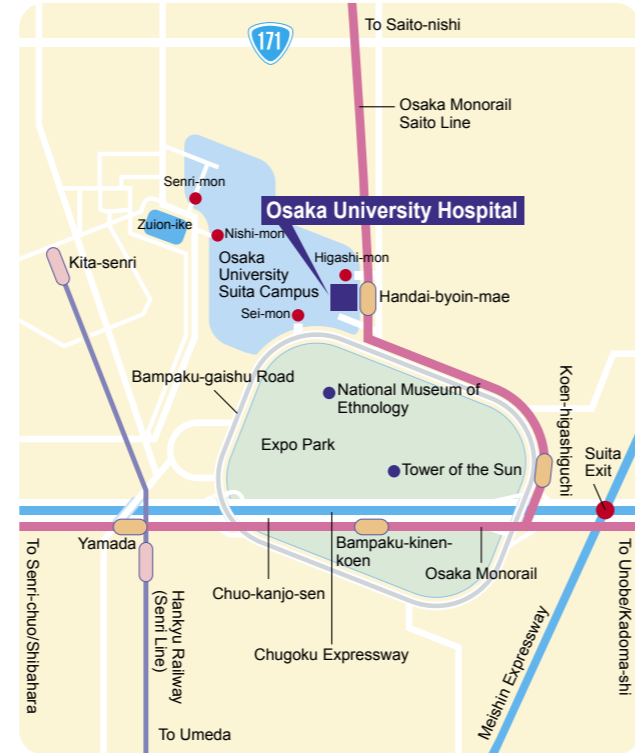


[Access]



- Osaka Monorail, Saito Line: Get off at **Handai-byoin-mae**
- JR Tokaido Main Line (Kyoto Line): From JR Ibaraki Station, take the Kintetsu Bus for Handai honbu-mae and get off at **Handai-igakubu-byoin-mae**
- Hankyu Railway Kyoto Line: From Hankyu Ibaraki-shi Station, take the Kintetsu Bus for Handai honbu-mae and get off at **Handai-igakubu-byoin-mae**
- Osaka Metro Midosuji Line: From Kita-Osaka Kyuko Line Senri-Chuo Station, take the Hankyu Bus for Handai honbu-mae and get off at **Handai-igakubu-byoin-mae**



Osaka University Hospital Outline



Live Locally, Grow Globally

2018



149 Years of Aspiring for the Advancement of Medicine

When Osaka prefecture built a temporary hospital and medical school at Daifukuji temple in 1869 (Meiji 2), Koreyoshi Ogata, an heir of Koan, along with Ikuzo, his brother-in-law, and Sessai, his adopted son, were involved in its foundation.

This medical school went through many transitions over the years to become today's Osaka University Hospital.

The philosophies of Osaka University Hospital carry on the ideas of Koan Ogata.

Koan Ogata



* Osaka University was founded in 1931 as Japan's 6th Imperial University. However, the roots of Osaka University can be found in the Tekijuku school founded in 1838 by Koan Ogata. As the year 1868 saw the demise of the feudal era, the students and son of Koan Ogata played a central role in the founding of the temporary Osaka Hospital and the Osaka Medical School by the new Meiji government in 1869; over the years they went through many transitions until the two faculties of medicine and science were put together to found the Osaka Imperial University in 1931.

Principles

The Osaka University Hospital shall provide high-quality medical care services and contribute to the fostering of medical professionals and medical development.



Fundamental Policies

- To provide patient-centered, safe and reliable holistic medical care services
- To develop and implement advanced medical care and future medical technology
- To contribute to social and community medical care services
- To foster excellent medical professionals rich in humanity

Protection of Patients' Rights

- Patients shall receive medical treatment that respects them as people.
- Patients shall receive safe, high-quality medical care services.
- Patients shall receive satisfactory explanations and information.
- Patients shall be able to select their preferred treatment at their discretion.
- Patients' privacy (personal information) shall be protected.

Obligations of Patients

- Patients shall adhere to the rules defined by the Osaka University Hospital and refrain from creating any nuisance.
- To describe one's medical condition as accurately as possible.
- To communicate one's intentions and opinions in order to receive the most appropriate course of treatment.
- To understand the course of treatment and provide cooperation.
- To accurately report one's healthcare insurance, and pay the medical fee incurred.



Certificate of Hospital Accreditation
In January 2016 it was recognized as meeting the latest standards (3rdG:Ver. 1.1) by the Japan Council for Quality Health Care.



Accreditation for clinical study core hospital
Received approval from the Ministry of Health, Labour and Welfare in August 2015.



ISO15189 certification
Certified by the Japan Accreditation Board in September 2015.



Designated a Cancer Genome Core Hospital
Designated by the Ministry of Health, Labour and Welfare in February 2018.



Research and Development in Advanced Medical and Surgical Treatment with Comprehensive Competence and Excellent Safety Standards

[Education] Training of excellent and humane care givers

- We train doctors who combine clinical and research abilities.
- We promote the development of medical professionals in the fields of nursing and medical technology while continuously developing a practical training package that contributes to improving the ability of staff to provide treatment safely.



[Research] Development and practice of future medical care

- Focusing on the Department of Medical Innovation, we will enhance our clinical research support system as a base for clinical study.
- We meet the requirements of the regulations of clinical studies such as the Clinical Research Act.
- Advancement of cancer genomics

[Medical treatment] Offering advanced medical care

- Under the leadership of the Hospital Director, we plan to re-examine the consultation system and raising the efficiency of work operation.
- We will strengthen cooperation with national and local governments.
- To ensure the medical care environment required as an advanced functions hospital, we work to enhance and improve our facilities, while also updating and maintain our line of medical equipment.
- We will work to further improve our patient care system and promote the provision of safe and secure medical care from the patients' perspective.
- One of only two facilities in Japan that can perform transplants for all organs. We will continue to actively develop advanced, cutting-edge organ transplant medicine and act as a model for transplant medical care in Japan as a responsible organ transplant and donation hospital with a fully-developed organ donation system including children.
- We will promote advanced medical treatment as the hospital with the highest number of approved cases nationwide, and improve medical standards through advanced medical development.

[Contribution to regional medical services] Network with regional medical service institutions

- In cooperation with each center, we plan to contribute to regional medical care.

[Internationalization] Globalization of medical care and education

- We will actively promote and develop medical care systems for overseas patients and in-hospital training systems (inbound) for foreign health care workers at the Center for Global Health, as well as the global expansion system (outbound) of products and medical technologies such as pharmaceutical products, medical equipment, and regenerative medical products developed domestically centering on our hospital, and issues related to international medical care and in-house hospital staff education (international medical studies and education).

[Management] Strengthening the foundation for hospital management

- Under the leadership of the Hospital Director, we plan to re-evaluate the administration systems and promote improvement in management efficiency.
- We are conducting studies on disaster prevention measures and disaster medical treatment with the aim of fortifying our system of cooperation both inside and outside the hospital.



Live Locally, Grow Globally

— “to be a university that shines forth
into the 22nd century” —

Contents

Table of Contents

Principles, Fundamental Policies, Protection of Patients' Rights and Obligations of Patients.....	02
Research and Development in Advanced Medical and Surgical Treatment with Comprehensive Competence and Excellent Safety Standards	03
History	05
Organization Chart / Number of Staff / Faculty and Administrative Officers.....	07
Data	09
Number of Outpatients by Department, Number of Inpatients by Ward Floor	
Data	11
Number of Clinical Tests, Number of Surgeries, Number of Patients Who Received Imaging Examination, Number of Blood Transfusion Tests, Number of Prescriptions (Forms), Number of Work Related to Pathological Diagnoses, Rehabilitation Treatments, Number of Inpatient by Regions, Number of Clinical Trials, Number of Transplants, Number of Registered Cancer Cases within Our Hospital, Number of Anticancer Drug Formulation Cases for Inpatient and Outpatient, Number of Cases in Which Doctor Helicopter was Dispatched, Number of Childbirth Cases, Number of Blood Purification Therapies Performed	
Legal Authorization of Medical Services.....	13
Finance/Translational Research.....	14
Buildings Layout/Building Directory and Number of Beds.....	15
Topics (Designated a Cancer Genome Core Hospital / Osaka Clinical Research Network: OCR-net).....	17
Osaka University Hospital through Photographs.....	18

History

1838 The scholar of Dutch learning Koan Ogata opened the school Tekijuku.



1869 The new government set up Osaka Hospital (Headed by Ogata family) which was under the direct control of Ministry of Education in the Okumi Uchikyuhoujimachi in Osaka prefecture (current Tennojiku, Uehonmachi in Osaka city), taking up the proposal by Tatewaki Komatsu, Shojiro Goto.

