



Press release

AiiNTENSE will present at the CES in Las Vegas its prototype of cognitive assistant for the intensive care units.

This tool brings increased intelligence to the ICU team promising firstly an improvement in the quality of medical decisions and, in the future, precise and personalized ICU.

AiiNTENSE is one of the 10 startups selected for the [IMT/Bercy Innovation Prize](#) to participate from January 7 to 10, 2020 at the CES in Las Vegas, the world's leading innovation event. AiiNTENSE will therefore be present on **booth # 50059** to present the first version of its cognitive assistant prototype for the ICU services.

Technology at the service of intensive care physicians and medical research

The aim of resuscitation is to care for patients in critical situations so that they can survive and live in the best possible conditions. However, it faces many challenges, clinical (mainly neurological due to an aging population with an over-incidence of neurodegenerative or cerebrovascular diseases), ethical and economic.

Collecting, validating and sharing information is crucial to increasing knowledge, optimizing practices and reducing costs.

The main stake is the quality of the data used, which AiiNTENSE guarantees thanks to a process integrating on one hand the structuring of relevant data for a precision resuscitation and on the other hand the continuous validation of these data and the resulting algorithms by a collaborative tele-expertise structure.

The presented prototype gathers in a single interface the relevant clinical data to allow the ICU physician to make a diagnosis, a prognosis and to decide on therapeutic and ethical acts for his

patient. This prototype was developed for a representative pathology, that of coma after cardiac arrest, which concerns 150,000 patients in Europe every year.

A collaborative approach

The AiiNTENSE project is ambitious and requires a multiple collaboration with :

- Hospitals to participate in the deployment of the pilot following the prototype.
- Technology developers (interoperability, machine learning, cryptography, etc.).
- Medical research teams
- Manufacturers of medical devices and health software...

The presence at the CES in Las Vegas is an opportunity to establish these contacts with these different types of potential partners, but also with the appropriate investors.

About AiiNTENSE:

AiiNTENSE, a start-up created in the Paris region in September 2018 and co-incubated by Genopole® and IMT Starter, develops technological and medical solutions for cognitive assistance for intensive care units in hospitals and clinics in order to improve the medical, economic and ethical care of patients.

www.aiintense.eu

About the founders of AiiNTENSE:

The team of founders is made up of very complementary profiles:

- Daniel DUHAUTBOUT (CEO), 60 years old, is an ex-IBM, serial entrepreneur, specialist in business development in innovation.
- Philippe Deconinck, 50 years old, is a computer engineer, data intelligence expert, serial entrepreneur.
- Prof. Tarek SHARSHAR, 55 years old, head of the intensive care unit at the Hôpital Sainte-Anne at the GHU Paris is an expert in neuro-intensive care. He is surrounded by two young intensive care physicians, Dr Aurélien MAZERAUD and Pierre WEILL-RAYNAL, as well as Dr Pierre ROCHETEAU (Dr in Biology, entrepreneur and expert in hospital efficiency).

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