

eHealth HUB Smart Guides

FIND YOUR WAY THROUGH THE EHEALTH MARKET

Solution Match Report

“Nutrition and Wellbeing
Solutions”



The eHealth Hub project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No727683



Solution Match

START FROM YOUR NEED, ASK EUROPEAN SMEs FOR A SOLUTION





Solution Match

START FROM YOUR NEED, ASK EUROPEAN SMEs FOR A SOLUTION

“Nutrition and Wellbeing Solutions”

SOLUTION MATCH REPORT



The eHealth Hub project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No727683



Index

1

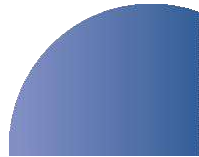
About us

2

Why this report?

3

Companies



1 About us

We are here to support European eHealth businesses

[eHealth HUB](#) - European eHealth business support is the new EU-funded initiative, cross-border and focused on the digital health vertical. eHealth HUB's goal is to provide high-quality business-oriented services tailored to the needs of European eHealth startups, SMEs and stakeholders. We use a demand-driven approach to promote new business and collaboration opportunities for SMEs and key ecosystem stakeholders including healthcare provider organizations, investors, insurers, pharma and MedTech.



info@ehealth-hub.eu

www.ehealth-hub.eu

From Business Modelling to Regulatory advice: exploit our services

eHealth HUB offers FREE services to support European eHealth SMEs, healthcare providers and ecosystem stakeholders on the following key areas:

Business modelling



Business model clinic *One-on-one Support*

The Business Model Clinic supports the best promising entrepreneurs and startups offering personalized coaching on business proposition, customers and go-to-market strategies.



Lean Startup Academy *Learn to be Lean*

The Lean Startup Academy provides eHealth SMEs with the opportunity to mature their business by systematically testing their ideas against the market.

Commercialization



Solution Match *Start form your need, ask European SMEs for a Solution*

Solution Match supports healthcare providers, insurers, pharma or medtech companies looking for a concrete digital health solution to be implemented in their organization.



eHealth Roadshow *Pitch your solution, Jump into European market*

eHealth Roadshow offers an opportunity for selected eHealth SMEs to expose their digital health solutions in front of a Committee of key stakeholders in the eHealth European market.

Access to private finance



Investment readiness training & pitch *Make eHealth SMEs ready to make their business*

eHealth Hub Investment Readiness prepares European early-stage startups and SMEs to approach and collaborate with investors.



eHealth Hub Platform *The place to be for eHealth SMEs and Investors*

The eHealth Hub Platform features SMEs, investors, healthcare organizations, legal and regulatory service providers. By registering, health stakeholders can get easily in touch with each other.

Legal issues & Regulatory and reimbursement guidance



Legal Support *A compass to navigate legal services through Europe*

eHealth Hub Legal Network offers good quality, affordable legal advice for eHealth SMEs as well as free workshops detailing current legal issues of eHealth SMEs interest.



Regulatory Guidance *Regulatory and Reimbursement Guidance for eHealth SMEs*

eHealth Hub Regulatory Network helps European eHealth SMEs to be compliant with regulatory requirements and develop reimbursement strategies across the European Union.

Let's find the best way to work together



Sylvie Donnasson,
eHealth Hub partner
and eHealth Hub team

“Most healthcare providers are looking to implement digital health solutions. However, the market is constantly evolving and finding the perfect match to a concrete and very specific need is challenging. Solution Match is the eHealth Hub personalized service for health care providers interested and ready to implement a digital health solution, linking the economy to innovation. More generally, our role is to best serve entrepreneurs on their business journey by creating a value chain and proposing a combination of services. Your business is in digital health? Contact us, we will find the best way to work together”.



Solution Match

One of the services offered by eHealth Hub is called Solution Match. It specifically focuses on:

a

Engaging healthcare providers, insurers, pharma and MedTech companies looking for a concrete ehealth solution and ready to implement it.

eHealth Hub helps them clarify their requirements, research the offering and connect with the most relevant SME solutions on the market.

b

Accelerating commercialization by outsourcing for free the filtering for fit of relevant digital health solutions in a rapidly moving ecosystem.

2 Why this report?

eHealth Hub organized a Solution Match service for DOMPÉ Pharma, a biopharmaceutical company with a strong focus on innovation, to empower people to adopt healthier nutrition habits by supporting the development and approval of innovative digital solutions. We did a public call for applications and received 26 answers. The following report displays the results of that call for applications, presenting in a synthetic way all the companies that applied and their main features.

Who is that report for?

▶ SME's looking at promoting one or more nutrition and wellbeing solution(s)

▶ Companies specifically interested in nutrition and wellbeing solution(s)



The advertisement features a background of a network diagram with nodes and connecting lines. On the left, there is a square icon containing three interlocking puzzle pieces. The main text reads: "Dompé Pharma is looking for innovative digital health solutions to help people adopt healthier eating habits and live better lives". Below this, it says "Apply before October 31st". In the bottom right corner, there are logos for "Dompé" (a red square with a white 'D') and "eHealth HUB" (a blue and green logo with a network icon). A woman's face is partially visible on the right side of the advertisement, looking upwards.



