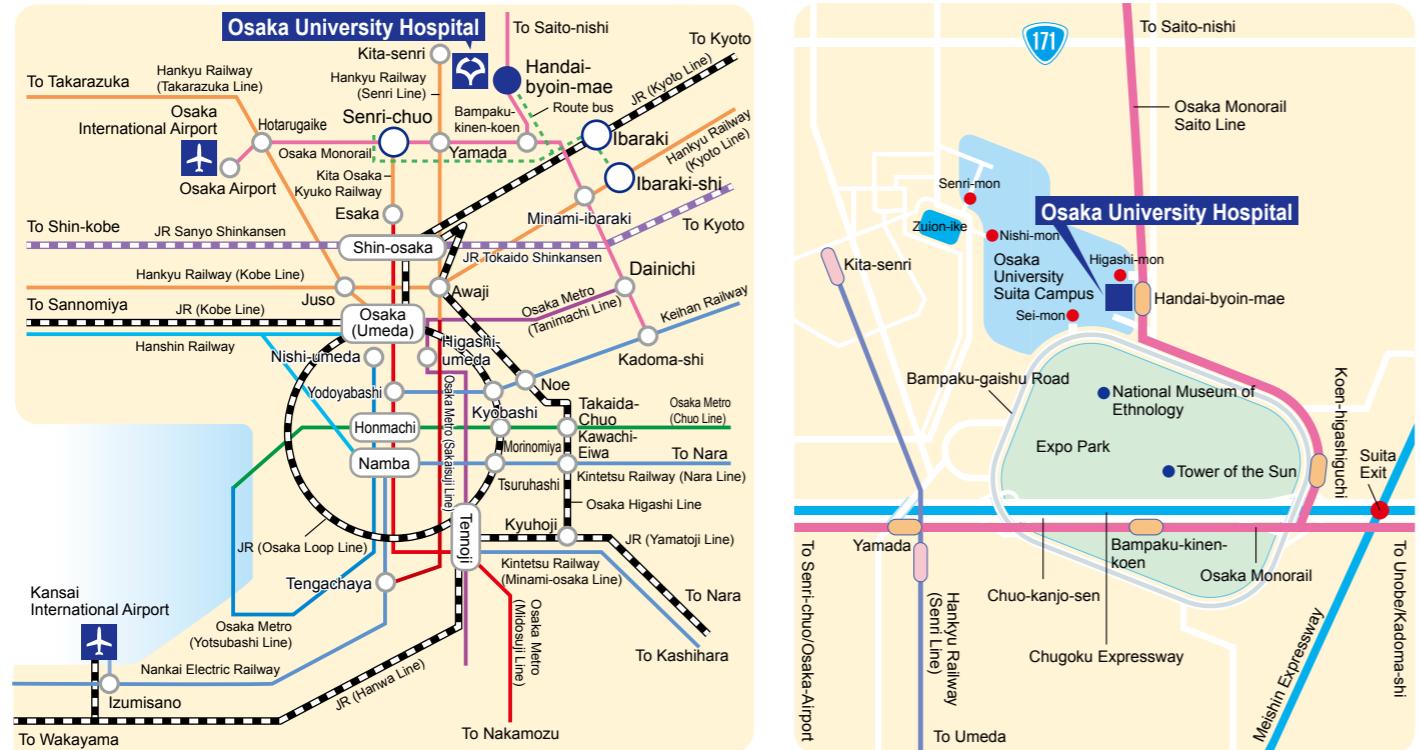


[Access]



- 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](#)



Handai Hospital

Yamadaoka 2-15, Suita, Osaka, 565-0871 Tel. +81-6-6879-5111 (operator)



英語版 19-09



Osaka University Hospital Outline



Live Locally, Grow Globally

2019





150 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



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.



Designated as an Osaka Prefecture Intractable Diseases Collaborative Core Hospital

Designated by Osaka Prefecture in November 2018. Reconfirmed by the Japan Medical Education Foundation in March 2019.



Certified under Japan Medical Service Accreditation for International Patients (JMIP)

Reconfirmed by the Japan Medical Education Foundation in March 2019.

