Cardiovascular Surgery

1. Staffs and Students (April. 2010)

Professor Hirokuni ARAI
Associate Professor
Junior Associate Professor
Assistant Professor Kiyoshi TAMURA, Satoru MAKITA, Naoto MIYAGI, Eiki NAGAOKA
Hospital Staff 2
Graduate Student 0
Research Student 0

2. Purpose of education
Cardiovascular Surgery is a branch of medical science which deals the surgical treatment of the disease of heart and aorta. Main objective of Cardiovascular Surgery in the graduate course is to provide students opportunity to study surgical anatomy, pathophysiology, pharmacology, and advanced treatment. Students are also taught basic research for the surgical treatment.

3. Research Subjects
1) Developing new device in OPCAB surgery and evaluation in clinical use
2) Developing new technique/surgery for ischemic heart disease
3) Developing technique of beating mitral valve surgery
4) Research for artificial heart transplantation

4. Clinical Services
Surgical treatment of the disease of heart and aorta, especially for ischemic and valvular heart disease, and aortic disease are performed. Especially for elderly patients, we offer minimum invasive surgery. We also offer the forefront science and technology to our treatment and surgery.

5. Publications in English

International Presentation