Companies





<http://www.b-wom.com>

FOUNDED 2015

COUNTRY Spain

CONTACT Helena Torras

CEO & Co-founder

helena@b-wom.com

VIDEO

Solution Description

B-wom is empowering women through their health.

We accompany them through their life and the different stages, guiding, educating and providing the tools for them to improve or reduce symptoms on their health situation.

B-wom is the only app that offers a holistic and prevention approach towards female intimate health and that personalizes the solution based on data and user needs.

Women have to deal with many changes and don't have any other trustworthy resource to find personalized information. Doctors don't have the time to educate and give preventative instructions

● **The main area(s) of activities**

- Women's health treating it holistically (intimate health, pelvic floor, sexual dysfunction, healthy habits, breast cancer self-exam, eating habits, sport habits, stress)

● **The specialization(s)**

- Providing personalized action plans and prevention plans to women about their health in things that are not sickness but affect their life and can be improved with a digital companion like us



www.cocoeating.com

FOUNDED 2017
COUNTRY Spain
CONTACT Javier Quintero

Director

javier.quintero@cocoeating.com

[VIDEO](#)

Solution Description

Coco Eating© has developed a multidimensional model (EAT-ID©), which addresses the problem of overweight, based on emotions and behavior. Five dimensions that would explain the emotional, cognitive and psychological aspects that influence the development and maintenance of obesity are evaluated.

- Emotional Dimension
- Addictive dimension
- Traumatic dimension
- Impulsive dimension
- Disorganize / dysexecutive dimension

This approach classifies each user according to their different profiles and proposes specific objectives through an emotional/behavioral model (COCO © Method).

We are developing an application that works this method and supported mainly (but not only) in a chatbot (Coco Eating ©), we help the user to change their relationship with food.

Through this model, the door opens to obtain changes in lifestyle, habits and behaviors related to the diet in an individualized way. To date, the nutritional plans did not consider all these behavioral and emotional aspects, therefore they obtained temporary and artificial changes in the diet, without being able to keep them over time.

● The main area(s) of activities

- Overweight & Obesity

● The specialization(s)

- Psychiatry
- Psychology
- Pharmacy
- Nutrition
- Engineering



www.diske.net

FOUNDED 2014

COUNTRY Finland

CONTACT Timo Kettunen

CEO

timo@diske.net

VIDEO

Solution Description

We have developed an algorithm based AI engine that models human physiology. It is a combination of object-oriented approach, modular aggregators and neural networks. With this combination, you can, for example, emulate how foods effect to body and predict different kind of values.

Our first implementation of this engine is virtual personal trainer/nutrition coach that understand personality and uses psychology to guide lifestyle choice and change habits. It can take multiple variables, like diseases, allergies, and medicines account (we have own cyp interaction database and nutrition database). We base everything to science and use only validated studies and databases, official recommendations and other EBM sources.

Basically this is the first nutrition coach that can scale itself in realtime, take vacations, sick leaves, parties et cetera into account. It will autotrack your weight management progress and understands if you cheat. Our solution scales a week-long nutrition plan to you whole family and gives you full and scalable recipes (not just ingredients).

Later we can add exercise, sleep, recovery, pharmacy... basically you name. Our ideology is to engage people in long-term behavior change without everyday food logging. We have to give an "one button solution" if we want to compete with fast food applications and unhealthy digitalization.

At some point our solution can diagnose and take all medication into account. We can already take gene data into account if we want. Basically we cover every item in your must-have and nice-to-have lists and can do much more.

What you are seeking for is 100% what we can offer. We have been waiting for a potential partner like you, so this is a match made in heaven. We would be more than happy to show you more and give a little demonstration.

● The main area(s) of activities

- Holistic lifestyle guidance AI software development

● The specialization(s)

- Lifestyle guidance
- Habit change via psychological education
- Nutrition
- Pharmacy
- Fast bootstrapping
- Problem solving
- Healthtech software development



www.dnanutricoach.com

FOUNDED 2014
COUNTRY Spain
CONTACT Valentini
Konstantinidou
CEO
valentini@dnanutricoach.com

VIDEO

Solution Description

DNA-based nutrition. As unique, as you are.

Precision nutrition boosts and balances your life! Your genes can not change, YOU can!

Our DNA is what makes us unique and differentiate us one from another. Our DNA specifies and differentiates what diet fits better our internal, molecular needs. Nutrigenetic science explains how our genes affect our nutritional plans and what we can do to balance and improve them.

In DNANUTRICOACH® we start with a saliva sample; we extract DNA and we analyze specific diet-related genes. Based on the genetic results, we design personalized and precise nutritional plans coupled with food and wellness coaching. We help people make the necessary adjustments in their nutritional habits and lifestyle for long-term health and enhanced wellbeing.

Applied nutrigenetics make precision nutrition a reality.

