

## Department of Blood Transfusion Service

**Director** MATSUSHITA, Tadashi (Professor)

### Aiming at opening doors to medical staff in various fields

The department consists of two full-time doctors, one part-time doctor, four clinical technologists, and one resident nurse. Any time we, Department of Blood Transfusion Service, open a door for every medical staff in various fields.

### Scope of Medical Services

Accept transfusion orders and prepare blood for blood transfusions, examination required for transfusion, collection and storage of stem cells required for cell therapy, collection and storage of autologous blood donation of preoperative patients, and other various kinds of consultation for blood transfusion therapy.

### Features

The department provides guidelines for the administration of blood product for preventing severe bleeding during surgery, as well as providing storage for peripheral blood stem cells, mononuclear cells, or blood platelets against clotting abnormality including DIC by consultation or apheresis.

### Undertakings

Promoting proper use of blood products through consultation for blood transfusion therapy, and reducing amount of preparations (especially, fresh frozen plasma and blood platelets). Promoting the conversion of unused blood product, and planning to largely reduce dispose of preparations.

### Advanced Medicine and Research

As part of advanced regenerative medicine, sampling and storage of (peripheral blood or bone marrow origin) stem cells for immune cell therapy and revascularization therapy. In addition, prepare autoserum for self-tissue culture during implant treatment.



## Department of Pathology and Laboratory Medicine

**Director** NAKAMURA, Shigeo (Professor)

### Accurately providing pathological diagnosis indispensable for diagnosing diseases

As a pathological diagnosis center, we provide reliable, safe medical services through an accurate and high-quality pathological diagnosis.

### Medical Care System

The department consists of five full-time doctors and two part-time doctors (including six doctors specialized in Clinical Pathology certified by Japanese Society of Pathology, three doctors specialized in cytodiagnosis certified by Japanese Society of Clinical Cytology), nine medical technologists (including four cytoscreeners), and two administrative staff.

### Scope of Medical Services

The department performs a pathological diagnosis by observing tissues through a microscope during a biopsy, operation, or cytological examination. A pathological diagnosis is indispensable for diagnosis of a disease and provides important information for decision on a treatment policy or prognostic. An autopsy of a patient, who sadly passed away, not only reveals the whole aspect of disease but also affords clues for new developments in medical treatment.

### Strong Fields

The department performs as many as 1,000 intraoperative rapid diagnoses annually. An intraoperative rapid diagnosis is a pathological diagnosis of a sample collected during an operation over a short period of time to provide new information, and to use that information to make a decision on treatment policy.

### Clinical Results

About 14,000 histological assessments, about 12,000 cytological diagnoses, and 24 autopsies were performed last year. We accept a second opinion diagnosis of sample diagnosed in other facilities to provide equal standards of medical care.

### Advanced Medicine and Research

The department diagnoses and researches rare diseases such as hematopoietic tumors including malignant lymphoma.