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.



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
- Promotion of AI Hospital Project.
- Promotion of medical data utilization demonstration projects using the information trust function.

[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” —

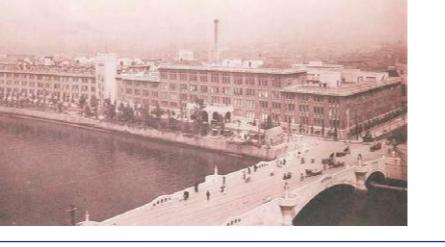
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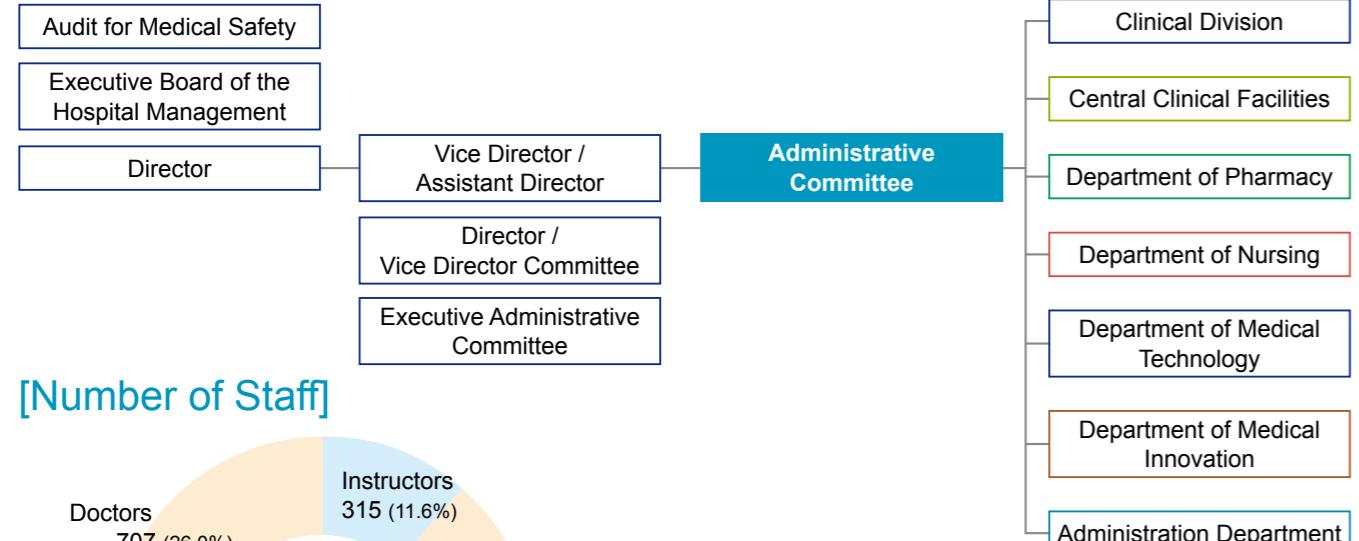
History

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, Uehommachi 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.

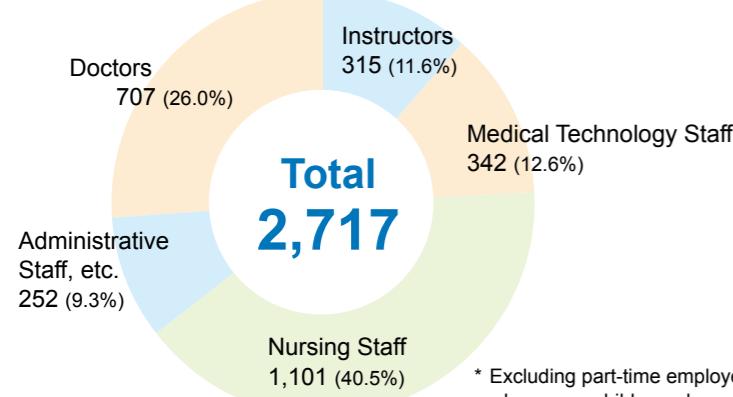
1903 Oct.	The name was changed to Osaka Prefectural Advanced Medical School in line with the Professional School Act.
1915 Oct.	Renamed Osaka Prefectural Medical College.
1919 Nov.	Osaka Prefectural Medical College was abolished and the hospital and Osaka Medical College were re-established by the University 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.
Dec.	Conducted the first heart transplant from a brain-dead donor after the enactment of the transplant law.
	