1870 The Ministry of Education transferred the hospital to Osaka prefecture, and Osaka prefecture established a prefectural hospital and medical center.

1871 It was put under direct control of the Ministry of Education again.

1872 Accompanying the school system reform led by Ministry of Education, the medical center and hospital were abolished.

1873 Feb. Osaka prefecture opened the Osaka Prefectural Hospital in Nishihonganji Kakesho and created a teaching faculty office.

1879 Mar. The new hospital was built in Kita-ku Joancho, and the name was changed to Osaka Public Hospital at the same time it was transferred. In addition, it created a teaching faculty office.



1880 Mar. Renamed Osaka Prefectural Hospital, splitting off the teaching faculty and Osaka Prefectural Medical School was established.

1888 Jan. Osaka Prefectural Hospital was included in the Osaka Prefectural Medical School, and the school name was changed to Osaka Medical School.

1893 Mar. Opened Osaka Medical School Midwife Training Center.

1898 Apr. Osaka Medical School Nursing Center was established.

1903 Oct. The name was changed to Osaka Prefectural Advanced Medical School in line with the Professional School Act.

1915 Oct. Renamed Osaka Prefectural Medical College.

1919 Nov. Osaka Prefectural Medical College was abolished and the hospital and Osaka Medical College were re-established by the University Ordinance.

1924 Oct. Renamed to Osaka Medical College Hospital. (Dojima Hamadori, Kita-ku, Osaka City)



1931 May Osaka Imperial University was founded. Osaka Medical College was transferred to Osaka Imperial University and renamed Osaka Imperial University Medical School.



1939 Jan. The East building was added.

1943 Apr. The name of the area changed from Dojima Hamadori, Kita-ku to Dojima Hamadori, Fukushima-ku.

1945 Jun. The nursing training center was renamed as Women's Welfare Department.

1947 Oct. Osaka Imperial University was renamed Osaka University.

1949 May Incorporated as a new university according to the proclamation of the National School Establishment Law and Osaka University Clinic was renamed Osaka University Hospital.

1951 Apr. Renamed Osaka University Hospital Women's Welfare Department as Osaka Nursing School.

1952 Apr. Osaka University Medical X-ray Technician School and Osaka University Midwife School established.

1953 Aug. Consequent to the founding of Osaka University Dental Hospital (March 1951), dentistry was separated from the clinical department of Osaka University Hospital.

1963 Apr. Changed the name Osaka University Nursing School to Osaka University Medical School of Nursing.

1964 Mar. The first stage of hospital reconstruction is completed.

1965 Apr. Osaka University School of Medical Technologists is established.

1966 Apr. A specialty course is established in the Osaka University Medical X-ray Technician School.

Dec. The second stage of hospital reconstruction is completed.

1968 Mar. The School of Medical Technologists is abolished in the school year following the establishment of the Osaka University Junior College of Medical Technology (June 1967).

Apr. The branch of Osaka University Hospital is integrated into the main institution.

1969 Apr. The School of Nursing and the School of X-ray Technologists are abolished in the school year following the establishment of the Osaka University Junior College of Medical Technology.

1970 Oct. The third stage of hospital reconstruction is completed.

1971 Mar. The school lunch building is completed.

1973 Aug. The fourth stage of hospital reconstruction is completed.



1989 Mar. Started new construction of wards in Suita city, Yamadaoka.

1993 Sep. Simultaneously transferred from the Nakanoshima campus (Osaka, Fukushima-ku) to the Suita campus and integrated the Research Institute for Microbial Diseases University Hospital.



1993 Oct. Canceled development of Osaka University Junior College of Medical Technology and established the School of Medicine, Division of Health Sciences.

1994 Nov. Recognized as an advanced treatment hospital.

1995 Jan. The hospital was greatly damaged in the Great Kobe Earthquake, which occurred January 17th at 5:46 am.

Mar. Completed a ward with a positron nuclear medicine diagnostic system.

1996 Mar. Closed the Osaka University Junior College of Medical Technology.

1997 Mar. Closed the Osaka University Midwife School.

Jul. Recognized as a heart transplant hospital.

1998 Apr. Recognized as a lung transplant hospital.

1999 Feb. Recognized as a pancreas transplant hospital. Conducted the first heart transplant from a brain-dead donor after the enactment of the transplant law.

Dec. Recognized as a small intestine transplant hospital. Completed the heliport on the roof of the hospital.

2000 Apr. Reorganized the care wards from 22 departments to 6 major care centers.

May Recognized as a liver transplant hospital.

2001 Jan. Certified by the Japan Council for Quality Health Care.

2004 Apr. In line with the promulgation of the National University Juridical Entity Act, renamed Osaka University as National University Corporation.

2006 Jan. Certified as Ver. 5.0 by the Japan Council for Quality Health Care.

2008 Jan. Started operating an air ambulance service under contract with Osaka prefecture.



2009 Apr. Recognized as a regional cancer diagnosis and treatment base hospital.

2011 Jan. Certified as Ver. 6.0 by the Japan Council for Quality Health Care.

2012 Jun. Performed heart transplant from the first brain-dead child donor (under age 10) after the revision of the Transplant Act.

2015 Mar. Certified as a hospital with a high quality ethics committee.

Aug. Certified as clinical study core hospital.

Sep. Completion of oncology center. Received ISO certification for clinical examination.

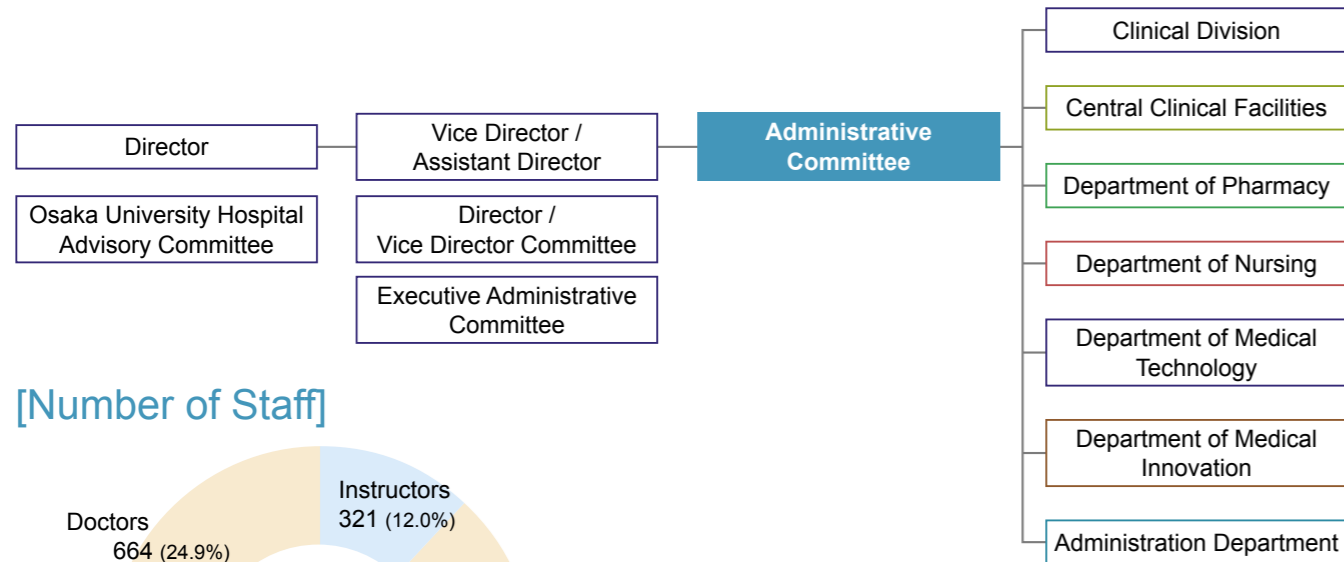
2016 Jan. Received 3rdG:Ver.1.1 certification from the Japan Council for Quality Health Care

Mar. Certified for Japan Medical Service Accreditation for International Patients (JMIP)

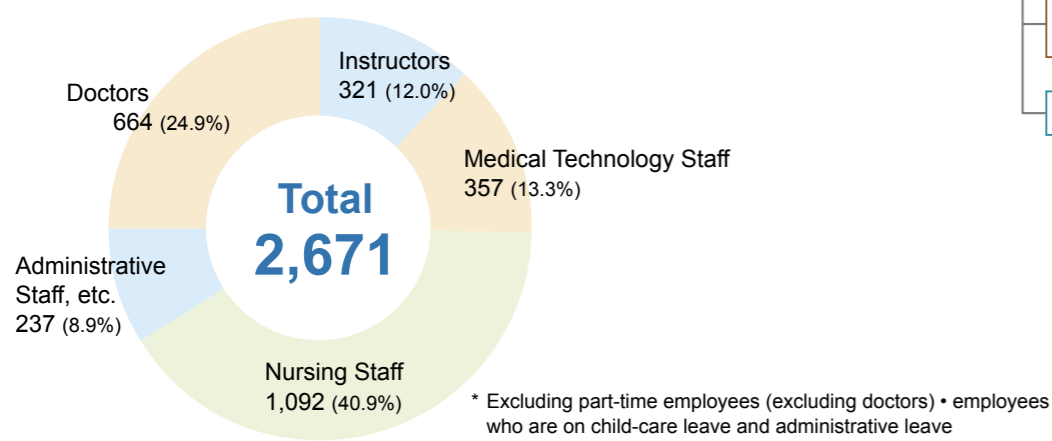
Sep. Recommended by Japan International Hospitals (JIH).

