

Obstetrics and Gynecology

Director KIKKAWA, Fumitaka (Professor)

4W • 4E

Treatment of ovarian cancer providing relief based on the outstanding number of patients in Japan

In addition to the main fields of obstetrics and gynecology (gynecologic oncology, perinatal medicine, and reproductive medicine), we provide medical care for all fields of obstetrics and gynecology.

Medical Care System

15 academic personnel including professors and 13 consulting doctors provide inpatient medical care in the general outpatient clinic, specialized outpatient clinics, 4W ward (gynecology), 4E ward (perinatal medicine), and center for maternal-neonatal care (MFICU and reproductive technique). Two on-duty doctors are present for childbirth and emergency surgery.

Target Disease

Malignant tumor (e.g. cervical cancer, endometrial cancer, ovarian cancer), trophoblastic disease (e.g. hydatidiform mole, choriocarcinoma), high-risk pregnancy (e.g. pregnancy-induced hypertension syndrome, complicated pregnancy, placenta previa, fetal abnormality), infertility, gynecologic disease for which endoscopic surgery is indicated (endometriosis and uterine myoma), and climacteric disturbance.

Strong Fields

We have treated an outstanding number of patients with ovarian cancer in Japan. We also make efforts for fertility preservation treatment of early-stage malignant tumor in younger patients. In addition, we have broad experience in cases of trophoblastic disease, fetal abnormality, placenta previa accreta, endoscopic surgery, and in vitro fertilization / microinsemination.

Clinical Results

Cervical cancer: 41, endometrial cancer: 43, ovarian cancer: 50, trophoblastic disease: 13, childbirth: 492 (cesarean section: 193), maternal transport: 31, fetal congenital anomaly: 53, endoscopic surgery: 93, in vitro fertilization: 100 egg collection cycles (2010).

Specialized Outpatient Clinic

As a core hospital in the Chubu District, we provide the most advanced medical care in each of the following specialized outpatient clinics: tumor, high-risk pregnant women, reproductive medicine, endoscopic surgery, and menopause. We also provide second opinions.



Advanced Medicine and Research

We perform radical trachelectomy, which is a fertility preservation surgery, for early invasive cervical cancer. We develop ALA-PDT (photodynamic therapy) and immunotherapy targeting the novel carcinoembryonic antigen and aim at their clinical application. We have introduced robot-assisted laparoscopic surgery for hysterectomy.



Ophthalmology

Director TERASAKI, Hiroko (Professor)

9W

Efforts in the most advanced treatment demonstrated by excellent treatment results

Our department specializes particularly in retinal and vitreous disease and actively performs advanced, high-quality treatment for diseases such as age-related macular degeneration, diabetic retinopathy, and retinal detachment. We have achieved excellent treatment results including more than 700 retinal and vitreous surgeries in a year.

Medical Care System

Professor (Terasaki, Hiroko); one associate professor; two lecturers; one clinical lecturer; three assistant professors; one designated assistant professor; four clinical assistant professors, and nine part-time doctors.

Target Disease

Retinal and vitreous disease, macular degeneration, retinal degeneration, cataract, uveitis, dry eye, corneal disease, strabismus / amblyopia, pediatric eye disease, eye tumor, and ophthalmoplasty.

Strong Fields

Retinal and vitreous surgery for diseases such as diabetic retinopathy, retinal detachment, macular hole, and premacular membrane. Photodynamic therapy and new drug therapies including molecular targeted drugs such as anti-VEGF agents, and so forth, for age-related macular degeneration and macular edema.

Clinical Results

The annual number of first-visit patients is about 3,500, and the annual total number of revisit patients is about 36,000. The annual total number of surgeries is about 1,000, of which 700 surgeries are for retinal and vitreous diseases. We have achieved excellent treatment results for about 480 patients a year with age-related macular degeneration who are treated with photodynamic therapy and drug infusion.

Specialized Outpatient Clinic

Retinal and vitreous disease, corneal disease, strabismic amblyopia / pediatric eye disease, uveal disease, eye tumor, ophthalmoplasty, and low vision.

Advanced Medicine and Research

We promote elucidation of the pathology of diseases such as age-related macular degeneration, diabetic retinopathy, and retinal pigment degeneration and the development of new therapies. Especially, we are highly reputed worldwide in the fields of diagnosis and assessment of retinal disease using electroretinographic techniques.

