

Hygea

Salud y Nutrición

Hygea Salud y Nutrición is a spin off from the University of Granada which works in the research of Medical Nutrition Therapy and new Technologies applied to Personalized Nutrition.

Our team is formed by nutritionists, pharmacists, chemists, computer experts, artificial intelligence experts, designers, etc.

What we do?

Hygea develops the future of personalized nutrition. We create expert systems which are able to generate self-made personalized Nutritional Interventions (diets), individually using their anthropometric information, objectives and preferences.

In addition, our systems can recommend products, drugs or nutritional supplements in our diets or personalize them to include specific brand products.

From this technology, we have developed a range of products in order to reach different goals: weight loss, sport and clinical nutrition for patients with specific diseases, for example cancer, etc.



Awards and recognitions

- Innova eVIA Prize finalist for most innovative Spanish company in the field of e-health.
- Beneficiary company of a NEOTEC line project from CDTI (Center to Technological and Industrial Development, dependent on Spain Government)
- Selected company by "ENISA Jóvenes Emprendedores" initiative.
Recognized as one of the 80 best companies of Europe by FICHe project (Future Internet Challenge E-health), dependent on FIWARE programme, co-financed by EU framework Programme for Research and Technological Development.

Technology

Hygea has developed a nutritional inference engine to emulate a nutritional expert using the most advanced technologies in the field of software and artificial intelligence. The result is the ability to offer personalized diets for thousands of people at the same time, in a few seconds.

In addition, we have developed a huge database of menus from different countries and culinary cultures. These menus are nutritionally evaluated by a nutritionist team to be able to offer to each user what they need.

The whole system operates in a scalable way, using cloud computing and working on any device with internet connection without needing to install any software. This system can be built in other applications through our APIs.



Products



Vitadieta is designed for professionals who make diets for others (nutritionists, doctors, pharmacists, trainers, etc.) It creates a diet in just five seconds using the weight, height, age, gender and physical activity of each user.

Vitadieta offers recommendations, but allows professionals to personalize (if they want) every diet parameter (total energy, energy distribution, etc).

One meal can be changed for another with the same nutritional value with only a click, in case the user doesn't like the first option.

Vitadieta offers all recipes and it's how to's and it can also recommend specific brand products and supplements.



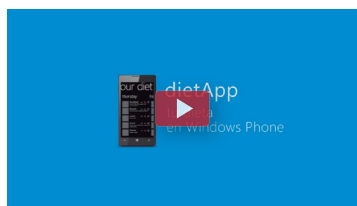
<https://www.youtube.com/watch?v=YjYTDAYUBD4>



<https://www.youtube.com/watch?v=oG5G4jksdWM>

dietApp *(forthcoming, product launch in March 2015).*

It is an App for smartphones and tablets, designed for the final user. This App generates a personalized diet in a mobile phone in just a couple of seconds.



<https://www.youtube.com/watch?v=JOLWhS1EeKc>

VitaGym *(forthcoming, product launch in March 2015).*

It is an App for smartphones and tablets, designed for sporty people. VitaGym App allows to obtain a personalized diet for muscle gain, muscle definition or sport endurance. It can also recommend pre-training and post-training supplements or intakes.

OncoDietapp *(forthcoming, product launch in April 2015).*

It is an App for smartphones and tablets, designed for oncology patients or their relatives, to obtain in just a couple of seconds a personalized diet using their physical characteristics, type of medical treatment (radiotherapy, chemotherapy...) and tumour development.

OncoDieta *(forthcoming, product launch on May 2015).*

It is designed for health professionals (doctors, nurses, etc.) who work with oncology patients. Oncodieta generates just in a few seconds a personalized diet using the patient's physical characteristics, type of treatment and tumour development phase, using it without the need of a nutritional expert. In addition, it can automatically recommend supplements, drugs or other products.



Who we are?



**Eduardo
Agudo**

CEO
Pharmacy graduate,
Nutrition & dietetic
certified.



**Pablo
Caballero**

Dtor. Business & Marketing
MBA.



**Miguel A.
López**

Scientific dtor.
Technic Engineer &
Computer Engineer.



**Sergio
Álvarez**

Technic dtor.
Technic Engineer in
Computer Management.



Ari Martínez
Design & Marketing



Alejandro Merlo
Computer Engineer



Rocio Fonseca
Oncologist



Laura Moreno
Nutrigenomics



Sergio Ortiz
Sport Nutricionist



Mireia Serrano
Nutricionist



Estefanía Prados
Nutricionist



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