Disclaimer: Nutrigenetic analysis doesn't make a diagnosis of any medical condition and does not provide a risk assessment of odds of medical conditions.

● The main area(s) of activities

- Nutrigenetics
- Coaching
- Nutrition
- Antiaging

● The specialization(s)

- Nutrigenetics
- Food Coaching



www.educationalfactory.com

FOUNDED 2017
COUNTRY Italy
CONTACT Giancarlo La Pietra

Doctor

g.lapietra@educationalfactory.com

[VIDEO](#)

Solution Description

The PERCIVAL project aims at developing an integrated, sharable and real-time model of knowledge and information involved in the treatment of chronic diseases. Patients affected by chronic diseases are often interested by multiple disorders, which make them frail from many points of view:

- From the physical perspective, they must follow different kinds of therapies, with possible negative intersections that could cause them very hard side-effects;
- From the psychological standpoint, the self-acceptation of such long-term disability, and, for most of them, life-long disability, is very difficult to reach;
- Last, but not least, from the social viewpoint, they must entirely depend on their caregivers, that are their relatives most of times, for all the aspects related to their condition; this dependency typically becomes closer and closer according to the evolution of the chronic disease.

The three aspects above are correlated: indeed, positive reaction to a therapy increases the self-confidence perceived by the subject, whereas negative reaction decreases it; high levels of self-confidence influence positively social relationships between patients and the rest of the world (in particular, we are interested in relationships between patients and people involved in their disorder treatment, like caregivers, doctors and other professionals), whereas low levels influence negatively them; finally, positive social relationships facilitates the patient to follow therapies, whereas negative ones can bring him/her to refuse them.

PERCIVAL is ensuring both complete interaction with Wearables and GDPR and HIPAA compliance, while following Privacy and Security by Design methodologies for medical applications and data.

● The main area(s) of activities

- Medical training
- A.I.
- Machine Learning
- Patient's monitoring

● The specialization(s)

- Business development
- International cooperation
- Research exploitation



www.grg-gt.com

FOUNDED 2014
COUNTRY Switzerland
CONTACT Roberto Giovannoni

Co-founder / Associate Professor
roberto.giovannoni@grg-gt.com

Solution Description

The GRG Gene Technology SA developed a novel drug delivery system, without any need of purification, of anti-atherogenic ApoA-1Milano molecules, by means of their synthesis in seeds of genetically modified rice plants administered to the disordered organism by oral gavage in form of seed extract [Giovannoni R. et al., Patent Nr. 102016000081193 (2016), PCT/IB2017/054646]. We successfully tested this delivery system of APOA-1M proteins in an atherosclerotic mouse model, demonstrating that orally administered APOA-1M significantly reduced plaque size and lipid composition in aortic sinuses and aortas of treated atherosclerotic mice [Romano G et al, Int J Cardiol, 2018]. Moreover, the enteric administration of APOA-1M was also efficient to reduce inflammation in liver of atherosclerotic mice [Romano G et al, Int J Cardiol, 2018; Giovannoni R et al, Atherosclerosis Suppl, 2018], suggesting a systemic anti-inflammatory effect mediated by APOA-1M proteins. Competitive advantage: ability to synthesize this drug directly within the delivery system (the 'rice milk'), skipping costly and highly inefficient purification steps. The nutraceutical revolution: food as safe drug synthesis and delivery system.

This innovative nutraceutical approach can be further implemented in the cohort of patients that will benefit of the antiatherogenic effects of 'drinking a glass of rice milk' by education programs that will illustrate to the cardiovascular patients that they can obtain a reduction of risk factors exposure by a healthier life style habits (i.e. reducing assumption of high fat nutrients).

● The main area(s) of activities

- Cardiovascular medicine and therapeutics
- Nutraceuticals
- Plant biotechnologies
- Medical education
- Digital health

● The specialization(s)

- Cardiovascular medicine
- Drug delivery



www.healthybluebits.com

FOUNDED 2014
COUNTRY Spain
CONTACT Manuel Escobar

CEO

manuel@healthybluebits.com

VIDEO

Solution Description

"Esporti Family, the Academy of Family Health" is a mobile application that combats childhood obesity within the family thanks to the empowerment of people and the service of health organizations. The proposal to achieve behavioral changes towards healthy lifestyles thanks to this eHealth tool is gamified training and hitch thanks to IoT and AI. We have scientifically validated content generated by professionals in the field of child health. The user progresses in learning in a simple way, generating data of their evolution that can be analyzed in an aggregate way to plan community health programs.

● The main area(s) of activities

- Healthy Blue Bits is a startup focused on the digital transformation of health through mhealth tools. Our activities to achieve this goal is the design of mobile applications, from scientific content such as technological development, dissemination, marketing and implementation in health organizations.

