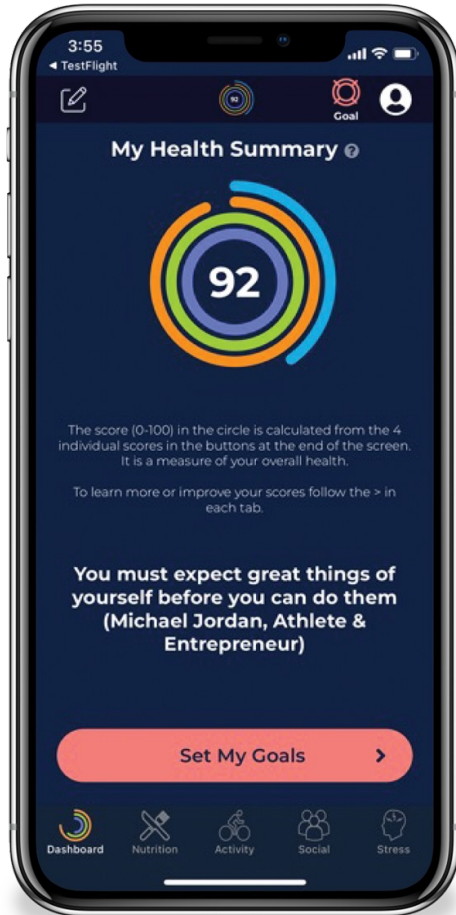Vydiant Priorities

PATENTED
U.S. patent June 2023

A personalized health system, method and device for determining the impact of multiple independent and interrelated factors on human health and making recommendations indicated by the system's knowledgebase to be likely to improve the user's health.
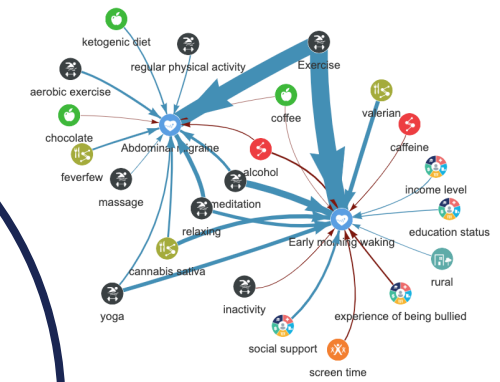
OneHealth Go

The Vision

Ongoing EHR & Lifestyle Data

+ Evidence-based guidance for patients

OneHealth Knowledgebase

+ Discovery of new associations

Existing Scientific Knowledge

Social Determinants of Health Data

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Vydiant Products

OneHealth tools are building the world's most advanced healthware ecosystem.

One Health Pro By Vydiant — Tools for **healthcare and community health professionals**, and educators, to improve health outcome.

One Health Explore By Vydiant — Tools for **researchers and product developers** to advance scientific discovery in pharmaceuticals, food and nutrition.

90%
Time savings achieved by a pharma client using OneHealth

One Health Go By Vydiant — Tools for **individuals and families** to understand and improve their health and manage chronic illness, including comorbidities.

One Health API By Vydiant — API connections and tools for **companies, institutions, and healthcare systems** to use with their own platform or app.

USP Universidade de São Paulo · CONCORDIA UNIVERSITY WISCONSIN School of PHARMACY · gsk · MERCK · axcella · FERRERO

Vydiant Market - Technology Priorities

Abbreviations

OneHealth knowledge Base (OHKB) — ~350K unique statements with directional relationships between ~5000 lifestyle factors and ~2300 MeSH* conditions

OneHealth Pro (OHP) — Web-based application (R Shiny) that accesses and displays conditions/diseases (including comorbidities and strength of evidence) and lifestyle factors from OHKB

OneHealth Go (OHG) — Smartphone app (SWIFT) that captures nutrition, physical activity, social activity, stress plus any Apple health data (including EHRs). Matches lifestyle factor guidance to each person's biometric info and condition from OHKB

API for OHP (API-P) — Delivers lifestyle – disease guidance by entering conditions or factors with age and sex filters

API for OHP (API-G) — Uploads lifestyle data and delivers guidance matched to individual characteristics

OneHealth Explore — For research market, including in house service market

* MeSH = Medical subject headings. Which are mapped to ICD10 and SNOMED

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Vydiant Market Opportunities

Primary goal is to develop a community of users with longitudinal lifestyle data (1 – 4 below)

1. EHR markets

    a. APIs placed on EHR marketplaces

    b. Market Vydiant App on EHR to healthcare systems/hospitals

2. Direct primary care, Integrative Medicine, healthcare workers/organizations

3. Organizations (e.g., AARP) and individuals (registered dietitians, physical therapists) promoting whole person health

4. White label OHG to organizations (American Diabetes Associations, American Heart Association, etc)

5. OHP to universities and individual researchers (would not build community)

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Some markets require additional software development

A. EHR Market

1. Incorporation of OneHealth Healthware into Epic EHRs (in progress) and Oracle Health (contact available)

    a. Adapt API-P to deliver patient-specific lifestyle guidance to EHR – to be done with Kairos Technologies (Madison)

    b. Adapt API-G to deliver patient-specific lifestyle scores to EHR & patient specific-lifestyle guidance to EHR

    c. In discussion with UW Health, contacts @ UC Davis Health, Northwestern Health, Access Community Health

    d. Healthcare systems may want to white label OHG

Vydiant Market - Technology Priorities

Some markets require additional software development

B. Direct primary care (DPC), healthcare workers

    1. OHP is currently being marketed to

        a. Concordia University School of Pharmacy

        b. University of São Paulo School of Medicine

        c. ~40 users (evaluation) with 4 paid

        d. Discussions with several DPC physicians

        e. Being evaluated by Hy-Vee nutritionist, Campbell Soup

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Some markets require additional software development

B. Direct primary care (DPC), healthcare workers (continued)

   2. OHP is being expanded

      a. Lifestyle guidance for symptoms – for DPC market (in progress with expected release in November 2023)

      b. Clinical guidelines – for DPC market (in progress with expected implementation in October 2023)

      c. Incorporation of OHG "tools" for healthcare workers helping digital novices (planning stage) – for Sinai Urban Health Institute (Chicago), Little John's Kitchen (Madison)

- Lifestyle questionnaires
- Lifestyle scoring
- Nutritional fact calculator for personal recipes
- Other as needed by healthcare workers

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Some markets require additional software development

C. Medium to long term priorities

    1. Development of OneHealth Ecosystem for companion animals

        a. Additional products built on OHKB specialized to veterinarians (OHP) and pet owners (OHG – like)

    2. Blockchain

        a. Tokenization of data

        b. Reimbursements for use of personal data

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Thank You

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