2018 Feb. Designated a Cancer Genome Core Hospital.

[Organization Chart]



[Number of Staff]



[Faculty and Administrative Officers]

Administrative Officers

Director		Assistant Directors	
Prof. Kimura, Tadashi		(Pediatric Medical Care, Perinatal Care and Emergency Medical Care)	Prof. Ozono, Keiichi
Head of Hospital Personnel and Labor Affairs Office (Personnel and Medical Safety)	Prof. Takehara, Tetsuo	(Research and Clinical Study Core Hospital)	Prof. Sakata, Yasushi
Head of Hospital Management Planning Office (Redevelopment and Cancer Treatment)	Prof. Doki, Yuichiro	(Central Clinical Facilities)	Prof. Tomiyama, Noriyuki
Head of Hospital Planning Promotion Office (Education, Organization of Medical Treatment and Finance)	Prof. Rakugi, Hiromi	(Public Relations and Medium-Term Planning)	Prof. Nonomura, Norio
Head of Hospital Patient Services Planning Office (Hospitality)	Director of nursing Koshimura, Toshie	(Medical Informatics, Regional Medical Services and External Evaluation)	Prof. Matsumura, Yasushi
		(Women's Support and Diversity)	Prof. Nakajima, Kazue
		(Administration and Organizational Reform)	Director Nobuhara, Hisao

Clinical Division

● Department of Medicine		● Department of Surgery	
Chairman (Prof.) Shimomura, Ichihiro		Chairman (Prof.) Okuyama, Hiroomi	
Cardiovascular Medicine	Director (Prof.) Sakata, Yasushi	Cardiovascular Surgery	Director (Prof.) Sawa, Yoshiki
Nephrology	Director (Prof.) Isaka, Yoshitaka	General Thoracic Surgery	Director (Prof.) Shintani, Yasushi
Gastroenterology and Hepatology	Director (Prof.) Takehara, Tetsuo	Gastroenterological Surgery	Director (Prof.) Mori, Masaki
Metabolic Medicine	Director (Prof.) Shimomura, Ichihiro	Gastroenterological Surgery	Director (Prof.) Doki, Yuichiro
Respiratory Medicine	Director (Prof.) Kida, Hiroshi	Breast and Endocrine Surgery	Director (Prof.) Noguchi, Shinzaburo
Clinical Immunology	Director (Prof.) Kumanogou, Atsushi	Pediatric Surgery	Director (Prof.) Okuyama, Hiroomi
Hematology and Oncology	Director (Prof.) Kanakura, Yuzuru	Department of Diagnostic Pathology	Director (Prof.) Morii, Eiichi
Geriatrics and Hypertension	Director (Prof.) Rakugi, Hiromi		
Kampo Medicine	Director (Special Prof. (Full-time)) Hagihara, Keisuke		
General Medicine	Director (Prof.) Rakugi, Hiromi		

● Department of Sensory, Cutaneous and Motor Organ Medicine		
Chairman (Prof.)	Inohara, Hidenori	
Ophthalmology	Director (Prof.)	Nishida, Kohji
Otorhinolaryngology - Head and Neck Surgery	Director (Prof.)	Inohara, Hidenori
Orthopaedic Surgery	Director (Prof.)	Yoshikawa, Hideki
Dermatology	Director (Prof.)	Kaneda, Mari
Plastic Surgery	Director (Assis. Prof.)	Kubo, Tateki
Rehabilitation Medicine	Director (Prof.)	Yoshikawa, Hideki

● Department of Clinical Neuroscience		
Chairman (Prof.)	Ikeda, Manabu	
Neurology and Cerebrovascular Diseases	Director (Prof.)	Mochizuki, Hideki
Neuropsychiatry	Director (Prof.)	Ikeda, Manabu
Neurosurgery	Director (Prof.)	Kishima, Haruhiko
Anesthesiology	Director (Prof.)	Fujino, Yuuji

● Department of Woman, Child Health and Urology		
Chairman (Prof.)	Nonomura, Norio	
Obstetrics & Gynecology	Director (Prof.)	Kimura, Tadashi
Pediatrics	Director (Prof.)	Ozono, Keiichi
Urology	Director (Prof.)	Nonomura, Norio

● Department of Radiology		
Chairman (Prof.)	Tomiyama, Noriyuki	
Diagnostic and Interventional Radiology	Director (Prof.)	Tomiyama, Noriyuki
Radiotherapy	Director (Prof.)	Ogawa, Kazuhiko
Nuclear Medicine	Director (Prof.)	Hatazawa, Jun

Central Clinical Facilities

[Management Section]

● Sterile Supply	Director (Prof.)	Takashina, Masaki
● Pathology	Director (Prof.)	Morii, Eiichi
● Blood Transfusion	Director (Prof.)	Tomiyama, Yoshiaki
● Medical Informatics	Director (Prof.)	Matsumura, Yasushi
● Infection Control and Prevention	Director (Prof.)	Tomono, Kazunori
● Department of Clinical Quality Management	Director (Prof.)	Nakajima, Kazue
● Department of Clinical Engineering	Director (Prof.)	Takashina, Masaki
● Social Service Department	Director (Prof.)	Rakugi, Hiromi
● Department of Transplantation Medicine	Director (Prof.)	Okuyama, Hiroomi
● Division of Nutritional Management	Director (Prof.)	Shimomura, Ichihiro
● Supply Center	Director (Prof.)	Takashina, Masaki
● Postgraduate Medical Training Center	Director (Prof.)	Wasa, Masafumi
● Nursing Career Center	Director	Koshimura, Toshie
● Department of Evaluation for Highly Advanced Medical Technology	Director (Prof.)	Doki, Yuichiro
● Department of Clinical Evaluation for Newly Developed Pharmaceuticals	Director (Prof.)	Takehara, Tetsuo

[Central Medical Treatment Section]

● Laboratory for Clinical Investigation	Director (Prof.)	Hidaka, Yoh
● Surgical Center	Director (Prof.)	Minami, Masato
● Clinic of Radiotherapy	Director (Prof.)	Tomiyama, Noriyuki
● Intensive Care Unit	Director (Prof.)	Fujino, Yuuji
● Rehabilitation	Director (Prof.)	Yoshikawa, Hideki
● Department of General Medicine	Director (Prof.)	Rakugi, Hiromi
● Blood Purification Center	Director (Prof.)	Isaka, Yoshitaka

● Department of Genetic Counseling	Director (Prof.)	Mochizuki, Hideki
● Chemotherapy	Director (Prof.)	Mizuki, Masao
● Clinic of Radiotherapy	Director (Prof.)	Ogawa, Kazuhiko
● Center for Maternal, Fetal and Neonatal Medicine	Director (Prof.)	Ozono, Keiichi
● Trauma and Acute Critical Care Center	Director (Prof.)	Shimazu, Takeshi
● Endoscopy Center	Director (Prof.)	Doki, Yuichiro
● Ultrasound Diagnostic Center	Director (Prof.)	Sakata, Yasushi

[Collaborative Medical Treatment Section]

