

Kraków, January 17, 2022.

Mitral valve sealing with MitraClip and CarnaLife Holo

On November 18, 2021, a mitral valve seal surgery using MitraClip (without opening the chest) and CarnaLife Holo took place. The procedure was performed at the University Clinical Hospital in Opole, by a team led by dr. hab. n. med. Jerzy Sacha.

Three-dimensional visualization of imaging diagnostic data of the heart was used in planning and throughout the procedure. As the sterility of the room was not compromised, physicians were able to use the CarnaLife Holo technology unobstructed throughout the procedure and observe the injection sites closely.

“With the unique CarnaLife Holo technology, developed by the Polish company MedApp, we obtained holographic images of the inside of the heart, which were used during the MitraClip valve repair procedure without opening the chest,” explains cardiologist dr. hab. med. Jerzy Sacha and adds: “I can say that the technology of 3D visualization of diagnostic data is the future. We should all give it a try and invest in holography experience.

The surgery was conducted by a team consisting of:

dr hab. n. med. Jerzy Sacha

Dr Krzysztof Krawczyk (cardiologist)

Dr Jaroslaw Bugajski (cardiologist)

Mateusz Stanisiz (anesthesiologist)

Monika Świdarska (assistant)

Małgorzata Werner (assistant)

Danuta Radiszewska (anesthesiology nurse)

Filip Zuczek (x-ray technician).

Technological assistance was provided by Jakub Kasprzak and Kacper Pabianek from MedApp, Tomasz Ogonowski from GE and Szymon Dziedzic (Abbott).

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MedApp is a technology company listed on NewConnect whose innovations revolutionize the way that patients are diagnosed and treated both in Poland and in foreign markets. The company offers unique software solutions to support diagnostic imaging and next-generation digital medicine services. The key products offered by the company are: CarnaLife Holo, HoloComm, CarnaLife System and Digital Clinic. MedApp liaises with international technology and medical leaders such as Google, Microsoft, GE Healthcare and Johnson & Johnson, providing its clients with secure collection, analysis and visualization of large quantities of data. More information about the company and the innovations it develops is available at: www.medapp.pl and [LinkedIn](#).

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