

CLINICAL SIMULATOR CADAVERIC

DESCRIPTION OF THE INVENTION

This invention relates to a method of obtaining a new clinical simulator that can be used to simulate different pathologies, low cost and durable in time, able to simulate an actual live human and allow testing various techniques simultaneously. This clinical simulator comprising:

- (i) A body infusion of a composition (pseudoblood) containing a surfactant, a first antiseptic, a binder, a thickener, a colorant and water. It is incorporated also including a peristaltic pump.
- (ii) The implant on the body of at least one tag configured to

communicate and transmit radio frequency clinical information contained therein to a device.

- (iii) A reader configured to communicate by radio with the label and show clinical label information visually, or configured to communicate by radio with the tag and transmit the information to be displayed visually on another device reader.
- (iv) Finally, the invention relates to the use of clinical training simulator, for medical training, learning or evaluation.

BUSINESS FIELDS OF APPLICATION

Sector of Medical Training Professionals in Hospitals and Universities

TECHNICAL AND BUSINESS ADVANTAGES

The use of the cadavers, according to the invention, with vascular circulation prevents the slaughter of animals and offers more opportunities for learning these techniques for more people

The possibility that the cadaver of the invention may be physically explored by students, allowing cardio respiratory auscultation, palpation, examination by real ultrasonography and real-time scanning with conventional radiographic techniques, TAC and RMN, in all regions, is a resource optimization incorporating a factor of reality that will encourage a change in attitude by the student.

The use in teaching would be a clear economic savings with respect to the use of other types of simulators, with clear advantages over its services and facilities replacement, as evidenced by the fact that it can be easily programmed by teachers, depending on those aspects that at a time of learning are more interested highlight in practice, and also can be reprogrammed to perform other functions.

DEVELOPMENT STAGE OF THE TECHNOLOGY

It has been developed at the laboratory stage and there is a prototype that requires further development to facilitate marketing.

INDUSTRIAL PROPERTY RIGHTS

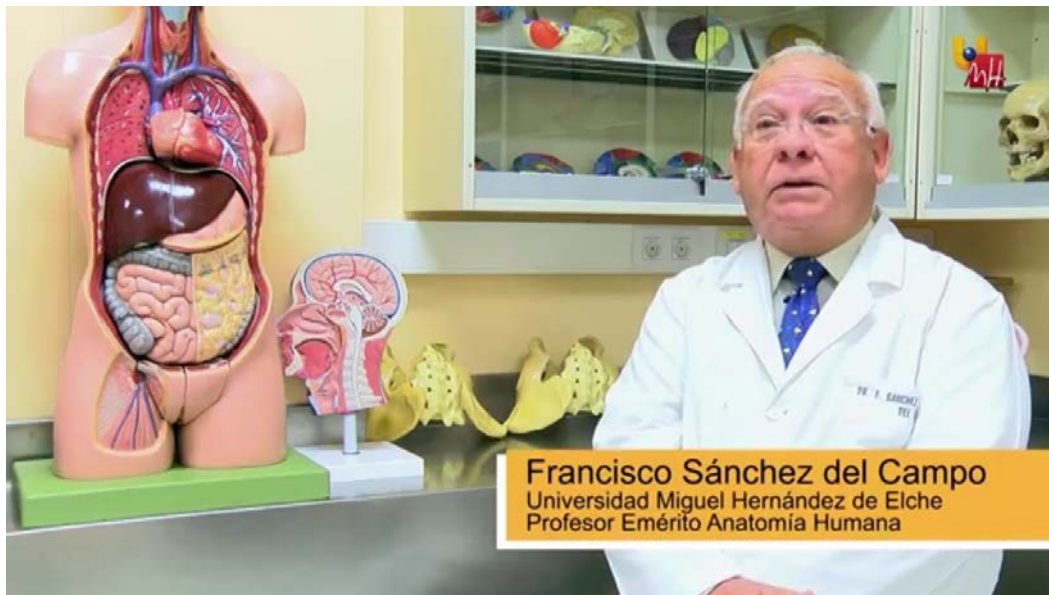
Patent protection in Spain. The Universidad Miguel Hernández de Elche owns 75% of patent rights. The remaining 25% is held by the University of Murcia.

The international extension protection is possible until September, second.

TYPE OF COLLABORATION SEEKED

License Agreement with companies willing to manufacture and commercialize the technology.

RELATED PICTURES



CONTACT DETAILS

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