Adnan El Bakri's vision
of the 21st century medicine
breaking through with *PassCare*

Dr Adnan El Bakri, 31 is a urology surgeon and searcher in Big Data and Artificial Intelligence. Born in Lebanon, he arrived in France at 17 with a Lebanese level A and didn't even speak French. Highly motivated to become a doctor and master the language, he achieved these goals and even became a French citizen in 2016 to merit.

His recent predictive metastasis algorithm development was awarded as part of a research project on Big Data Spectral applied to kidney cancer, carried out at the Centre National de la Recherche Scientifique, in Paris.

Through his hospital practice, Adnan El Bakri quickly realized that the whole system was organized in silos with limited connection between health professionals and redundancy of medical examinations.

Based on these realizations, Adnan El Bakri created InnovHealth in 2016, put a team together and developed an international health platform called *PassCare* to **improve care coordination, patients follow up and reduce costs** by improving the sharing of information between the various stakeholders working with the patient, locally or wherever they are in the world.

This innovation is using new technologies allowing the **secure recording of data from all stakeholders of the health system worldwide** (asymmetrical cryptography model). It's also the foundation of long-time expected and now emerging preventive and predictive medicine.

Proof of concept being established, the Platform is deployed on a regional scale in France. InnovHealth is now considering other country's opportunities to demonstrate its worldwide dimension, its unique offer to better support patients, improve the whole heathcare system and build-up the 21st century preventive and predictive medicine.

The Emirate of Dubai which has a long tradition for healthcare excellence, state-of-the-art breakthroughs, a unique vision for the Future, would be an unparalleled partnership opportunity for InnovHealth to locally deploy, support *PassCare* and share its knowledge.

What is Pass*Care* ?

Pass*Care* is a card connected to a highly secure server certified by the French Health Ministry. It allows to recoup, classify and access personal health data easily anywhere in the world. Thanks to our patented "Heart Code", the patients are given a personal digital footprint and a unique public key. This is the first digital platform that belongs to them. Placing patients at the center of their own health.

Why Pass*Care* is the future?

- Enabling patients from all over the world to manage their own health as well as their children's;
- Translated into several languages, our technology allows **frequent travelers** to carry their medical data wherever they are. A **doctor, hospital or pharmacy abroad** can securely access their platform to consult them if necessary and thus **minimizing costs, optimizing diagnosis**;
- Their emergency profile can be accessed by scanning the "Heart Code" on the card or using your public key, containing essential information to be used in case of an emergency;
- Connecting all medical professionals around them, for a more efficient follow-up (including dentists, pharmacists, physiotherapists, etc.);
- Sharing their files on a secured cloud for a faster and more cost-effective support;
- Connecting all their health-related data to avoid the redundancy of medical examinations and blood tests;
- Without geographical limits, the application can be accessed online: no need to download or install an app on any device;
- This unique platform is even proactive and generates graphs, alerts and reminders (example: screening appointments, etc.)

Pass*Care* offers many **benefits** including assisting the citizen, from birth onwards, throughout his care journey both upstream and downstream of the medical consultation. The service provided by this tool also gives the opportunity for everyone to take care of their well-being in a preventive mode.

PassCare:
From curative to preventive and predictive medicine… To a Patient Care 3.0

Beyond *PassCare* current benefits, the use of **Blockchain, Deep Learning, Big Data and Artificial Intelligence** technologies also opens the path to the 5Ps of the 21st century medicine: Preventive, Personalized, Participatory, Predictive and Precision ones.
Our universal health passport will facilitate medical research and accelerate breakthroughs in health sectors, mainly in the preventive and predictive fields thanks to all worldwide patients who wish to participate in the program and share collected data.
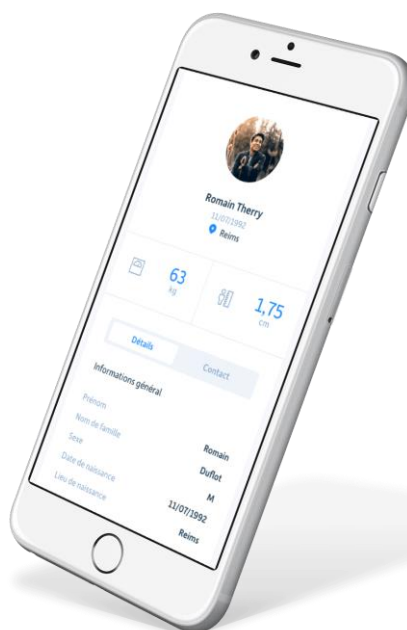
Available online

The platform is operational and patients can register, receive a healthcare passport and get many benefits including:

- A unique and personal "Heart Code" ID on the card
- Independent management of medical information
- Sections organized in a friendly interface
- Features for monitoring and overall care of their health

PassCare:
An organizational, societal and international breakthrough French innovation

InnovHealth's next step is to share its innovations and deploy its universal and interoperable international healthcare passport. It has been selected by CTA to represent its "made in France" technology at the recent CES 2018, in Las Vegas (USA) generating a significant market response. By setting up regional subsidiaries in highly strategic parts of the world, InnovHealth will provide follow-up, support and knowledge transfer in line with its plans and values.