● Stroke Center	Director (Prof.)	Mochizuki, Hideki
● The Center for the Prostate Disease	Director (Prof.)	Nonomura, Norio
● Sleep Medical Center	Director (Prof.)	Ikeda, Manabu
● Center for Pain Management	Director (Prof.)	Fujino, Yuuji
● Center for Reproductive Medicine	Director (Prof.)	Nonomura, Norio
● Heart Center	Director (Prof.)	Sawa, Yoshiki
● Center for Pediatric Diseases	Director (Prof.)	Okuyama, Hiroomi
● Oncology Center	Director (Prof.)	Doki, Yuichiro
● Respiratory Center	Director (Prof.)	Kida, Hiroshi
● Epilepsy Center	Director (Prof.)	Kishima, Haruhiko
● Center for Digestive System	Director (Prof.)	Takehara, Tetsuo
● Interventional Radiology Center	Director (Assis. Prof.)	Ohsuga, Keigo
● Center for Fetal Diagnosis and Treatment	Director (Prof.)	Okuyama, Hiroomi
● Center for Intractable Diseases	Director (Prof.)	Ozono, Keiichi
● Center for Developmental Medicine and Child Psychiatry	Director (Prof.)	Ozono, Keiichi
● Center for Cancer Genomics and Personalized Medicine	Director (Prof.)	Mori, Masaki
● Diabetes Center	Director (Prof.)	Shimomura, Ichihiro

Department of Pharmacy	Director (Prof.)	Miwa, Yoshihiro
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Department of Nursing	Director	Koshimura, Toshie
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Department of Medical Technology	Director	Maeda, Ikuhiro
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Department of Medical Innovation	Director (Prof.)	Nishida, Kohji
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● Medical Center for Translational and Clinical Research	Director (Prof.)	Myoui, Akira
● Academic Clinical Research Center	Director (Assis. Prof.)	Yamamoto, Yoichi
● Data Coordinating Center	Director (Special Prof. (Full-time))	Yamada, Tomomi
● Center for Global Health	Director (Prof.)	Nakata, Ken

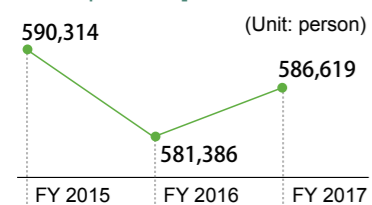
Administration Department	Director	Nobuhara, Hisao
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● General Affairs Division	Head	Kubo, Koshiro
● Disaster Management Office	Head	Kubo, Koshiro
● Management Division	Head	Yasuoka, Hironori
● Education and Research Support Division	Head	Niimi, Hiroki
● Medical Affairs Division	Head	Iwatani, Yoshikazu
● Patient Amenities and Services Promotion Office	Head	Iwatani, Yoshikazu
● Redevelopment Planning and Improvement Office	Head	Yasuoka, Hironori

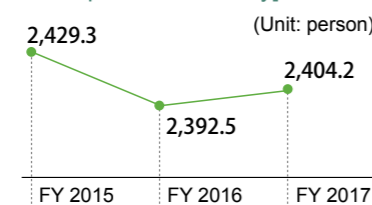
[Number of Outpatients by Department]

Department	Total Number of Outpatients (Unit: person)	Average Number of Outpatients Per Day (Unit: person)	Average Number of Hospital Visits (Days) (Unit: day)
■ General Medicine	4,645	19.0	9.3
■ Cardiovascular Medicine	29,084	119.2	43.2
■ Nephrology	15,381	63.0	85.0
■ Gastroenterology and Hepatology	44,935	184.2	50.5
■ Metabolic Medicine	41,815	171.4	89.5
■ Respiratory Medicine	13,637	55.9	37.3
■ Clinical Immunology	19,708	80.8	40.9
■ Hematology and Oncology	19,691	80.7	60.2
■ Geriatrics and Hypertension	14,642	60.0	50.1
■ Cardiovascular Surgery	11,489	47.1	32.6
■ General Thoracic Surgery	6,035	24.7	33.7
■ Gastroenterological Surgery	30,246	124.0	40.0
■ Breast and Endocrine Surgery	16,460	67.5	34.7
■ Pediatric Surgery	5,390	22.1	19.3
■ Ophthalmology	53,921	221.0	14.5
■ Otorhinolaryngology-Head and Neck Surgery	28,948	118.6	18.8
■ Orthopaedic Surgery	32,588	133.6	20.2
■ Dermatology	24,952	102.3	19.6
■ Plastic Surgery	7,932	32.5	15.8
■ Neurology and Cerebrovascular Diseases	20,941	85.8	31.9
■ Neuropsychiatry	21,557	88.3	35.0
■ Neurosurgery	13,390	54.9	22.4
■ Anesthesiology	12,413	50.9	36.1
■ Obstetrics and Gynecology	28,904	118.5	13.8
■ Pediatrics	24,245	99.4	31.9
■ Urology	22,323	91.5	34.7
■ Diagnostic and Interventional Radiology			
■ Radiotherapy	15,754	64.6	97.2
■ Nuclear Medicine			
■ Trauma and Acute Critical Care Center	1,241	5.1	29.5
■ Unit for Dentistry	4,352	17.8	3.8
Total	586,619	2,404.2	26.8

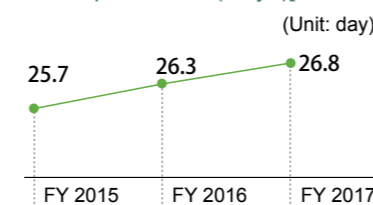
[Changes in the Total Number of Outpatients]



[Changes in the Average Number of Outpatients Per Day]



[Changes in the Average Number of Hospital Visits (Days)]

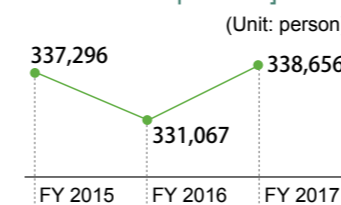


[Number of Inpatients by Ward Floor]

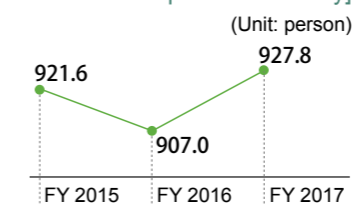
West Ward						East Ward					
Floor	Department	Total Number of Inpatients (Unit: person)	Number of Inpatients / Daily Average (Unit: person)	Average Number of Days that Patients Spent in Hospital (Unit: day)	Rate of Sickbed Operation (Unit: %)	Floor	Department	Total Number of Inpatients (Unit: person)	Number of Inpatients / Daily Average (Unit: person)	Average Number of Days that Patients Spent in Hospital (Unit: day)	Rate of Sickbed Operation (Unit: %)
13	■ Department of Clinical Neuroscience (Neurosurgery)	14,443	39.6	15.1	80.6	13	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Otorhinolaryngology-Head and Neck Surgery)	16,509	45.2	17.4	88.7
12	■ Department of Woman, Child Health and Urology (Urology)	16,971	46.5	20.2	96.9	12	■ Department of Medicine (Metabolic Medicine / Clinical Immunology)	16,159	44.3	21.2	83.5
11	■ Department of Surgery (Gastroenterological Surgery)	16,725	45.8	20.2	91.6	11	■ Department of Medicine (Gastroenterology and Hepatology)	16,177	44.3	13.2	88.6
10	■ Department of Surgery (Gastroenterological Surgery)	17,794	48.8	18.6	92.0	10	■ Department of Medicine (Hematology and Oncology)	14,730	40.4	43.4	80.8
9	■ Department of Surgery (Cardiovascular Surgery)	17,130	46.9	17.8	95.8	9	■ Department of Medicine (Cardiovascular Medicine)	17,110	46.9	14.6	93.8
8	■ Department of Surgery (Breast and Endocrine Surgery) ■ Department of Sensory, Cutaneous and Motor Organ Medicine (Dermatology/Plastic Surgery)	14,644	40.1	11.7	80.2	8	■ Department of Clinical Neuroscience (Neurology and Cerebrovascular Diseases) ■ Department of Medicine (Geriatrics and Hypertension) ■ Department of Sensory, Cutaneous and Motor Organ Medicine (Dermatology)	15,389	42.2	16.7	84.3
7	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Ophthalmology)	18,310	50.2	10.2	94.6	7	■ Department of Medicine (Respiratory Medicine) ■ Department of Surgery (General Thoracic Surgery)	15,672	42.9	15.4	87.6
6	■ Department of Surgery (Pediatric Surgery)	11,472	31.4	9.6	78.6	6	■ Department of Woman, Child Health and Urology (Pediatrics)	14,761	40.4	12.3	84.3
5	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Orthopaedic Surgery)	17,153	47.0	22.6	92.1	5	■ Department of Woman, Child Health and Urology (Obstetrics and Gynecology)	15,761	43.2	10.6	86.4
4	■ Intensive Care Unit	2,831	7.8	16.6	86.2	4	■ Intensive Care Unit	5,413	14.8	18.5	74.2
3	■ Center for Maternal, Fetal and Neonatal Medicine	12,304	33.7	5.5	88.7	3	■ Department of Medicine (Nephrology and Department of Medicine) ■ Department of Radiology ■ Clinical Neuroscience (Anesthesiology)	13,536	37.1	12.0	86.2
						2	■ Department of Clinical Neuroscience (Neuropsychiatry)	11,557	31.7	37.4	60.9
						1	■ Trauma and Acute Critical Care Center	6,105	16.7	6.0	83.6