● The specialization(s)

- Our specialty is childhood obesity. For this we start from an important vision of prevention and health promotion in the community and in particular the modification of healthy lifestyles in the family. With this objective, we have mobile applications that influence people through motivation, training and adherence. Nutrition plays an important role in our solutions.



www.i-maginary.it

FOUNDED 2004
COUNTRY Italy
CONTACT Lucia Pannese

CEO

lucia.pannese@i-maginary.it

VIDEO

Solution Description

MyHappyPAT is a game app (5 games in 7 languages) that promotes healthy lifestyle and nutrition combining patients' empowerment and education, specifically studied for children (4-11 years, adapting with age) with cystic fibrosis, but which can be used also by a non-pathological pediatric target, e.g. as innovative instrument for food education in schools.

In the game, players take care and feed an avatar, thus from the educational point of view children learn to take care of their own selves, to recognize their needs and act strategies to satisfy these. In particular children learn to distinguish the main macronutrients (carbohydrates, proteins and fats) and their subcategories (e.g.: fats of animal and plant origin); the quantity of fats in specific aliments; the importance to hydrate often through the day and of physical activity. The game adapts to patients' alimentary habits in Northern / central Europe and in the Mediterranean countries respecting cultural and environmental variables and can be used both individually or in an assisted mode.

It was awarded Innovator Prize for health and wellbeing education at Premio Innova S@lute 2017 in Italy.

● The main area(s) of activities

- Health & Care
- Training & Education
- Research

● The specialization(s)

- Serious Games/VR (design and development)
- Gamification
- Enabling Technologies
- Participatory design
- Usability and motivational studies
- User experience
- Graphics (immersive, 3D)

Insulclock

Solution Description

www.insulclock.com

FOUNDED 2014
COUNTRY Spain
CONTACT José Luis López
Sánchez-Pascuala
CEO
miguel@insulclock.com

To improve the quality of life of patients with diabetes and to increase the adherence to their treatment, Insulclock ® has been developed. Insulclock ® is a small electronic device very easily plugged in most disposable insulin injection pen, which helps patients automatically tracking critical information about their treatment, such as remembering the date, time and dosage of the last shot and the time of the next one, and monitoring type of insulin and its temperature. A reminder system by visual and acoustic alerts avoid mistakes and omissions. Moreover, via Bluetooth it sends the information to a pre installed app, keeping data in the Cloud for data warehouse and synchronization with multiple devices. The app helps diabetics and their doctors and caregivers managing the disease along time, monitoring the disposable insulin pen use in real time

Insulclock® also keeps informed the designated person by the patient, by establishing a CAREGIVER or a RELATIVE (an ALLY) in diabetes. The caregiver is the person who will be informed (only with the patient's prior consent) on all parameters and collected data by Insulclock ®, warning if patient has taken his or her insulin, when he/she has injected it, the amount, what type of insulin, the conservation temperatures, etc by sound and light alarms and sending emails for warning caregivers on forgetfulness, improper doses, mistakes with the insulin injected high or low temperatures of the insulin (essential data for its proper conservation), etc

This function is specially designed for children, elderly and dependent people By this way, patients will be monitored by their parents (in the case of children) or by their children or caregivers (in the case of elderly)

Nowadays, Insulclock ® is able to perform an automatic monitoring 24 7 of the use of the disposable insulin pen, including the temperature of the insulin and generating reports and sending data to Cloud for be consulted by users, caregivers, tutors, parents and physicians.

● The main area(s) of activities

- HealthTech
- IoT
- eHealth

● The specialization(s)

- Chronic diseases
- Treatment adherence
- Diabetes

VIDEO



www.ivh-hit.com

FOUNDED 2013

COUNTRY Spain

CONTACT Sergio Lozano

COO

sergio.lozano@iValueHealth.net

Solution Description

Turnkey solution (both mobile app and website) with focus in 3 main areas:

1. Information: Prevention & Awareness through Mobile APP
 2. Interaction: Based on data introduced and / or gotten from connected device
 3. Algorithm / AI: Based on Profile (up to 15 different configurable variables), introduced data, previous information delivered and evolution, new information delivering is prepared.
- SMS length is the base of Information (it would be 1 tip per day through mobile app or SMS, depending on market).
Interaction could be through interface or directly connected device.

● The main area(s) of activities

- e/m-Health

● The specialization(s)

We aim to contribute and respond to the following needs

- i. identifying more and share medical information for better treatments, as people are living longer and becoming more health conscious,
- ii. decreasing physicians to patients/inhabitants ratio and medical services becoming too costly, and
- iii. better access to information and continuously increasing Health awareness using all potential devices.

KUARTISMED

www.kuartismed.com

FOUNDED 2012
COUNTRY Turkey
CONTACT Ahmet Saracoglu

CEO

ahmet.saracoglu@kuartismed.com

VIDEO

Solution Description

Our product NeoSAFE is for the assesment and monitoring of feeding ability of infants. We achieve this by monitoring respiration and swallow activities of infants by utilizing readily available sensors, signal processing and machine learning. There are no similar products at the market and the lack of it results early discharges, growth problems, re-admissions, infections and many more. Impacting health system, hospitals, insurance companies and more importantly parents and their newborns. So far we have received two fundings from EU Horizon 2020 and started our clinical trials last month.