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.
	
2015 Sep.	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.
Nov.	Designated as an Osaka Prefecture Intractable Diseases Collaborative Core Hospital.
2019 Mar.	Re-certified for Japan Medical Service Accreditation for International Patients (JMIP)

[Organization Chart]



[Number of Staff]



[Faculty and Administrative Officers]

Administrative Officers

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

Clinical Division

Department of Medicine	Chairman (Prof.)	Isaka, Yoshitaka	Department of Surgery	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.)	Doki, Yuuichirou
Metabolic Medicine	Director (Prof.)	Shimomura, Ichihiro	Gastroenterological Surgery	Director (Prof.)	Doki, Yuuichirou
Respiratory Medicine	Director (Assis. Prof.)	Takeda, Yoshito	Breast and Endocrine Surgery	Director (Prof.)	Kin, Shoshin
Clinical Immunology	Director (Prof.)	Kumanogou, Atsushi	Pediatric Surgery	Director (Prof.)	Okuyama, Hiroomi
Hematology and Oncology	Director (Prof.)	Shibayama, Hirohiko	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
Director (Prof.)	Nishida, Kohji
Director (Prof.)	Inohara, Hidenori
Director (Prof.)	Yoshikawa, Hideki
Director (Prof.)	Fujimoto, Manabu
Director (Prof.)	Kubo, Tateki
Director (Prof.)	Yoshikawa, Hideki

● Department of Clinical Neuroscience

Chairman (Prof.)	Ikeda, Manabu
Director (Prof.)	Mochizuki, Hideki
Director (Prof.)	Ikeda, Manabu
Director (Prof.)	Kishima, Haruhiko
Director (Prof.)	Fujino, Yuuji

● Department of Woman, Child Health and Urology

Chairman (Prof.)	Nonomura, Norio
Director (Prof.)	Kimura, Tadashi
Director (Prof.)	Kimura, Tadashi
Director (Prof.)	Ozono, Keiichi
Director (Prof.)	Nonomura, Norio

● Department of Radiology

Chairman (Prof.)	Ogawa, Kazuhiko
Director (Prof.)	Tomiyama, Noriyuki
Director (Prof.)	Ogawa, Kazuhiko
Director (Assis. Prof.)	Katou, Hiroki

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
Director (Prof.)	Takashina, Masaki
Director (Prof.)	Rakugi, Hiromi
Director (Prof.)	Okuyama, Hiroomi
Director (Prof.)	Shimomura, Ichihiro

● Department of Clinical Engineering

Director (Prof.)	Takashina, Masaki
Director (Prof.)	Rakugi, Hiromi
Director (Prof.)	Okuyama, Hiroomi
Director (Prof.)	Shimomura, Ichihiro
Director (Prof.)	Takashina, Masaki

● Social Service Department

Director (Prof.)	Rakugi, Hiromi
Director (Prof.)	Okuyama, Hiroomi
Director (Prof.)	Shimomura, Ichihiro
Director (Prof.)	Takashina, Masaki
Director (Prof.)	Wasa, Masaumi

● Department of Transplantation Medicine

Director (Prof.)	Koshimura, Toshie
Director (Prof.)	Doki, Yuuichirou
Director (Prof.)	Yamamoto, Yoichi
Director (Prof.)	Yamada, Tomomi
Director (Prof.)	Nakata, Ken

● Division of Nutritional Management

Director (Prof.)	Shimomura, Ichihiro
Director (Prof.)	Takashina, Masaki
Director (Prof.)	Wasa, Masaumi
Director (Prof.)	Koshimura, Toshie
Director (Prof.)	Doki, Yuuichirou