Total	Total Number of Inpatients (Unit: person)	Average Number of Inpatients Per Day (Unit: person)	Average Number of Days Spent in Hospital (Unit: day)	Rate of Sickbed Operation (Unit: %)
	338,656	927.8	14.6	85.4

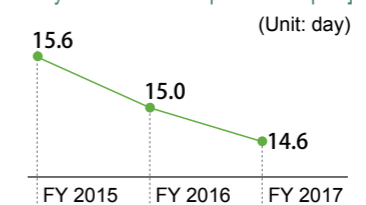
[Changes to the Total Number of Inpatients]



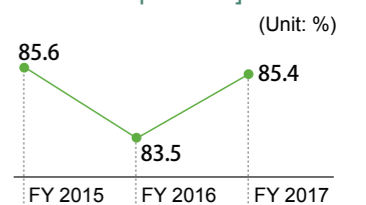
[Changes to the Average Number of Inpatients Per Day]



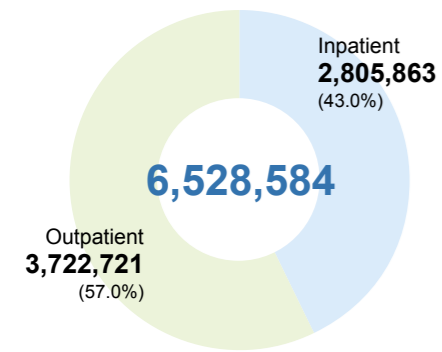
[Changes to the Average Number of Days that Patients Spent in Hospital]



[Changes to the Rate of Sickbed Operation]



[Number of Clinical Tests] (Unit: case)



[Number of Surgeries] (Unit: case)

■ Cardiovascular Surgery	1,127
■ General Thoracic Surgery	314
■ Gastroenterological Surgery	806
■ Breast and Endocrine Surgery	331
■ Pediatric Surgery	516
■ Ophthalmology	3,383
■ Otorhinolaryngology-Head and Neck Surgery	730
■ Orthopaedic Surgery	780
■ Dermatology	260
■ Plastic Surgery	498
■ Neuropsychiatry	189
■ Neurosurgery	472
■ Anesthesiology	86
■ Obstetrics and Gynecology	898
■ Urology	553
■ Trauma and Acute Critical Care Center	60
■ Bone Marrow Harvesting (Hematology and Oncology, Pediatrics)	7
■ Other (Cardiovascular Medicine, Gastroenterology and Hepatology, Pediatrics, and Radiotherapy)	91
Total	11,101

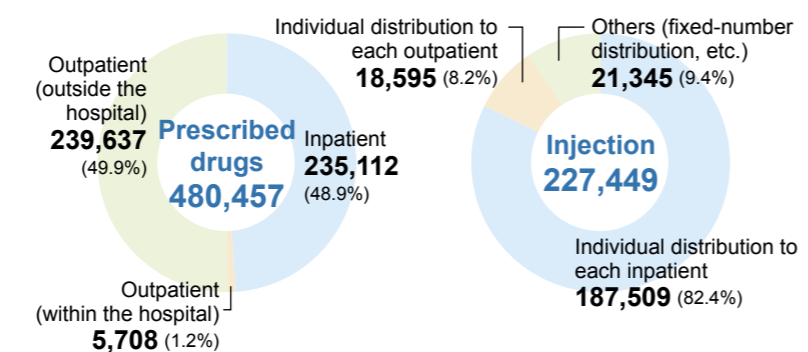
[Number of Patients Who Received Imaging Examination] (Unit: person)

Description	Number of Inpatient	Number of Outpatients	Total
■ General Imaging	67,412	56,187	123,599
■ Special Imaging	26,019	33,928	59,947
■ Nuclear Medical Test	1,225	4,434	5,659
Total	94,656	94,549	189,205

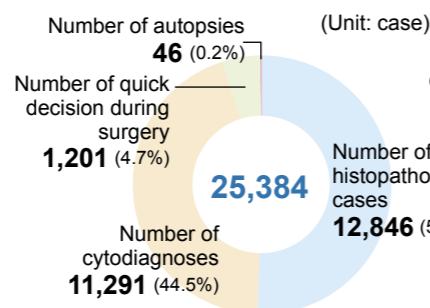
[Number of Blood Transfusion Tests] (Unit: case)

■ Blood Test ABO, Rh ₀ (D)	20,759
■ Other Blood Types	62
■ Test for Irregular Antibodies (Screening Test)	15,860
■ Crossmatching Test	15,267
■ Antiplatelet Antibody Test	364
■ Cold Agglutination	110
■ Direct Coombs Test	328
■ Indirect Coombs Test	266
Total	53,016

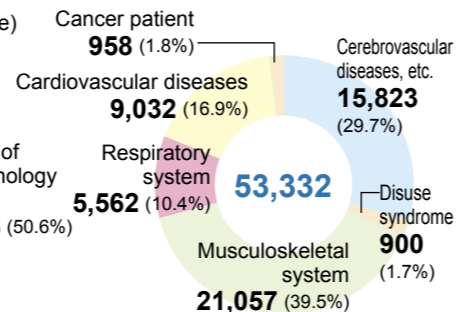
[Number of Prescriptions (Forms)] (Unit: sheet)



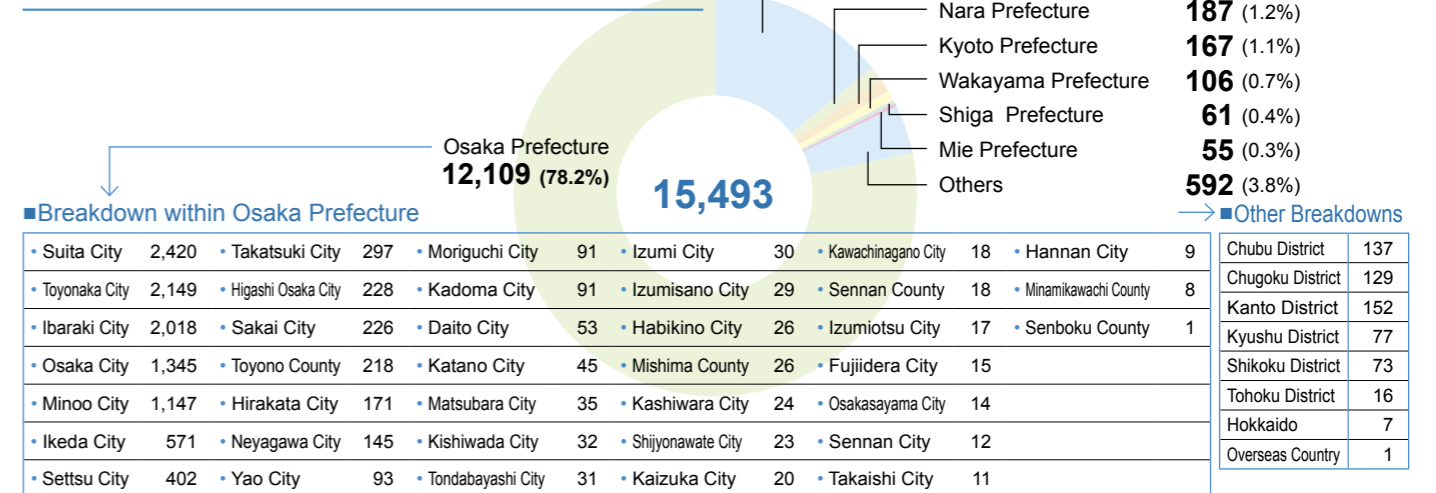
[Number of Work Related to Pathological Diagnoses] (Unit: case)



[Rehabilitation Treatments] (Unit: case)



[Number of Inpatient by Regions] (Unit: person)



[Number of Clinical Trials] (Unit: case)

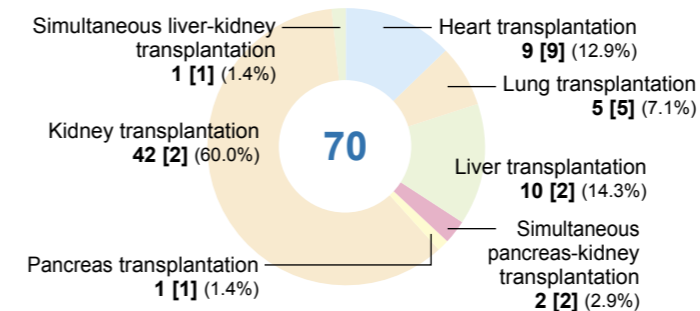
	New	Continued	Sub Total	Total Number of Clinical Trials	Total Number of Cases
■ Pharmaceuticals	73	177	250	250	271
■ Medical Equipment	5	22	27	27	48
Grand Total	*277	*1,497			