● The main area(s) of activities

- Biomedical device design and manufacturing
- Newborns
- Preterms
- Feeding assessment

● The specialization(s)

- Machine learning
- Signal processing
- Electronic design
- Feeding assessment



<http://lifedata.ai/ai-solutions/digital-health>

FOUNDED 2014
COUNTRY Switzerland
CONTACT Omar Fogliadini

Managing director

omar.fogliadini@lifedata.ai

VIDEO

Solution Description

Connected lifestyle management or behavioral change. LIFEdata PersonalHEALTH is a ready-to-market technology that uses data from smartphone, smart home, environment to build a personalized, behavioral guidance (nutrition, sleep, stress, weather ...). 4 years of research over Pubmed validated approaches is giving us a cutting edge wellbeing database. The solution is a data-driven, contextual behavior change platform which continuously learns and adapts to the user building a bridge between individual wellbeing (quantified biology), physical world and digital experience, thus enabling scalable chronic conditions prevention cost effectively. We have built a platform focused on personalized digital treatments that uses various sources of data and converts them into actionable connected experiences for healthy living or augment the real-life value of therapeutics.

● The main area(s) of activities

- Personalized nutrition
- Digital health
- Insurtech

● The specialization(s)

- Data science
- Behavior science
- Functional nutrition
- Personalized nutrition
- Nutritional fitness from DNA
- Personalized wellbeing
- Corporate wellness



www.medopad.com

FOUNDED 2011
COUNTRY United Kingdom
CONTACT Edward Lawton

Life Science Partnerships
edward.lawton@medopad.com

[VIDEO](#)

Solution Description

There is a need to better understand the body's response to nutritional choices. Not only is it required for well-being and healthy ageing, but it is also required for disease related malnutrition which can often exacerbate the symptoms the patient is suffering from. Generalised diet plans may not suit the individual and the growing field of nutrition science is outlining the importance of taking a personalised approach to nutrition.

Our approach to personalised nutrition will have three phases. The first phase is the nutritional assessment where we can ideally capture:

- Medical History
- Social and Psychological history
- Personality type
- Nutritional limitations
- Energy and fluid needs
- Protein needs
- Genetic screen for host nutrigenetics and gut microbiome profile
- Biochemical Analysis of stool and urine

Medopad is uniquely positioned as a platform that can integrate third-party digital innovations. Personal nutrition development may include the integration of a third-party AI-driven food recognition software, adding convenience and continued engagement with the nutritional diary. Nutritional education will also play an important role in enabling the patient/user to harness their full potential.

● The main area(s) of activities

- Remote patient monitoring across multiple disease areas

● The specialization(s)

- Medopad is an RPM platform that is disease agnostic and it is our intent to apply this technology to as many disease areas where patient outcomes can be improved through digital means.

NutritIO

www.nutritioapp.com

FOUNDED 2016
COUNTRY Romania
CONTACT Laurentiu Nicolae

Co-founder

laurentiu@nutritioapp.com

VIDEO

Solution Description

Advanced software for dietitians and nutrition professionals. Nutritio automatizes the repetitive processes, reduce the time required to work with a patient to less than 50% providing them a tool that can do meal planning, nutrient analysis, improved communication with patients.

● The main area(s) of activities

- Sales and marketing

● The specialization(s)

- Developer "converted" to sales and marketing



<http://metabolicealthsolutions.org/>

FOUNDED 2011
COUNTRY United Kingdom
CONTACT Peter Robins

General Manager – Europe

peter.robins@metabolicealthsolutions.co.uk

VIDEO

Solution Description

Swiss Re, the world's second largest re-insurer, calculates that the metabolic diseases (Type 2 diabetes, pre-diabetes, hyperinsulinemia and metabolic syndrome) affect 61% of the population and are responsible for unprecedented, diminishing life expedencies. These chronic conditions are closely linked to the incidence of obesity and excess weight which now affects approximately two thirds of the population.

Metabolism is the complex set of processes in the human body that sustain life. Energy metabolism is the subset of processes that provide the energy for the human body.

MHS have developed ECAL a small, portable, affordable and accurate Indirect Calorimeter, together with Proprietary Software. Whilst Indirect Calorimetry has been available for many years current machines are designed for use in research and hospitals (plus for elite sports performance). ECAL is the worlds first Indirect Calorimeter designed specifically for clinical use.

By measuring breath products, specifically Oxygen consumed, and Carbon Dioxide produced, we can determine key information about a patient's energy metabolism much as when a mechanic examines a car's exhaust. We can tell how much energy a person is using at rest (Resting Metabolic Rate), what percentage of that comes from fat or carbohydrate (Respiratory Quotient) and also how efficiently cells are producing energy (Mitochondrial Efficiency).

After measuring these key parameters, we can determine possible lifestyle interventions such as diet and exercise to improve metabolism. You cannot manage what you do not measure.

