

CarnaLifeHolo

Backgrounder

Mixed reality used in modern healthcare

CarnaLife Holo is a breakthrough 3D imaging technology, supporting the precision, comfort and safety of medical procedures. With the software and Microsoft HoloLens 2 goggles, the doctor sees in real space a three-dimensional hologram of the patient's anatomy. The user can interact with the displayed hologram using gestures and voice commands: rotate it, scale it, move it around, or even look inside the anatomical structures, without compromising sterility or having to work with an additional technician. The goggles provide an auxiliary interactive screen to be used during procedure planning as well as anywhere in the operating theater at any time during the procedure. **CarnaLife Holo**:

1. Efficient planning and preparation for surgery time data.
2. Reduction in treatment time.
3. Easier access to image.

Our 3D medical data visualization solution for surgical interventions, CarnaLife Holo, is already being used successfully in cardiology, interventional cardiology, orthopedics, otorhinolaryngology, as well as oncology and vascular surgery. The technology is present in 18 medical centers in Poland and worldwide, and has been used in nearly 100 medical procedures of various specialties.

Key benefits

1. Preoperative diagnostics

- Accurate three-dimensional visualization of examinations performed before surgery.
- Natural perception of anatomical structures.
- Facilitated procedure planning and preparation for both physician and patient.
- Measurement and visualization in holographic.

2. Intraoperative support

- Adjustable location of the hologram display.
- Full sterility when interacting with holograms.
- Access to tests as holograms throughout the operation.
- Visualization of medical instruments in real-time with a GE Vivid E95 echocardiograph (for echocardiography).

OFFICE IN KRAKOW

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CarnaLife Holo is a module of the analytical telemedicine system CarnaLife, which is certified as a medical device supporting diagnostics, class IIb, by TÜV NORD Polska Sp. z o.o., a notified body authorized by the Ministry of Health. We also have a NATO Commercial and Government Entity Code (NCAGE).

More details about CarnaLife Holo at: www.MedApp.pl
Please do not hesitate to contact us!

Contact for media

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MedApp is a NewConnect-listed technology company whose innovations are revolutionizing the way patients are diagnosed and treated. The company offers unique software solutions to support diagnostic imaging and next-generation digital medicine services. The key products offered by our company are: CarnaLife Holo, HoloComm, CarnaLife System and Digital Clinic. MedApp has partnered with international technology and medical leaders such as Microsoft, GE Healthcare and Johnson & Johnson to provide our clients with secure Big Data collection, analysis and visualization. More information about the company and the innovations we are developing is available at www.medapp.pl or LinkedIn.

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