



We shot the states of the actual operation with 3D HD camera crossing the shoulder of the operating surgeon and edited them as the Blu-Ray content.

How to use of the minute movement of the hand and the medical equipment can be confirmed by the dynamic image by the 3D HD video picture. The practicing status can be felt and can be used as the content for the education.

**3D World in off-pump CABG**

The 3D high-quality Blu-Ray video of the heart surgery operation which doesn't use cardiopulmonary bypass. 3 minutes, 10 minutes, 30 minutes version. Shooting date: April, 2004 ( With live conversation )

**off-pump CABG to the chronic hemodialysis patient  
Aortic valve replacement with bioprosthetic valve**

The 3D high-quality Blu-Ray video of off-pump CABG for hemodialysis and aortic valve replacement with bioprosthetic valve. 15 minutes Shooting date: July, 2009

**off-pump CABG to the chronic hemodialysis patient**

The 3D high-quality Blu-Ray video of off-pump CABG for hemodialysis. 16 minutes Shooting date: January, 2010

**Mitral valve plasty**

The 3D high-quality Blu-Ray video of mitral valve plasty for severe mitral regurgitation due to infectious. 17 minutes Shooting date: January, 2010

**3D shooting in an identical look with the operating surgeon.**

**Intracardiac repair for Tetralogy of Fallot (The infant heart surgery operation)**

The 3D high-quality Blu-Ray video of Intracardiac repair for Tetralogy of Fallot. 11 minutes Shooting date: August, 2010

**Half-turned truncal switch operation of the great arteries with left ventricular outflow obstruction**

34 minutes Shooting date: March, 2012

**2 HD cameras (L/R) were attached to the operation microscope and 3D shooting was done synchronously fully.**

**3D Ophthalmology operation HD content**

The 3D high-quality Blu-Ray video of a cataract operation, ILM peeling operation and retinal detachment operation. 13 minutes Shooting date: November, 2009

**3D shooting by knife support robot "daVinci"**

**"daVinci" heart surgery operation**

The operating surgeon operates four arms of "daVinci" by the minute work of the hand and disposes. 12 minutes Shooting date: October, 2009

**"daVinci" stomach cancer operation**

Robot-assisted laparoscopic total gastrectomy with distal pancreaticosplenectomy for advanced gastric cancer with esophageal invasion 16 minutes Shooting date: October, 2010

**Minimally Invasive Mitral Valve Repair with the Assistance of 3D Thoracoscopy**

Minimally Invasive Mitral Valve Repair with the Assistance of 3D Thoracoscopy 23 minutes Shooting date: August, 2011

**Minimally Invasive Mitral Valve Repair with the Assistance of "daVinci"**

Minimally Invasive Mitral Valve Repair with the Assistance of daVinci 18 minutes Shooting date: September, 2011

**Robotic Assisted Radical Prostatectomy (RARP): Total Pelvic Preservation**

15 minutes Shooting date: December, 2011

**Stomach cancer total-extirpation operation 3D shooting at the depth of field**

**Total-gastrectomy spleen merger resection to the upper third progress stomach cancer**

24 minutes Shooting date: February, 2012

**The spleen keeping total-gastrectomy to the progress stomach cancer**

25 minutes Shooting date: March, 2012

**Monitoring Environment**

