

Rheumatology

Director ISHIGURO, Naoki (Professor)

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Diversified actions include providing information on the treatment of rheumatism

We treat patients with rheumatic diseases that cause damage to motor organs such as joints.

Medical Care System

We perform surgical therapy and drug therapy for patients with rheumatic diseases. In addition, our department is one of the few facilities that are committed to the treatment of hemophilic arthropathy, and we safely perform surgeries in cooperation with Hematology Department. We cooperate closely with departments such as Respiriology, Nephrology, and Gastroenterology and are ready to manage complications and adverse drug reactions.



Target Disease

Rheumatoid arthritis (about 1,000 registered patients) and hemophilic arthropathy (three to five surgeries per year).

Strong Fields

We aim at minimally invasive and precise surgery and actively perform surgical therapy. For drug therapy, we basically use methotrexate and actively use biologic drugs as well. In addition, we make comparisons with inflammatory markers, bone metabolic markers, and so forth, and utilize the findings for a better understanding of the pathology and to establish treatment strategies.

Clinical Results

We perform implantation of joint prosthesis in 60 patients a year and use biologic drugs in about 300 patients a year. To provide information on advancements in treating rheumatism, we launched a rheumatism network and hold study meetings and open lectures.

Specialized Outpatient Clinic

Rheumatism outpatient clinic and hemophilia outpatient clinic.

Advanced Medicine and Research

We actively conduct clinical studies for drug development; we are conducting clinical studies for the development of five antirheumatic drugs. We focus our attention on cartilage matrix degradation products and promote the development of joint destruction markers.



Hand Surgery

Director HIRATA, Hitoshi (Professor)

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The latest treatment and research and development specialized on the hands based on high expertise

We specialize in the treatment of conditions such as musculoskeletal disorders of the upper limbs including the shoulder girdle and hands, injury, nerve paralysis, circulatory disorders, and congenital malformations.

Medical Care System

Nine doctors who specialize in diseases and injuries of the upper limbs provide medical care in the specialized outpatient clinic five days a week and perform about 400 surgeries a year. While holding conferences with doctors, four occupational therapists perform post-treatment adapted to each patient.

Target Disease

Fractures and dislocations, tendon and ligament injuries, work-related upper limb diseases, sports injuries, entrapment neuropathy, traumatic nerve injury, spastic hand, joint diseases and contracture of the upper limbs, quadruple amputation, osteoarticular infection, circulatory disorders and aseptic bone necrosis, tumors, and neoplastic lesions.

Strong Fields

Treatment of intractable osteoarthropathy of the upper limbs, paralysis due to a peripheral nerve disorder, hand reconstruction and treatment of pain, contracture removal and musculoskeletal reconstruction for contracted hands, treatment of circulatory disorders of the upper limbs, minimally invasive surgery for small joint disorders, congenital anomaly, and functional reconstruction of hands.

Clinical Results

We are committed to minimally invasive surgery utilizing endoscopy and operating microscopes, and we have performed more than 1,000 endoscopic wrist surgeries, which is an outstanding number in Japan. We introduce the latest treatment techniques for the treatment of peripheral nerve palsy as well.

Specialized Outpatient Clinic

We provide medical care in the specialized outpatient clinic from Monday through Friday. There are nine exclusive doctors, and we accept referred patients in and outside of Aichi Prefecture.

Advanced Medicine and Research

We perform functional reconstruction of upper limbs using composite tissue transplantation. In the field of research, we promote the development of materials for the treatment of peripheral nerve disorders, artificial bone, materials for the treatment of fractures, and upper limb rehabilitation supporting devices. Three patents were approved during the past three years, and four patents are pending.