● Supply Center

Director (Prof.)	Takashina, Masaki
Director (Prof.)	Wasa, Masaumi
Director (Prof.)	Koshimura, Toshie
Director (Prof.)	Doki, Yuuichirou
Director (Prof.)	Nakata, Ken

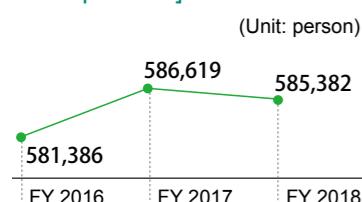
● Postgraduate Medical Training Center

Director (Prof.)	Wasa, Masaumi
Director (Prof.)	Koshimura, Toshie
Director (Prof.)	Doki, Yuuichirou
Director (Prof.)	Nakata, Ken

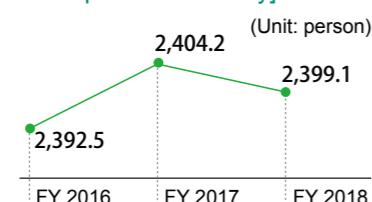
[Number of Outpatients by Department]

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	4,542	18.6	8.7
Cardiovascular Medicine	28,691	117.6	41.4
Nephrology	15,554	63.8	86.4
Gastroenterology and Hepatology	45,240	185.4	52.5
Metabolic Medicine	41,901	171.7	90.5
Respiratory Medicine	15,001	61.5	36.3
Clinical Immunology	20,156	82.6	36.1
Hematology and Oncology	19,290	79.1	64.5
Geriatrics and Hypertension	14,044	57.6	47.8
Cardiovascular Surgery	10,996	45.1	36.4
General Thoracic Surgery	6,143	25.2	34.5
Gastroenterological Surgery	30,826	126.3	38.0
Breast and Endocrine Surgery	16,132	66.1	35.1
Pediatric Surgery	5,490	22.5	17.9
Ophthalmology	56,819	232.9	15.2
Otorhinolaryngology-Head and Neck Surgery	29,446	120.7	17.6
Orthopaedic Surgery	31,648	129.7	19.3
Dermatology	22,507	92.2	19.5
Plastic Surgery	7,409	30.4	17.5
Neurology and Cerebrovascular Diseases	19,967	81.8	29.1
Neuropsychiatry	20,618	84.5	34.5
Neurosurgery	13,567	55.6	20.4
Anesthesiology	12,206	50.0	41.1
Obstetrics and Gynecology	29,048	119.1	14.9
Pediatrics	23,203	95.1	28.4
Urology	22,503	92.2	37.0
Diagnostic and Interventional Radiology	16,227	66.5	81.5
Radiotherapy			
Nuclear Medicine			
Trauma and Acute Critical Care Center	1,728	7.1	25.4
Unit for Dentistry	4,480	18.4	4.0
Total	585,382	2,399.1	26.6

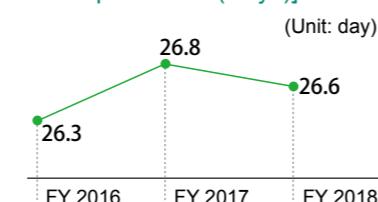
[Changes in the Total Number of Outpatients]



[Changes in the Average Number of Outpatients Per Day]



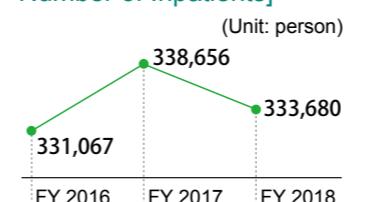
[Changes in the Average Number of Hospital Visits (Days)]



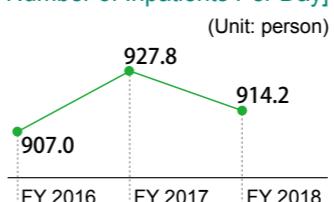
[Number of Inpatients by Ward Floor]

