



HYGEIA GROUP

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## PRESS RELEASE

### ROBOTIC CARDIOSURGERY: First mitral valve operations in Greece with Da Vinci S

HYGEIA builds up a leading position as a Cardiosurgical Centre as it has recently performed three successful mitral valve repair operations using the Da Vinci Robotic Surgery system for the first time in Greece.

As the **cardiosurgeon Mr. Aristoteles Panos**, head of the surgical team\*, stated "With this surgical method we have managed to keep the patient's mitral valve and repair it by opening very small (1-cm) holes, and therefore we avoided the painful sternum incision of the median sternotomy. This robotic technology opens new horizons in mitral valve repair procedures and helps us keep the patient's valve and not replace it with artificial valves."

By handling the robot through an operating console and its arms, the cardiosurgeon is able to view 3D images of the patient's heart interior on a special display and to move with the utmost precision the microscopic tools located within the patient's heart to perform a surgical operation remotely.

Thanks to this method, fewer blood transfusions are required, the patient can go back to work immediately and the aesthetic result is incomparably better than that of a typical median incision.

Mr. Panos added that "this method cannot be carried out on every patient or for every cardiosurgical operation, however this technology keeps on advancing and expanding to other heart diseases. Currently, the robotic cardiosurgery is performed for coronary artery bypass surgery, mitral and tricuspid valvuloplasty and demanding pacemaker and defibrillator implantation procedures."

***\*Dr. Fotios Milas-Vascular Surgeon, Dr. Spyros Kalakonas- Anaesthesiologist and Dr. Eleftherios Chouliaras-Anaesthesiologist***

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