

# Ilumens



Antoine Tesnière - Director

**iLumens is a multidisciplinary University Medical Laboratory for Digital Teaching in Health, iLumens targets initial, specialized and continuing medical and paramedical training.**

Shared Service of the COMUE USPC, iLumens is deployed on three Health Simulation Platforms supported by the Université Paris Descartes. Headed since its creation by Prof. Antoine Tesnière, iLumens offers a global

training program for medical students from Paris Descartes, Paris Diderot and Paris Nord. A non-profit university structure, the economic model of this service also makes it possible to target the specialized and continuous training of all health[1] professionals (medical and paramedical).

Specializing in innovative health education through digital technologies and simulation, iLumens is France's leading center of expertise in health simulation and for the development of virtual environments related to health practice. This activity is internationally recognized. Thanks to its organizational know-how in the planning, designing and operating of simulation centers, iLumens provides its students with the best specialists to support them.

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## **iLumens' work is guided by 3 objectives:**

- The development of innovative training for health professionals,
- Participation in improving the quality and safety of care,

- The development of research programs around health learning and practice.

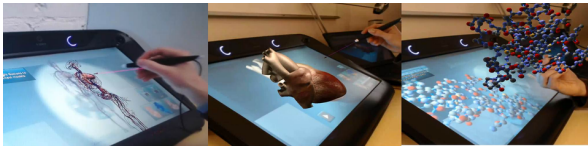
## Healthy Simulation



Health simulation is an active pedagogical method that involves the use of virtual reality or a the virtual reality equipment of a "standardized" patient (mannequin, procedural simulator) to replicate care situations or environments in extremely real-life conditions, to teach diagnostic

and therapeutic procedures, and to allow for the repetition of processes, clinical situations or decision-making by a health professional or a team of professionals.

## Research in simulation and pedagogy



In keeping with its research, iLumens is also a dynamic cell of experimental research and development for the study of new

digital tools, cognitive behaviors and the impact of new learning environments, the scope of which is undeniable, either within medical and paramedical teams or in the management of patients and their loved ones.

To date, iLumens trains more than 8,000 students and health professionals per year at its three sites, and conducts numerous health research projects. Thanks to its development strategy and the many partnerships with innovative start-ups and large industrial groups, iLumens is now attracting entrepreneurial ecosystems. The lab's team experience and reference skills in the world of health simulation allow it to export its know-how outside the university framework through numerous international collaborations.

## Support

The iLumens team supports professionals who wish to develop health simulations in:

- helping identify the material and human needs of a simulation center;
- assisting in the identification of training missions for a simulation center;
- providing administrative and financial advice;
- providing technical advice;
- architectural consulting;
- assisting in writing clinical cases using education trends and guidelines;
- providing a reference expert in each speciality;
- developing courses and simulation programs.

>> Reduce

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## Links

→ [iLumens](#)