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)	13,963	38.3	13.8	76.5	13	Department of Sensory, Cutaneous and Motor Organ Medicine (Otorhinolaryngology-Head and Neck Surgery)	16,303	44.7	18.2	87.6
12	Department of Woman, Child Health and Urology (Urology)	15,546	42.6	15.1	88.7	12	Department of Medicine (Metabolic Medicine / Clinical Immunology)	16,605	45.5	16.5	85.8
11	Department of Surgery (Gastroenterological Surgery)	16,577	45.4	16.7	90.8	11	Department of Medicine (Gastroenterology and Hepatology)	16,627	45.6	11.1	91.1
10	Department of Surgery (Gastroenterological Surgery)	17,312	47.4	15.5	89.5	10	Department of Medicine (Hematology and Oncology)	14,862	40.7	24.9	83.1
9	Department of Surgery (Cardiovascular Surgery)	16,515	45.2	14.0	92.3	9	Department of Medicine (Cardiovascular Medicine)	16,941	46.4	14.0	92.8
8	Department of Surgery (Breast and Endocrine Surgery)	14,630	40.1	11.5	80.2	8	Department of Clinical Neuroscience (Neurology and Cerebrovascular Diseases)	15,970	43.8	14.7	87.5
7	Department of Sensory, Cutaneous and Motor Organ Medicine (Ophthalmology)	18,346	50.3	6.8	94.8	7	Department of Medicine (Respiratory Medicine)	15,446	42.3	12.4	86.4
6	Department of Surgery (Pediatric Surgery)	10,967	30.0	8.4	75.1	6	Department of Woman, Child Health and Urology (Pediatrics)	13,826	37.9	10.9	78.9
5	Department of Sensory, Cutaneous and Motor Organ Medicine (Orthopaedic Surgery)	17,216	47.2	21.8	92.5	5	Department of Woman, Child Health and Urology (Obstetrics and Gynecology)	14,829	40.6	9.4	94.5
4	Intensive Care Unit	2,621	7.2	5.5	79.8	4	Intensive Care Unit	5,703	15.6	7.8	97.7
3	Center for Maternal, Fetal and Neonatal Medicine	13,410	36.7	7.8	86.7	3	Department of Medicine (Nephrology)	13,251	36.3	11.2	84.4
						2	Department of Surgery (Cardiovascular Surgery)	10,583	29.0	34.0	55.8
						1	Trauma and Acute Critical Care Center	5,631	15.4	5.1	77.1
Total		333,680									
			Average Number of Inpatients Per Day (Unit: person)	914.2			Average Number of Days Spent in Hospital (Unit: day)	14.3		Rate of Sickbed Operation (Unit: %)	85.0

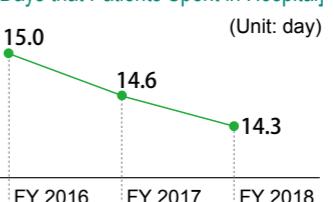
[Changes to the Total Number of Inpatients]



[Changes to the Average Number of Inpatients Per Day]



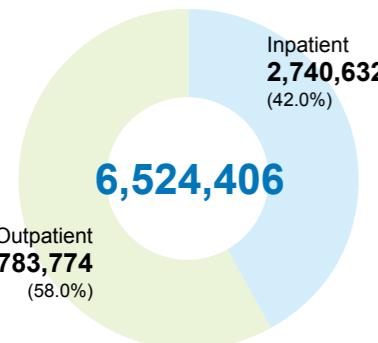
[Changes to the Average Number of Days that Patients Spent in Hospital]



[Changes to the Rate of Sickbed Operation]



[Number of Clinical Tests] (Unit: case)



[Number of Surgeries] (Unit: case)

■ Cardiovascular Surgery	1,164
■ General Thoracic Surgery	338
■ Gastroenterological Surgery	777
■ Breast and Endocrine Surgery	327
■ Pediatric Surgery	487
■ Ophthalmology	3,509
■ Otorhinolaryngology-Head and Neck Surgery	696
■ Orthopaedic Surgery	794
■ Dermatology	232
■ Plastic Surgery	461
■ Neuropsychiatry	116
■ Neurosurgery	459
■ Anesthesiology	81
■ Obstetrics and Gynecology	854
■ Urology	549
■ Trauma and Acute Critical Care Center	70
■ Bone Marrow Harvesting (Hematology and Oncology, Pediatrics)	5
■ Other (Cardiovascular Medicine, Gastroenterology and Hepatology, Pediatrics, and Radiotherapy)	104
Total	11,023