MHS clinics combine other Metabolic Testing equipment such as Bioimpedence as well as pathology testing.

To date we have seen exceptional results with 74% of patients who complete a 12 weeks program with us maintain a clinically significant weight loss for over 12 months, equivalent to results seen through Bariatric surgery and significantly better than the conventional lifestyle progress of 3-20% success

● The main area(s) of activities

- Metabolic technology development, digital health platform development and clinical management of obesity and other metabolic disease

● The specialization(s)

- Precise measurement of individual metabolic health for clinical management of metabolic disease



federicomessina.com

FOUNDED 2018

COUNTRY Italy

CONTACT Federico Messina

Consultant bariatric surgeon

dr.federicomessina@gmail.com

VIDEO

Solution Description

Mobile app based platform to promote weight loss and control food intake and physical activity.

● The main area(s) of activities

- Obesity Surgery

● The specialization(s)

- Precise measurement of individual metabolic health for clinical management of metabolic disease



www.patientmpower.com

FOUNDED 2015
COUNTRY Ireland
CONTACT Colin Edwards

Chief Scientific Officer

colin@patientmpower.com

VIDEO

Solution Description

PatientMpower is digital healthcare company providing solutions for patients and healthcare providers in the treatment of chronic medical conditions. To date, our main focus has been in interstitial lung disease (including post-lung transplantation) and end-stage renal disease (ESRD; including haemodialysis and post-renal transplantation). We have conducted and published our own clinical studies in interstitial lung disease and haemodialysis. Other expert centres are using the patientMpower platform to capture patient-reported outcomes in their research programmes. Our platform for haemodialysis is empowering patients to achieve better self-care by optimising their fluid management and adherence to treatments between dialysis sessions. This will result in less missed dialysis sessions and more predictable delivery of haemodialysis.

Patients with ESRD must avoid foods containing high levels of potassium or phosphate.

Current food labels rarely contain information about these components. patientMpower has developed a mobile application to advise patients with ESRD of phosphate and potassium levels in their food to help them make informed food choices. This application will be assessed in dialysis patients at inpatient healthcare settings to evaluate quantitative and qualitative benefits. Our solution will use a novel method of tracking phosphate and potassium intake using real-time visual analysis of patients' meals linked to a catalogue of food phosphate and potassium content which will be used to train machine learning algorithms. Prospective use of the patientMpower application will result in a continual refinement of food phosphate and potassium content database linked to measurements of biomarkers of these substances in ESRD patients.

This application developed by patientMpower will inform ESRD patients in real time of phosphate and potassium levels in foods and help them make healthier food choices. To date no application of this type exists and it complements our existing application for haemodialysis patients in helping patients with ESRD achieve better health outcomes and quality of life.

● The main area(s) of activities

- Patient empowerment
- Digital health
- Developing information tools for patients with chronic conditions
- Real-world research in chronic conditions

● The specialization(s)

- Pulmonary diseases (interstitial lung diseases, post-lung transplantation)
- Renal diseases (end-stage kidney disease, post-renal transplant)



www.sagotek.it

FOUNDED 1993

COUNTRY Italy

CONTACT Ugo Mancini

CEO

info@sagotek.it

Solution Description

OncoSafe is a machine on wheels, which creates a technical vacuum on drugs before infusion. The EU Commission had released the SEAL OF EXCELLENCE to our OncoSafe.

The lack of dedicated equipment or work protocols well defined by the Guidelines in this phase of the process of chemotherapy is that we want to fill the void.

The OncoSafe is a trolley with two functions, the first is to carry the drugs in a tray , the tray is provided with a continuous suction that prevents the dispersion of biohazard agents , the second function is to isolate the waste , syringes or all of the containers that were used with biohazard drugs. The OncoSafe eliminate the dangers of these drugs both at the time of production, during transport and at the time of deletion. We have created and want to sell a machine / equipment specifically for these uses and establish procedures to be included in the Guidelines, conduct standardized to minimize the dangers of these products during this part of their cycle of use. OncoSafe is now a product in certification, it will be a real innovation in chemotherapy. If you are interested at the exclusive, we are ready to proceed.



www.genetx.eu

FOUNDED 2017

COUNTRY Romania

CONTACT Bogdan Ivanov

CEO

bogdan.ivanov@genetx.eu

VIDEO

Solution Description

DISRUPTING THE WAY WE ARE EATING!

Based on the genetic analysis of DNA, made with the latest technology (Next Generation Sequencing), and the highest precision to identify genetic variations, clients can PREVENT diseases and find therapeutic NUTRITIONAL solutions:

Eat proper food which contain macronutrients and micronutrients (minerals, vitamins) to fulfill personalized needs.

Choose most efficient treatment in case of illness

Benefit from physical activity in accordance with their metabolism

Screening of genetic variation to prevent cancer and other diseases.