* Includes 429 medical case, 23 physician-led drug trial

[Number of Transplants] (Unit: case)

1) Number of Organ Transplant Cases

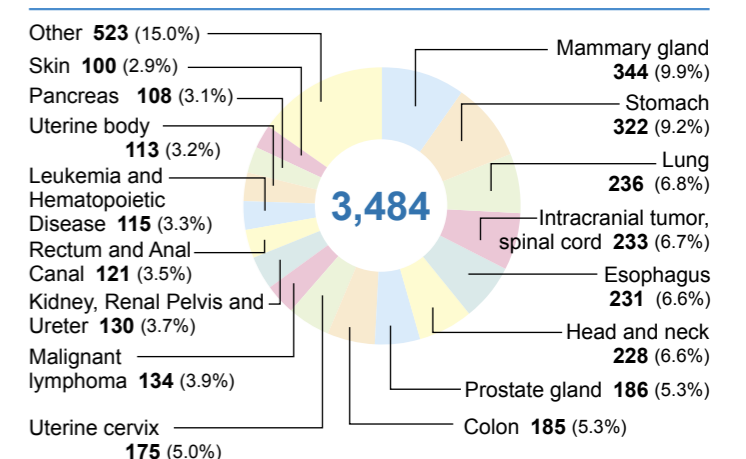
* The figure in [] indicates the number of organ transplant cases in which brain death/cardiac arrest occurred



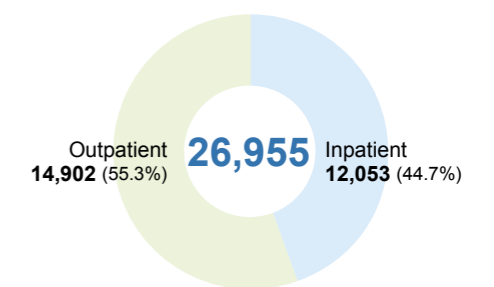
2) Number of Hematopoietic Stem Cell Transplant Cases

Description	Adult	Child
■ Transplantation Between Blood Relatives	8	1
■ Transplantation Between Non-blood Relatives	24	4
• Bone marrow donor registry	24	4
• Umbilical cord blood	0	0
■ Autologous transplant	6	1
Total	38	6

[Number of Registered Cancer Cases within Our Hospital] * FY2016 diagnoses (Unit: cases)



[Number of Anticancer Drug Formulation Cases for Inpatient and Outpatient] (Unit: cases)



[Number of Cases in Which Doctor Helicopter was Dispatched]... 147

[Number of Childbirth Cases] 610

[Number of Blood Purification Therapies Performed] 4,666

Approval of medical institutions

- Clinical training designated hospital
 - Establishment permit based on paragraph 1, Article 7 of the Medical Act (Approval)
 - Medical institutions with insurance based on the Health Insurance Act (Specific approval)
 - Medical institutions based on the Livelihood Protection Act
 - Medical institutions based on the Workers' Accident Compensation Insurance Act
 - General medical treatment based on the Medical Treatment for Atomic Bomb Victims Act
 - Certified medical treatment based on the Medical Treatment for Atomic Bomb Victims Act
 - Pregnant woman and infant health examination based on the Maternal and Child Health Act
 - Nurturing medical care based on the Maternal and Child Health Act
 - Welfare medical care based on The Special Aid to the Wounded and Sick Retired Soldiers Act
 - Usage approval of the special-function hospital name
 - AIDS treatment designated hospitals
 - **Osaka disaster base hospital**
 - Designated notification agency (Core agency) based on The Prevention of Infectious Diseases Act
 - **Osaka tertiary emergency medical institution**
 - **Osaka hepatitis special medical institution**
 - Stimulants administering institution established in the country based on The Stimulants Control Act
 - Rehabilitation medical care based on The Services and Support for Persons with Disabilities Act
 - Training medical care based on The Services and Support for Persons with Disabilities Act
 - Mental hospital visitation based on The Services and Support for Persons with Disabilities Act
 - Immigration management based on the Immigration Act and doctor specified based on The Refugee Recognition Act
 - **Osaka designated Center for Maternal, Fetal and Neonatal Medicine**
 - Designated hospital based on the Medical Care and Supervision Act
 - **Osaka Liver Disease Care Liaison Hospital**
 - Osaka Cancer Care District Liaison Hospital
 - Designated Medical institutions for Specific Chronic Diseases in Children based on paragraph 9(1), Article 19 of the Child Welfare Act
 - Designated medical institutions based on the provisions of paragraph 1, Article 14 with respect to medical care for patients with incurable diseases
 - Clinical professor designated hospitals
 - Clinical Study Core Hospital under medical law
 - Cancer Genome Core Hospital
- *Bold indicates approval specified by Osaka Prefecture

Advanced medical treatment

- Combined therapy of paclitaxel intravenous administration (administration is limited to once a week.) and carboplatin intraperitoneal administration (administration is limited to once in three weeks.)
- Epithelial ovarian cancer, carcinoma of fallopian tube or primary peritoneal cancer
- Angiogenic therapy based on Beperminogene perplasmid
- Arteriosclerosis obliterans or Buerger's disease (Limited to those at stage III or IV Fontaine classification for whom revascularization procedures and endovascular treatment are difficult.)
- Diagnosis of fever of unknown origin with compound photography using FDG positron tomography and computer tomography
- Fever of unknown origin (limited to difficult diagnosis situations stemming from image examination, blood tests and urinalysis.)
- Restoration therapy of meniscus using collagen meniscus supplemental material
- Meniscus damage (limited to patients diagnosed with meniscal loss by arthroscopy.)
- Recurrence control treatment using perioperative carperitide intravenous administration
- Non-small cell lung cancer (excluding those diagnosed with non-invasive cancer by CT imaging.)
- Diagnosis of recurrence by positron emission tomography using 11C-labeled methionine
- Head and neck tumor (limited to patients with primary or metastatic brain tumor (radiation therapy of over six months from initial treatment.) or those with tumors occurring to nasopharynx or organs near the skull or brain (radiation therapy of over six months from initial treatment and is suspected to relapse.)
- Gene analysis of corneal dystrophies
- Spinal cord regeneration therapy through olfactory mucosa autograft
- Thoracic spinal cord damage (limited to patients whose lower limbs are fully paralyzed even after 12 months following damage (AIS is deemed to be A by the American Spinal Injury Association.))
- Remission maintenance therapy by oral administration of mycophenolate mofetil after drip infusion of rituximab
- Idiopathic nephrotic syndrome (relating to patients whose age at the time of onset of symptoms of the disease is under 18 years of age, limited to frequent withdrawal relapsing or steroid dependence.)
- Combination therapy of temozolomide and radiation therapy after massive methotrexate therapy before irradiation and maintenance therapy for internal administration of temozolomide
- Central nervous system primary malignant lymphoma at the initial stage (confirmed to be a diffuse large B-cell lymphoma from a pathological standpoint and limited to those whose primary site is the cerebrum, cerebellum, or brain stem.)
- Diagnosis by positron emission tomography using 11C-labeled methionine
- Suspected of glioma at the initial stage (limited to those pertaining to patients scheduled for biopsy or surgery.)
- Transplacental antiarrhythmic drug administration therapy
- Fetal tachyarrhythmia (limited to atrial flutter or supraventricular tachycardia where the fetal heart rate is maintained at more than 180 per minute.)
- S-1 oral administration before surgery, intravenous administration of cisplatin and intravenous administration of trastuzumab in combination therapy
- Gastric cancer with advanced lymph node metastasis that can be resected (limited to those positive for HER2.)
- Temozolomide dose intensification therapy
- Glioblastoma (limited to those who had relapsed or exacerbated after the initial treatment at the initial stage.)
- Mitral valve replacement surgery using self-pericardial and annuloplasty ring
- Mitral valve insufficiency (Limited to those involving patients whose mitral valve cusps are destroyed by infective endocarditis or patients who have passed six months or more since the day of performing mitral valveoplasty and who are permitted to undergo reoperation)
- Laparoscopic paraaortic lymph node dissection
- Lens reflex surgery using multifocal intraocular lens

[Income and Expenditure] (FY 2017) * Excluding facilities expenses and external funds, such as from contract research

Income (Unit: 1000 yen)

Description	Amount
Operating Expenses Subsidies	3,622,662
Medical Practice	38,130,788
Other income	660,698
Total	42,414,148

Expense (Unit: 1000 yen)

Description	Amount
Personnel Expenses	15,212,843
Medical Bills	17,890,570
Debt Redemption Expenses	2,317,257
Operating Expenses	6,993,478
Total	42,414,148

[Facilities Expenses and External Funding, such as Contract Research]

External Funding Income (Unit: 1000 yen)

Description	Amount	
Funded Research	Contract Research	156,089
	Clinical Trial	727,485
	Joint Research	76,758
Contract Project	Contracted Intern	3,889
	Hospital Trainee	2,599
	Others	6,867
	Joint Venture	19,800
Contributions	114,125	
Other Subsidies	649,630	
Total	1,757,242	

Facilities Expenses (Unit: 1000 yen)

Description	Amount	
Equipment	Ultrasonic diagnostic equipment	80,000
Maintenance	Surgery support system	281,000
Total	361,000	

[Promotion of Translational Research]

We implement and promote translational research (TR), through which we develop new medical care, use it on a trial basis to confirm its effectiveness and safety and eventually apply it to medical care on a daily basis.