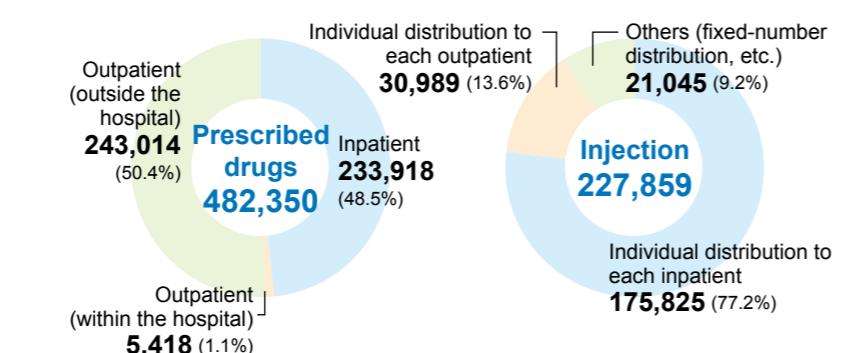
[Number of Patients Who Received Imaging Examination] (Unit: person)

Description	Number of Inpatient	Number of Outpatients	Total
■ General Imaging	62,666	56,593	119,259
■ Special Imaging	28,562	35,696	64,258
■ Nuclear Medical Test	1,221	4,102	5,323
Total	92,449	96,391	188,840

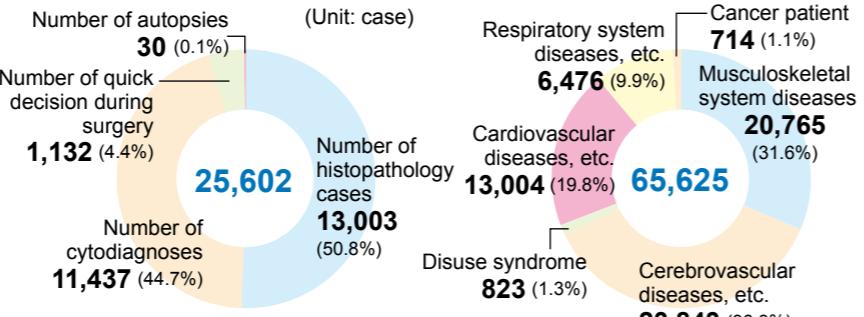
[Number of Blood Transfusion Tests] (Unit: case)

■ Blood Test ABO, Rh ₀ (D)	21,171
■ Other Blood Types	92
■ Test for Irregular Antibodies (Screening Test)	16,242
■ Crossmatching Test	14,440
■ Antiplatelet Antibody Test	302
■ Cold Agglutination	111
■ Direct Coombs Test	236
■ Indirect Coombs Test	218
Total	52,812

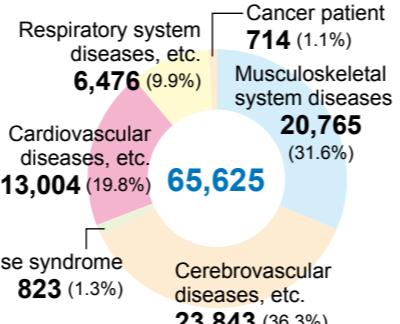
[Number of Prescriptions (Forms)] (Unit: sheet)



