

## Pediatric Surgery

**Director** ANDO, Hisami (Professor)

5W

We actively make efforts to treat pediatric surgical diseases

Our department was established as a study group in 1968 and became an independent department recently (1997); currently, it is the only graduate course in the Tokai area.

### Medical Care System

A total of five staff members (one professor, one associate professor, one lecturer, two assistant professors) perform about 400 surgeries (50 are for neonates) a year and have 15 beds to provide medical care to patients. Outpatient days are Monday (Associate Professor Kaneko), Wednesday (Lecturer Ono), and Friday (Professor Ando).

### Target Disease

Biliary atresia, congenital biliary dilatation, congenital esophageal atresia, gastroesophageal reflux disease, congenital intestinal atresia, Hirschsprung's disease, anal atresia, bullous lung disease, tracheal stenosis, neuroblastoma, hepatoblastoma, lymphangioma, inguinal hernia, umbilical hernia, and cryptorchism.

### Strong Fields

In addition to medical care for hepatobiliary diseases such as biliary atresia and congenital biliary dilatation, we actively provide the latest medicine such as partial liver transplantation from living donors and endoscopic surgery. We also treat patients with neonatal surgical disease and pediatric malignancy in cooperation with other departments and have provided medical care to an extensive number of patients.

### Clinical Results

The number of surgeries in 2009 was 370, of which 40 were performed in neonates. The number of surgeries for biliary atresia in the last 10 years is 51; bilirubin reduction rate: 80%. The number of pediatric liver transplantations is 49; the survival rate is 89.8%. 168 patients had congenital biliary dilatation. The annual number of endoscopic surgeries such as gastroesophageal reflux disease and Hirschsprung's disease is 48.

### Specialized Outpatient Clinic

We provide consultation for issues such as hepatobiliary disease, laparoscopic and thoracoscopic surgery, and treatment of pediatric tumor in which extraction seems difficult to perform, in the outpatient clinic on Monday, Wednesday, and Friday. We accept patients in the second opinion outpatient clinic as needed.

### Advanced Medicine and Research

We gain Grant in Aid for Scientific Research and the Ministry of Health, Labour and Welfare group research fund about twice a year for activities such as research on the mechanism of biliary dilatation for congenital biliary dilatation, research on the mechanism of protein plug formation associated with the development of pain in congenital biliary dilatation, bile duct cell culture, and the development of the artificial organs.



## General Medicine

**Director** BAN, Nobutaro (Professor)

11W

The department where patients can seek for help whenever they are not sure which specialities are appropriate

Our department provides comprehensive medicine, which takes into consideration the physical and mental aspects of patients, patient's family, and society.

### Medical Care System

Nine academic personnel (including academic personnel of center for medical education, department of education for community-oriented medicine, and department of community health care system development), five doctors, two senior residents, two registered trainee doctors, and two health care providers provide medical care every day to patients in two to three revisit outpatient examination rooms and three to four first-visit outpatient examination rooms and 10 inpatient beds.

### Target Disease

We provide medical care to patients for whom a certain department cannot be specified. If a patient needs to see a specialist, we refer the patient to a specialized department. We also accept consultations from specialized departments.

### Strong Fields

We identify various health problems of patients, interpret them comprehensively, and finally solve them. We consider prevention, medicine, and welfare as a continuum and are involved in each component.

### Clinical Results

The daily number of revisit outpatients is about 60, and the daily number of first-visit outpatients is 15 to 20. For inpatient medical care, we are in charge of 8 beds and see two to five patients as a consultant. We also provide support for emergency department visits during operating hours by seeing emergency patients other than those transported by an ambulance during the day-shift. We accept about 30 consultations from other departments a month.

### Specialized Outpatient Clinic

We do not have outpatient clinics for specific diseases and organs.

### Advanced Medicine and Research

We conduct various researches such as research on education, research on medical care, and epidemiological research. What is common among these researches is that it is based on questions and the needs arising in clinical settings or medical education.