● The main area(s) of activities

- We are solving the following problems:
- Missing rehabilitation tools for obese, diabetes and other metabolic disorders patients to increase their health status through proper nutrition/food/nutritional supplements
- Unhealthy diet and lifestyle,
- Unbalanced intake of nutrients which don't meet personal unique needs
- Uncontrolled weight
- Missing prevention actions
- Missing simple and user-friendly software application to help people customize their food and nutritional supplement intake according to:
 - PERSONALIZED nutritional needs according with genetic profile
 - PERSONAL food preferences
 - PERSONAL intolerance
 - PERSONAL lifestyle: basal metabolism, sport activity
 - MAXIMUM admitted nutrients intake

● The specialization(s)

- Nutrition
- Screening
- Genetic testing

snaq

www.snaq.io

FOUNDED 2017

COUNTRY Switzerland

CONTACT Aurelian Briner

CEO

aurelian@snaq.io

Solution Description

DNA-based nutrition. As unique, as you are. Precision nutrition boosts and balances your life!

Your genes cannot change, YOU can!

Our DNA is what makes us unique and differentiates us one from another.

Our DNA specifies and differentiates what diet fits better our internal, molecular needs.

Nutrigenetic science explains how our genes affect our nutritional plans and what we can do to balance and improve them. Applied nutrigenetics make precision nutrition a reality.

In DNANUTRICOACH@ we offer applied nutrigenetics programs.

We start with a saliva sample; we extract DNA and we analyze specific diet-related genes. Based on the genetic results, we design personalized and precise nutritional plans that fit each person's everyday routine, coupled with food and wellness coaching.

Our motto is: KNOW, UNDERSTAND, CONTROL. We want people to KNOW their genetic results, UNDERSTAND what they mean for them and CONTROL them by small and constant lifestyle and nutritional changes. We help people make the necessary adjustments in their nutritional habits and lifestyle for long-term health and enhanced wellbeing.

Our programs can be offered online and all our coaching sessions are 1-hr long.

We were born in Spain and we currently expand in Greece and in Europe.

Disclaimer: Nutrigenetic analysis doesn't make a diagnosis of any medical condition and does not provide a risk assessment of odds of medical conditions.

● The main area(s) of activities

- Diabetes
- Food analysis
- Disease risk prediction

● The specialization(s)

- Artificial Intelligence
- Computer Vision
- Machine Learning



www.span.health

FOUNDED 2018
COUNTRY United Kingdom
CONTACT Patrick Samy

CEO
patrick@span.health

[VIDEO](#)

Solution Description

Using a clinically-proven approach based on nutritional ketosis, we structured a 12 weeks program to put patients with type 2 diabetes in remission. It's delivered through a smartphone with a blood meter device used to provide daily nutrition advice. Patients can chat with their dedicated doctor and nutritionist team at any time during the program.

● The main area(s) of activities

- Digital therapies for chronic diseases

● The specialization(s)

- Type 2 diabetes



www.sundose.io

FOUNDED 2017

COUNTRY Poland

CONTACT Michal Golkiewicz

CEO

michal@sundose.io

Solution Description

Today we offer a subscription-based 100% personalized dietary supplement designed based on a medical questionnaire, research-based algorithm and made to measure manufacturing process. Delivered to the doorstep on monthly basis. We help consumers replenish necessary vitamins, minerals, antioxidants, omega-3 and probiotics. Our mission is to focus consumers attention to habit improvement and wellbeing.

● The main area(s) of activities

- Personalized supplementation

● The specialization(s)

- Customized nutrition
- Customized dietetics



www.healthier-app.com

FOUNDED 2017
COUNTRY Greece
CONTACT Nikos Vasilakis

Co-Founder, Business Development

nvasilakis@healthier-app.com

Solution Description

Healthier is a smart, complete, mobile, personal assistant for health management.

People with chronic diseases are now empowered to take their health into their own hands, through an application tailor-made to their needs. Healthier provides them with the necessary tools and information, including nutrition and prevention tips, medication/symptoms/ chronic disease management, health records, daily health measurements, fitness tracking, Healthier Score, personalized nutrition plans, etc.

Healthier acts as a one-stop-platform helping users efficiently manage their health and well-being. Collecting data on different health aspects (health condition, adherence, fitness/ nutrition) enables us to introduce an innovative holistic approach and offer services of higher value; we provide users with more situation-specific information, meaningful and actionable insights, or alerts when needed. We offer a proper diet plan, thanks to a nutritionist-as-a-service approach, that taps into the gathering and analysis of distinct health-related data.

Our solution promotes healthy living as it actively supports its users to adopt a healthier lifestyle. Healthier increases users' awareness of both good habits in general and also their own progress. It encourages behavioral changes through a step-by-step tailor-made process and empowers them with the appropriate health management tools. Personalized nutrition programs play an instrumental role in this direction, as they will be provided by our collaborating nutritionists as an advanced service having considered all the available data (particular sessions, monitoring and adapted plans). Similarly for the all-encompassing Healthier Score. Thus, Healthier contributes to the empowerment of patients with chronic diseases (mainly the group of diabetes, metabolic syndrome, COPD,CVD) by allowing them to adopt a proper nutrition, manage their health actively, be more informed and monitor interrelated aspects and conditions of their health.

