

# Hematology & Stem cell Transplantation

## Introduction

The Hematology Division is a part of the Division of Oncology and Hematology. Although all Division staff physicians and residents are involved in clinical and research activities related to chemotherapy for patients with both hematological and non-hematological tumors, the overall system for inpatient care, starting this year, now comprises team management of oncology and hematology, in which a monthly-shifted attending physician is responsible for all inpatient care and the education for residents.

High-dose chemotherapy with autologous hematopoietic stem cell transplantation is regarded as the standard treatment for patients with relapsed malignant lymphoma that responded to prior chemotherapy and for younger patients with multiple myeloma. Stem cell harvesting by apheresis, cell processing and high-dose chemotherapy with autologous stem cell transplantation are also performed by these physicians. More than 100 patients annually with hematological malignancies come to the division for consultation. Clinical studies on hematological malignancies at our division consist of protocols prepared in-house, and participation in the Japan Clinical Oncology Group-Lymphoma Study Group (JCOG-LSG), the

Japan Adult Leukemia Study Group, and industry-supported trials for new agents.

## Routine Activities

Patients with various types of hematological malignancies, including non-Hodgkin's lymphoma, Hodgkin's lymphoma, multiple myeloma, acute leukemia, and chronic leukemia are managed at our division. Increasingly, patients with both hematological and non-hematological tumors receive routine chemotherapy as an outpatient service provided by our division. All patients undergoing aggressive chemotherapy are managed in laminar airflow rooms in the 8th floor ward. Not only the management of patients but also consultation concerning hematological abnormalities are practiced.

There are weekly case conferences on Tuesday afternoons and Thursday evenings at the Division of Oncology/Hematology and a monthly joint conference on malignant lymphoma with pathologists. There are also morning journal clubs on Monday, Thursday and Friday in the Division of Oncology/Hematology.

● K. Itoh ●

Number of patients with hematological malignancies in 2006

Diagnosis	Number
non-Hodgkin's lymphoma	149
Hodgkin's lymphoma	7
Multiple myeloma	11
Acute leukemia	20
Chronic leukemia	6
Others	12
Total	205