■ Number of TR implementation (FY 2017)

- New TR projects underway: 71
- Number of newly permitted clinical study projects: 4

Globalization of medical care, education and research

In April 2013, the Center for Global Health was set up as a department at our hospital to consistently perform various tasks and coordination related to foreign medical care and treatment as well as training for medical treatment of foreigners. The department aims for the globalization of medical care and education in cooperation with each department and is engaged in the following projects.

Inbound infrastructure development

- Development of overseas patient acceptance system
- Promotion of acceptance of medical training from overseas
- Formation of international medical network in Kansai

Outbound

- Deployment of Japanese pharmaceutical products and medical equipment to the world market
- Promotion of international joint clinical trials and research
- Overseas expansion of Japanese medical systems

International medical education and research

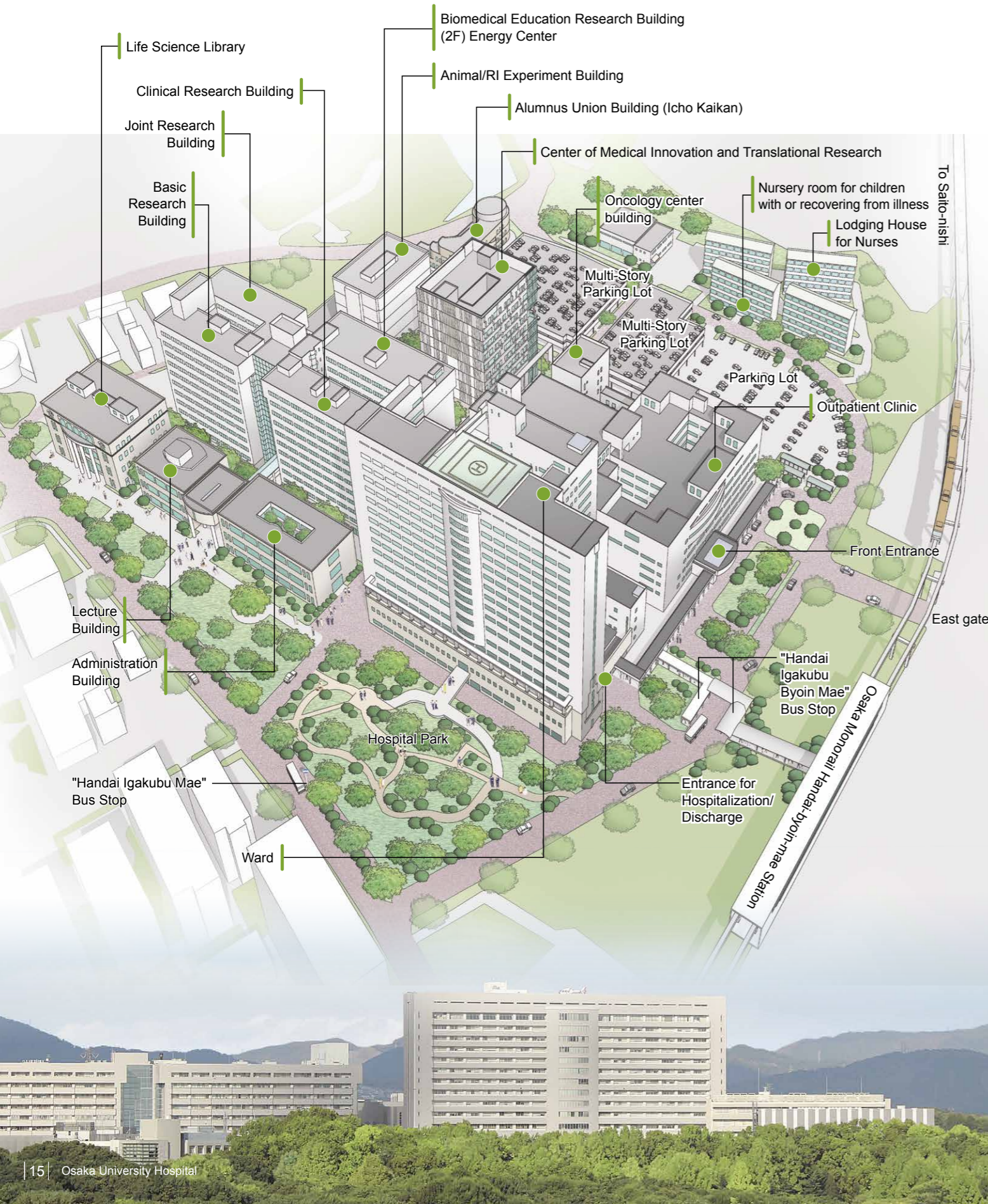
- Promotion of International Medical Education and Research in cooperation with the internal and external research and education facilities of Osaka University

International functional evaluation

- Preparation for Joint Commission International (JCI) examination
- Inspected and certified for Japan Medical Service Accreditation for International Patients (JMIP). (March 2016)
- Recommended by Japan International Hospitals (JIH). (September 2016)



Buildings Layout/Building Directory and Number of Beds



[Ward (Number of beds: 1,086) * Includes Phase I beds(10 beds)]

West Ward			East Ward		
14th Floor	Restaurant, Lounge, Meeting room, Department of Clinical Quality Management				
13th Floor	Neurosurgery	50 beds	Otorhinolaryngology-Head and Neck Surgery		51 beds
12th Floor	Urology	48 beds	Metabolic Medicine, Clinical Immunology		53 beds
11th Floor	[Center for Digestive System] Gastroenterological Surgery	50 beds	[Center for Digestive System] Gastroenterology and Hepatology		50 beds
10th Floor	[Center for Digestive System] Gastroenterological Surgery	53 beds	Hematology and Oncology		49 beds
9th Floor	[Heart Center] Cardiovascular Surgery, CVCU	49 beds	[Heart Center] Cardiovascular Medicine, CCU		50 beds
8th Floor	Breast and Endocrine Surgery, Dermatology, Plastic Surgery	50 beds	Neurology and Cerebrovascular Diseases, Geriatrics and Hypertension		50 beds
7th Floor	Ophthalmology	53 beds	[Respiratory Center] Respiratory Medicine, General Thoracic Surgery		49 beds
6th Floor	[Center for Pediatric Diseases] Pediatric Surgery, Cardiovascular Surgery, Orthopaedic Surgery	40 beds	[Center for Pediatric Disease] Pediatrics		48 beds
5th Floor	Orthopaedic Surgery	51 beds	Obstetrics and Gynecology		50 beds
4th Floor	Intensive Care Unit (ICU)	9 beds	Intensive Care Unit (ICU)		20 beds
3rd Floor	[Center for Maternal, Fetal and Neonatal Medicine] Perinatal hospital beds, MFICU, NICU, GCU	38 beds	Nephrology, Radiotherapy (RI room), Anesthesiology Cardiovascular Surgery, Trauma and Acute Critical Care Center Back Bed		43 beds
2nd Floor	Department of Nursing, Blood Purification Center		Neuropsychiatry		52 beds
1st Floor	Rehabilitation, Post Office, LAWSON, Public Cafeteria, Barber Shop, Beauty Salon, Specialty Book Store, etc.		Trauma and Acute Critical Care Center Medical Informatics, Inpatients Reception, Security Office, Disaster Prevention Center		20 beds
Basement Level 1	Division of Nutritional Management, Kitchen, Mortuary		Department of Pharmacy, Medical Affairs Division Office		

