



Brandenburg Heart Center in Berlin: Cardiology Congress with a VZ-C3D



A cardiologist uses a WolfVision 3D Visualizer system at the cardiology congress in Berlin.

For many years, WolfVision Visualizer systems have been used worldwide to assist with the training of surgeons. Surgical training often involves demonstrating procedures containing intricate movements and small details, which need to be shown to large audiences. For deman-

ding situations such as these, WolfVision has developed its new 3D system. The unique VZ-C3D stereoscopic Visualizer System from WolfVision allows interactive workshops to be held that enable materials and motion to be vividly displayed on-screen - in this example, just like standing in front

of the operating table.

The new opportunity to display 3-dimensional presentation material has been used by PD Dr. med. Christian Butter, head of the Cardiology Department at the Brandenburg Heart Center, in Berlin. In a three-part training series on interventional treatment of structural

heart disease he invited heart specialists from all over Germany to Berlin, in order to present the latest research findings in this area. In order to demonstrate complex types of treatment, he used the VZ-C3D Visualizer System. "With the WolfVision 3D system we could illustrate the complex ope-



The VZ-C3D delivers impressive stereoscopic 3D images.

rations with total realism. Even tiny details could be made easily accessible to a large audience.” Presen-

ters and participants were very impressed as Dr. Katharina Wassilew, Director of Cardiac Pathology at

the Heart Center in Berlin demonstrated operational procedures on heart valves ‘live’ using the 3D Visualizer. “The stereoscopic depth was amazing. One sees here that 3D cannot be dismissed as a gimmick, and it is really fantastic for this purpose”, said Dr. Butter.

Thanks to the perfect 3D images, and the improved depth perception, procedures for different types of heart disease could be impressively demonstra-

ted and easily explained live to the audience. Due to the special WolfVision light system, hearts and their cavities were perfectly illuminated and displayed without shadows, and the accurate color reproduction revealed the finest nuances of the variations in the tissue. Dipl. Ing. Detlef Jarke, information technology expert at the Immanuel Diakonie, Berlin added enthusiastically: “It is a great technique and ideally suited to this application.”

