



Press release

Clermont-Ferrand University Hospital Center – SurgAR – Medexprim partnership:
Augmented reality for laparoscopic surgery

Clermont-Ferrand, January 28, 2021

CHU de Clermont-Ferrand (University Hospital Center), SurgAR and Medexprim, are proud to announce their three-year strategic partnership to accelerate the development of SurgAR's augmented reality software, dedicated to laparoscopic surgery.

CHU de Clermont-Ferrand, an establishment, which has been ranked in the top 20 French hospitals for 9 years, offers a public offering around care, education, research, prevention and training of health professionals. The center brings together 7,000 agents serving patients and accommodates 662 interns and 853 students. Its regalian missions are care, teaching and research, in addition to prevention and participation in the training of medical professionals, maieutics professionals and also paramedical professionals.

SurgAR, founded by Professors Adrien Bartoli and Nicolas Bourdel, gynecological surgeon at CHU de Clermont-Ferrand, has developed an augmented reality software suite that allows for the superimposition of virtual information (derived from preoperative radiological imaging data) to real-time surgical view. The result of fruitful cooperation between CHU de Clermont-Ferrand and Université Clermont-Auvergne, this breakthrough is the result of 11 years of research and expertise. Placing the patient and his well-being at the heart of his approach, this technology intelligently guides the surgeon and thus increases the precision of his gestures. It is therefore a guarantee of quality and safety, aimed at reducing complication rates, intervention times, and hospitalizations.

Medexprim is an accelerator of hospital clinical research and a tool for leveraging data from its partner hospitals. A trusted technical and legal partner to biopharmaceutical companies and hospitals, Medexprim aggregates imaging and clinical data into a homogeneous and qualitative whole, in compliance with ethics and regulations, and provides hospitals with clinical data warehouses.

This partnership, a first in French university hospitals, will allow the creation of a unique database of surgical videos applied to machine learning.

SurgAR and Medexprim aim to work together with a network of European hospitals, whether they are existing partners of Medexprim or SurgAR. This partnership is a further step in the development of innovative solutions from Medexprim and SurgAR in the service of research and the well-being of patients. Over the next three years, the solution will be deployed at 12 sites in France and in Europe.

About Clermont-Ferrand University Hospital Center:

Clermont-Ferrand University Hospital has a total capacity of 1,920 beds with 38 surgical rooms spread over 3 sites, 15 centers and 73 departments. The CHU ensures with excellence, quality and commitment, its public service missions: education, research and innovation.

Website: www.chu-clermontferrand.fr

About SurgAR:

SurgAR (Surgical Augmented Reality) is a Clermont-Ferrand-based startup whose objective is the development and commercialization of augmented reality software for laparoscopic surgery. SurgAR is a breakthrough innovation that is revolutionizing current surgical practices and brings the operating theater into the next phase of the digital era of augmented reality by integrating computer vision, artificial intelligence and deep learning technologies.

Website: www.surgar-surgery.com

LinkedIn: [linkedin.com/company/surgar](https://www.linkedin.com/company/surgar)

About Medexprim:

Medexprim, founded in 2015 and based in Toulouse, Paris, London and Boston, is the European leader in imaging data and clinical data extraction to accelerate clinical research. With R-WiDE Strategy (From Real-World Imaging Data to Evidence), Medexprim wants to address clinical trial efficiency for Biopharma by delivering synthetic patients thanks to its network of European Hospitals and its best-in-class international partners.

Website: www.medexprim.com

LinkedIn: [linkedin.com/company/medexprim](https://www.linkedin.com/company/medexprim)

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