Healthier will have a positive impact in tackling major challenges related to well-being and ageing well. Preventive exams and healthy habits, personalized nutrition, management of chronic diseases and increased adherence will lead to less health problems and, as a result, to higher quality of life with fewer disease-related complications. Our solution has the potential to contribute to the disruption and change of the existing model of healthcare industry from sick care to well care; making individuals more aware and proactive about their health and doctors more informed and able to intervene in due course when they deem appropriate. It can also be a catalyst for evaluating medicine performance and advanced insurance services while reducing healthcare costs.

● The main area(s) of activities

- Mobile, digital health

● The specialization(s)

- Web and Android development



www.vidavo.eu

FOUNDED 2005
COUNTRY Greece
CONTACT Irene Patsioura

Economist, Project Manager

networking@vidavo.eu

VIDEO

Solution Description

Our proposed solution VidaMe is a “smart” wellness app for empowered consumers, enabling behavioral change to healthy lifestyle. VidaMe isn’t a simple wellness app is a smart biotechnological tool. Is scientifically proven, large scale tested health companion (holistic / individualized) which merges the following:

- Personalized information combined with vital signs measurements from certified medical devices
- Motivation and coaching tools based on setting goal theory
- Remote health monitoring and alerting system with the use of a preventive analytics.
- Connectivity with portable and wearable devices and cloud platform

VidaMe creates a unique and totally personalized mobile health & wellness experience for the healthcare consumers.

VidaMe is available as an app (smartphone, tablet) or as a smart wearable (smartwatch) accompanied by a range of advanced monitoring connected devices, both uploading collected information on a cloud database. VidaMe is also an IoT application which monitors the health and well-being of citizens and connects with a wide variety of smart sensors for measuring the vital data. It synchronizes the collected data to the cloud and the end user receives an alert or consultation depending on predictive analytics and patterns.

VidaMe enables the consumer to register and manage various health and general wellbeing related parameters, via structured questionnaires based on goal setting theory, regarding nutrition, physical exercise, monitoring vital data and health indicators, personal health record etc.

● The main area(s) of activities

- VIDAVO operates in the field of ehealth / mhealth for fifteen years, linking citizens and healthcare providers over its intelligent monitoring and care management platform Vida24@.
- Vida24@ is a modular mhealth suite, trusted by thousands of users across Europe. It is the tool for healthcare providers to build their digital presence. The system includes a bouquet of mobile health modules, ranging from chronic disease management, nutrition and activity online coaching, to doctor on demand, telepsychiatry, health assessment tools and more. The Vida24@ customizable app synchs multi source data to the Vida24@ cloud platform offering an end-to-end solution than can also bridge to any EMR system.

● The specialization(s)

- The company’s persistence and consistence in the yet unexplored but very promising, market of e-health resulted to the international recognition of the company’s expertise and the listing of its stock shares on the Alternative Market of the Athens Exchange Stock Market. During its fifteen years presence in the field of ehealth, the team has received three patents for its innovative products, and several distinctions and awards. Recent ones include the Gold healthcare business award for its individualized integrated care solution Vida24@, and the Silver Mobile Excellence award for its nutrition coaching product Vidame.
- In short, VIDAVO offers: Innovative solutions, Novel e/mhealth services, proven methodology for commercial solutions



www.wecook.fr

FOUNDED 2013
COUNTRY France
CONTACT Petreus Dumitru

President

yannick@wecook.fr

Solution Description

WeCook WeCare offers an ultra-personalized and medicalized on-line menu (from break-fast to diner, through collations) and shopping list based on criteria such as: age, weight, height, physical activity, sex, allergies and pathology.

We data-modelised every pathology and allergies in order to determine the nutritional needs for each.

Then, specific algorithms select the right cooking recipes that fit with the profile and the needs of the customer, and then organize them into meal planning. This meal planning respect the guidelines given by the French government and his PNNS. It also respect the guideline given by different professional organization.

WeCook We Care is the most personalized solution actually at the customer's disposal: they can choose the structure of their day and their meals. Should they prefer eating every meal or just lunch and diner, structuring their meal with starter, main and dessert or just main + dessert !

● The main area(s) of activities

- Nutrition
- Personalized nutrition

● The specialization(s)

- Diabete
- Obesity
- Ibs
- Cardio
- Cholesterol



www.wello.ai

FOUNDED 2017

COUNTRY Romania

CONTACT Yannick Taes

Co Founder

hello@wello.ai

Solution Description

Wello is the only artificial intelligence platform in nutrition for overweight children, who can change the way families understand and relate to their health.

● The main area(s) of activities

- Nutrition
- Personalized nutrition

● The specialization(s)

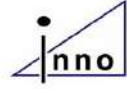
- Educational and nutrition software



Queen Mary
University of London



UNIVERSITY OF AMSTERDAM



info@ehealth-hub.eu
www.ehealth-hub.eu



designed by APRE

