

# IMSグループ イムス葛飾ハートセンター 海外向け医療機関紹介冊子に掲載

2011年に経済産業省の支援を受けて設立された「Medical Excellence JAPAN」(MEJ)の海外向け医療機関紹介冊子に  
当院が循環器・心臓疾患専門病院として掲載されました。

Cardiology/Cardiovascular Care  
IMS Katsushika Heart Center

Exterior View of Our Hospital

**Conditions Treated**  
Cardiovascular Disease (Ischemic Heart Disease, Valvular Disease, Aortic Disease)

**Treatment Methods (Treatment of Cardiac or Aortic Disease in High-Risk Patients Such as the Elderly or Those with Chronic Renal Failure, etc.)**  
The success or failure of cardiovascular surgery has a major effect on a patient's prognosis. At our center, we start with an accurate diagnosis of patients' conditions and symptoms, after which some of Japan's best cardiovascular surgeons perform the most appropriate surgery for such patients.

(1) Ischemic Heart Disease  
Coronary artery bypass grafting (CABG) is conventionally performed under cardiac arrest, with the patient on an artificial heart-lung machine, but this method may not be safe for elderly patients who also have diseases of several other organs. At our center, we avoid using an artificial heart-lung machine to reduce the physical burden on patients and enable them to return to normal life more quickly after surgery, instead performing CABG while the heart is still beating in a procedure called off-pump CABG (OPCABG). We also use several arterial grafts from vessels such as the internal thoracic artery, which maintains a high patency rate long-term, for bypass grafting to ensure complete reconstruction of blood flow. For patients who meet certain conditions, we can also perform minimally invasive direct coronary artery bypass (MIDCAB).

(2) Valvular Disease  
We offer an exceptionally wide range of treatment options, from orthodox artificial valve replacement with mechanical or biological valves to specialist procedures including mitral valvuloplasty for mitral regurgitation, reimplantation for aortic regurgitation with dilation of the aortic root, the Ross procedure using pulmonary autograft for young patients with aortic valve disease, and aortic valve surgery for aortic valve stenosis with porcelain aorta, which is common in elderly patients and those with chronic renal failure. Atrial fibrillation, which frequently occurs in combination with mitral valve disease, can be treated simultaneously by performing the Maze procedure to restore sinus rhythm, without the need for anticoagulant therapy. For patients who meet certain conditions, this surgery can be performed via a small incision (minimally invasive cardiac surgery, MICS).

(3) Aortic Disease  
We perform standard artificial vessel replacement for true and dissecting aneurysms of the aortic root, ascending aorta, aortic arch, thoracic descending aorta, thoracoabdominal aorta, and abdominal aorta, as well as stent grafting (EVAR, TEVAR) to treat aneurysms of the thoracic descending aorta or abdominal aorta.

**Treatment Results**

Cardiovascular Surgery	2009 (18 months from March)	2010	2011
Coronary Artery Bypass	118	212	198
Thoracic Aortic Aneurysm	34	101	78
Valve Replacement/Valvuloplasty	108	134	158
Abdominal Aortic Aneurysm	18	25	25
Stent Grafting (Thoracic/Abdominal)	22	52	61

  

Cardiovascular Medicine	2009 (18 months from March)	2010	2011
CAD	1,337 (23 emergencies)	1,335 (262 emergencies)	1,384 (225 emergencies)
PCI	463 (171 emergencies)	542 (235 emergencies)	576 (220 emergencies)
Atrial fibrillation	41	101	121

**Features of Our Center**  
Our center was established in 2009 as a specialist hospital providing open surgery for adult cardiovascular diseases. Even with a capacity of only 50 beds, our center performs over 500 catheterization procedures and 350-400 cardiac and thoracic aortic surgeries a year, making it one of Japan's leading specialist cardiovascular hospitals. Located in an area with a large elderly population, our center is also famous for accepting difficult cases for cardiac surgery referred from other hospitals, such as dialysis patients and those who require repeated surgery. One of the main reasons for this is our very high doctor-patient ratio, with a staff of 22 top-ranking specialists (11 cardiovascular surgeons, 7 cardiologists, and 4 cardiac anesthesiologists) treating a total of only 50 patients at one time.

**A Message to International Patients from Our Center**  
The increasing number of elderly patients with cardiovascular disease requiring surgical treatment is a worldwide trend. In Japan, where the population is aging faster than any other nation worldwide, cardiovascular surgeons have been dealing with surgery in elderly patients for many years, and have worked hard to improve treatment outcomes. At our center, we are actively accepting such patients for treatment by our expert medical teams, which are composed of cardiovascular surgeons possessing a high level of skills backed up by a wealth of experience. As a private center, we are capable of responding swiftly and flexibly to patients' requests. Some of our doctors have studied in the United States and Canada and our nursing staff includes nurses from China, providing an international atmosphere for medical care. Even if you have been told that surgery is difficult in your home country, please consult us before giving up hope.

**Overview of the Treatment Schedule (Model Case: Off-Pump Coronary Artery Bypass)**  
If you have received a confirmed diagnosis in your home country, in principle you can arrive in Japan the day before surgery as long as you send coronary angiography images in advance. If you require tests to diagnose ischemic heart disease or investigate indications for treatment, you will undergo a CT scan and catheter tests after arriving in Japan for use in reaching a confirmed diagnosis, and will be treated after the appropriate treatment has been determined.

**Arrival in Japan/ Admission to the Hospital**  
If you have already received a confirmed diagnosis, you will be admitted to our center on the evening before your operation. You will undergo preoperative tests including a CT scan, ultrasound scan, and biochemical tests. If you require tests to determine the appropriate treatment, you will have your medical history taken as an outpatient, and provided your kidney function is normal, you will undergo a 64-slice CT scan. If coronary artery stenosis is diagnosed, you will undergo a catheterization test, and a decision on the appropriate treatment will be made the same day. In this case you will therefore need to arrive in Japan at least 2 days before your scheduled date of surgery. If you have the decision on whether or not to undergo treatment until after the test results, a new date for surgery will be scheduled (2-4 weeks later). Depending on the condition of the lesion, it may be decided that percutaneous coronary intervention (PCI) is more appropriate than CABG.

**Next day**  
**Surgery**  
Time depends on the number of vessels that require surgery, but is generally around 3 hours. You will stay in the ICU for 2 days after surgery.

**Discharge from the Hospital**  
After leaving hospital, you will need to undergo examinations and tests several times within the following 2 weeks to check for complications.

**Return to Your Home Country**  
1 week

**Follow-up**  
You should undergo continuous follow-up with a collaborating doctor in your home country. Careful management of underlying conditions such as hypertension, diabetes, or asthma is particularly important.

Dr. Osamu Tagami  
Director

Operating Room

Catheterization Room

Intensive Care Unit (ICU)

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**Established** 2009

**Clinical Departments**  
Cardiovascular Surgery, Cardiovascular Medicine, Anesthesiology

**Payment Methods**  
Cash, Credit Card (JCB, VISA, MasterCard), Debit Card

**Address**  
3-20-1 Inokubi, Katsushika-ku, Tokyo 125-8588  
It is minutes away from Inokubi Station (Keihin-Tohoku Line)  
40 minutes from Tokyo International Airport (Narita Airport) by car  
URL: <http://www.ims-jp.jp/foreigner/>

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Guide for International Patients  
-Offering you a promising new option

Participant-restricted Documentation

【掲載内容】  
循環器・心臓疾患専門病院としての特徴をはじめ、「虚血性心疾患」「心臓弁膜症」「大動脈疾患」について解説。治療実績や治療スケジュールを紹介し、日本での治療の流れを紹介しています。