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## DHZB Adopts Masimo's SedLine® Brain Function Monitoring & O3™ Regional Oximetry



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[Masimo](#) has announced that Deutsches Herzzentrum Berlin (DHZB / German Heart Center Berlin) in Berlin, Germany, has adopted Masimo's SedLine® Brain Function Monitoring and O3™ Regional Oximetry technologies to monitor patients in the operating room and intensive care unit.

"Our non-profit hospital performs over 32,000 treatments each year. Easy access to advanced parameters and the data they provide are very important for our patients, many of whom are undergoing especially complex and critical operations," stated Prof. Dr. Hermann Kuppe, Director of the Department of Anesthesiology at DHZB, "Masimo's technology allows us to access multiple parameters quickly and noninvasively from one monitor."

SedLine brain function monitoring provides four channels of electroencephalogram (EEG) to help clinicians better understand the effects of anesthesia on the brain. SedLine monitors the effects of anesthesia and sedation by monitoring electrical activity on both sides of the brain. O3 regional oximetry provides regional oxygen saturation (rSO2) and reference arterial oxygen saturation (SpO2) information, helping clinicians detect regional hypoxemia that pulse oximetry alone can miss.

"The innovative treatment programs at Deutsches Herzzentrum Berlin have helped it to become recognized as one of the world's leading centers for cardiovascular medicine and transplantation. They have doctors, medical students and scientific researchers from around the world apply to visit the hospital as clinical observers every year," stated Joe Kiani, Founder and CEO of Masimo. "We are happy to see them adopt our SedLine and O3 technologies and are impressed by their focus on patient safety."

DHZB is a specialist hospital dedicated to the diagnosis and treatment of cardiovascular and thoracic diseases, the implantation of mechanical circulatory support systems, and heart and lung transplantations. A cooperative partnership with Charité-Universitätsmedizin Berlin, each year the hospital performs more than 6,700 operations, including 2,400 operations using heart-lung machines. DHZB treats more than 7,200 inpatients and 24,000 outpatients annually. The hospital has 194 beds, 71 of which are in intensive care. Since 2002, DHZB has received certification by KTQ, the national quality control board, recognizing the high standard of care DHZB provides. DHZB and its subsidiaries employ 1,300 people, including 190 doctors and almost 500 nurses.

Source & Image Credit: [Masimo](#)

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