



Press release  
Lyon, 7 April 2020  
**COVID-19**

## PROVEN CRISIS MANAGEMENT SOLUTION

MAX by MEDAE, the cognitive aid application used in medical environments can also be a significant help for health professionals fighting COVID-19.

**The idea: to put the MAX digital application at the service of healthcare professionals facing the health crisis by creating Covid-19 procedures on smartphones and tablets which are immediately operational.**

## AN EXPERT AND OPERATIONAL TOOL

Developed and edited by MEDAE, a Lyon-based startup, the MAX application facilitates the management of crisis situations by ensuring the correct application of procedures in real time. Scientifically validated, MAX greatly reduces the risk of errors at a time when nearly 100% of accidents are due to a human error.

The application is also a training tool in health simulations to develop medical and non-medical staff throughout the year (the MAX application is used by the SDMIS firefighters of the Rhône region and the Lyon metropolitan area).

## MAX COVID-19 PROFESSIONAL PROCEDURES ARE DEPLOYED AT THE CHU DE DIJON

The MAX application now forms part of the training sessions at the Simulation Centre (USEEM) run by the University Hospital of Dijon Bourgogne and the University, in close partnership with the "Emergency Care Teaching Centre" (CESU 21), which is adapting and strengthening its actions to take care of patients infected with Covid-19.

Along with video tutorials and other standard protocols, the MAX application provides professional procedures such as: [patient transfer](#), [anaesthetics](#) and [intensive care of the infected patient](#), and [the intricacies of diagnosis such as "am I sick, or is someone sick close to me? »](#).

**Doctor Sébastien Mirek**, anaesthetist and intensive care specialist at Dijon Burgundy University Hospital, and trainer in health simulation, explains: *"You are not alone: this is our message to health professionals. These tools are important to protect them, to help them apply the right procedures and manage all communications between caregivers"*. He confirms the innovative aspect of the application: *"Offline MAX allows us to work on the human factors and to improve our procedures in real time using cognitive aids which are scientifically validated on a scientific level"*.

## A COGNITIVE FIELD-ORIENTED AID THAT AVOIDS HUMAN ERRORS

MAX was born in Lyon at the professional practice of **Jean-Christophe Cejka, anaesthetist-intensive care specialist** at the Hospices Civils de Lyon (HCL), who uses the e-application in the operating theatre.

**Guillaume Berlier, anaesthetist nurse** at the Centre Hospitalier Pierre Oudot in Bourgoin-Jallieu, testifies to the usefulness of this e-health tool: "*Thanks to MAX, we have avoided a dressing error which was due to a defective apron and an omission of curatisation ? by NDC (Non Depolarising Curars) of a Covid-19 patient during emergency surgery*".



« *Our strength is to offer customizable professional cognitive aids. This allows us to be reactive to help caregivers in real time in the management of Covid-19. Crisis management tools such as MAX are operational levers that will be widely used in the coming years to increase reactivity* ».

Jean-Christophe Cejka, CEO MAX by MEDAE, Anaesthetist-intensive care specialist at the Hospices Civils de Lyon (HCL), trainer in medical simulation and combat rescue.



MAX by MEDAE is supported by Pulsalys, an incubator of Deep Tech players in Lyon and Saint-Etienne.

**PULSALYS**

### Practical information

30 day free trial

MAX procedures are now available on Apple Ios and shortly on an Android version.

To download the MAX application: [www.medae.co](http://www.medae.co)

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