[Outpatient Clinic]

	Central Clinical Facilities, etc.	Outpatient	Others
4th Floor	Surgical Center, Intensive Care Unit, Department of Transplantation Medicine, Department of General Medicine, Infection Control and Prevention, Postgraduate Medical Training Center, Nursing Career Center	Phase I beds (10 beds)	Volunteer Room, Internal Class Instructors' Office, Simulation Room, Medical Affairs Division Office
3rd Floor	Sterile Supply, Pathology, Blood Transfusion, Department of Clinical Engineering, The Center for the Prostate Disease, Anesthesiology Outpatient Pre-op	Urology, Obstetrics and Gynecology, Neuropsychiatry, Surgery, Otorhinolaryngology-Head and Neck Surgery, Dermatology, Plastic Surgery	Library, Consultation Room, Clinical Trial Counter, Clinical Study Consultation Counter
2nd Floor	Laboratory for Clinical Investigation, Endoscopy Center	Internal Medicine (2nd floor) West, Internal Medicine (2nd floor) East, Diabetes Care, Anesthesiology, Pediatrics, Pediatric Surgery, Neurosurgery	Nursing Mothers Room
1st Floor	Department of Radiology, Social Service Department, Department of Pharmacy	Ophthalmology, Orthopaedic Surgery, Rehabilitation Medicine, Internal Medicine (1st floor) General Medicine, Smoking Cessation Clinic, Kampo Clinic, Complementary Medicine, Clinical Trial Clinic, Infection Control and Prevention, Second Opinion	General Information Center, Outpatient Reception Counter, Appointments Center, ATM, Medical Certificate Reception, External Prescription FAX Corner, Patient Consultation Room, Nutrition Consultation Room, Consultation Room, Medical Affairs Division Office, Coin Locker
Basement Level 1	Department of Radiology, Supply Center, Department of Genetic Counseling, Radiotherapy	Clinic of Radiology, Palliative Care	Unit of Dentistry, Medical Records

[Common Building of Faculty of Medicine and Hospital]

3rd Floor	Dean's Office - Faculty of Medicine, Hospital Director's Office/Administration, Department Manager's Office Meeting room, etc.
2nd Floor	Hospital General Affairs Division Office Hospital Management Division Office
1st Floor	Hospital Management Division Office Faculty of Medicine Office

[Oncology Center Building]

5th Floor	Cancer Board Hall Center for Cancer Genomics and Personalized Medicine
4th Floor	Cancer Consultation Department of Pharmacy (Oncology Center Room)
3rd Floor	Chemotherapy Section
2nd Floor	Chemotherapy Section
1st Floor	Reception, Medical Examination Section, Blood Collection and Inspection Section
LOBBY	Staff Area, Facilities Section

[Center of Medical Innovation and Translational Research]

4th Floor	Department of Medical Innovation Hospital Education and Research Support Division Office
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* A research base (9th Fl./Bsm. 1) for linking industry, government, and academia established in 2010 in the research department at Osaka University Graduate School of Medicine, enabled by a Subsidy for Advanced Technology Demonstration and Evaluation Facility Development (Enhancing investment for R&D) from the Ministry of Economy, Trade and Industry.

2017 Fiscal Year (April 2017 to March 2018) Events

Topics

Topics 1

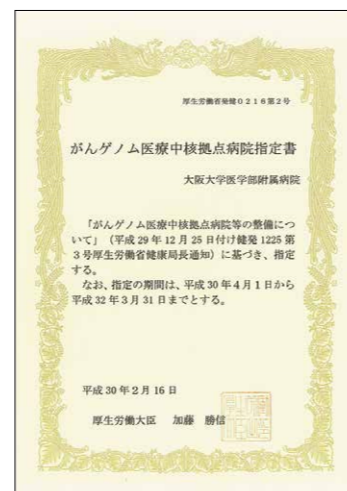
Designated a Cancer Genome Core Hospital.

Our hospital was designated as a Cancer Genome Core Hospital on February 16, 2018. This is a designation for medical institutions with advanced functions that can lead cancer genome medicine in order to establish a nationwide cancer genome medical system (11 domestic hospitals are designated including our hospital).

Cancer genome medicine is a medical treatment that optimizes treatment, prognosis prediction, and prevention of onset using genomic information of the tumor part and normal part of the cancer, and at this hospital, we are conducting complete on-site cancer genome medicine centering on the "Center for Cancer Genomics and Personalized Medicine."

In order to conduct cancer genome panel testing, we installed a genetic testing laboratory (Clinical Sequencing Laboratories) on the 5th floor of the Oncology Center under a cooperation promotion agreement with Takara Bio Inc. We are currently aiming for CAP-LAP certification and will conduct tests using a quality control system that conforms with international standards. In addition, we have consolidated almost all departments related to oncology genome medicine in the Oncology Center.

We are also focusing on highly specialized human resource training and education throughout the hospital, and in future we will collaborate with cancer genome medicine collaboration hospitals, aiming to carry out efficient and effective genome medicine. Through these efforts, we will contribute to the establishment and advancement of a nationwide system for genome medicine.

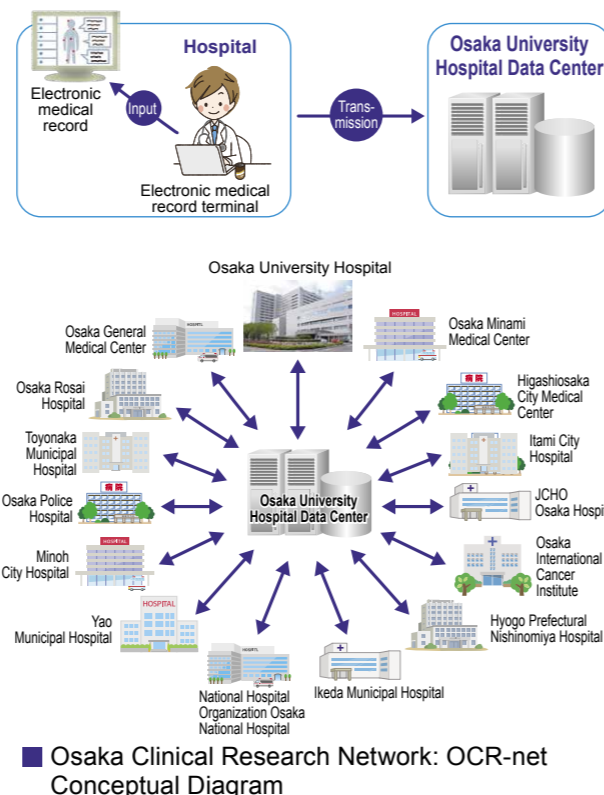


[Designation as Cancer Genome Core Hospital]

Topics 2

Construction of a multicenter joint clinical research network (Osaka Clinical Research Network: OCR-net).

Medical progress will be made by activities (clinical research) to find more effective and safer medical care than today's standard medical care. In order to draw the correct conclusions in clinical research, it is necessary to perform the research in a properly designed way, and multiple facilities must collect case data to ensure a sufficient number of cases. In addition, it is necessary to respect the patient's self-determination rights and implement clinical research in a way that makes patients' safety the first priority. In order to properly conduct clinical research, an organizational base formed by a specialized group is necessary. Osaka University Hospital is designated as a clinical research core hospital, has established a clinical research system, and is responsible for leading the advancement of high-quality clinical research. Therefore, we established the Osaka Clinical Research Network (OCR-net) in collaboration with medical facilities in the Kansai area and have concluded agreements with 24 hospitals as of April 2018. Within this, we are implementing clinical research workshops aimed at improving the capacity of staff involved in clinical research; providing support for planning of clinical research; providing support for monitoring; conducting data management using our data center; and have established a certified clinical research review committee. In addition, we are developing an ICT infrastructure that connects hospital electronic medical records using a network, enabling efficient data collection. Through the activities of OCR-net, we will conduct a large amount of high-quality clinical research and contribute to the further development of medical care.



[Entrance Hall]



[Open Terrace]



[Library]



[Front Entrance]



[Appearance of Ward]

Osaka University Hospital through Photographs



[Specific Intensive Care Unit (High-performance ICU)]



[Blood Purification Center]



[Air Ambulance]



[Center for Pediatric Diseases]



[Hospital Park]



[High Definition Imaging CT]



[Inpatients Reception]



[Surgical Assistant Robot Da Vinci]



[Trauma and Acute Critical Care Center Angiography Room]



[Oncology Center Building Anticancer Agent Preparation Room]



[Clinical Trial Counter, Clinical Study Consultation Counter]