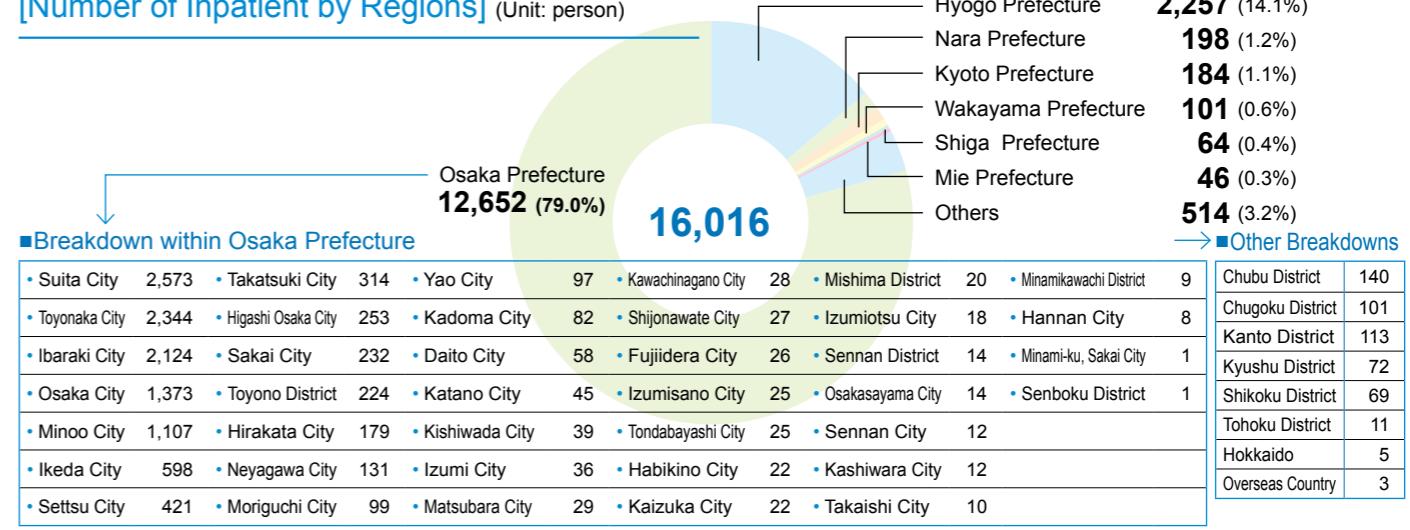
[Number of Work Related to Pathological Diagnoses]



[Rehabilitation Treatments]



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



[Number of Clinical Trials] (Unit: case)

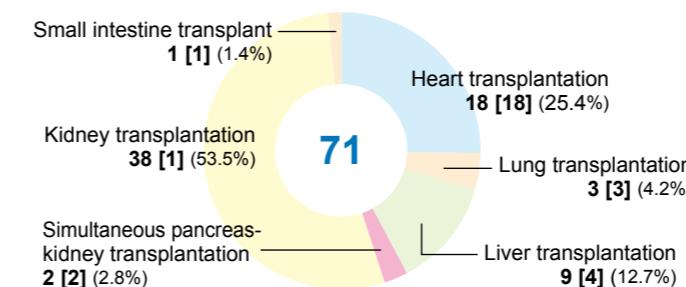
	Total Number of Clinical Trials	Total Number of Cases
■ Pharmaceuticals	70	279
Continued	190	889
Sub Total	260	1,168
■ Medical Equipment	1	3
Continued	17	94
Sub Total	18	97
Grand Total	*278	*1,265

* Includes 287 medical case, 21 physician-led drug trial

[Number of Transplants] (Unit: case)

1) Number of Organ Transplant Cases

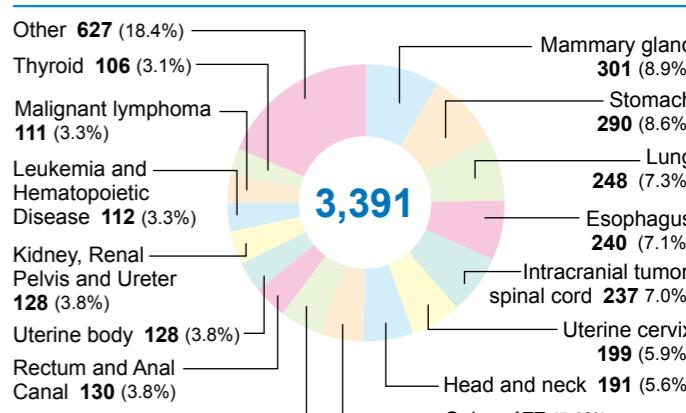
* The figure in [] indicates the number of organ transplant cases in which brain death/cardiac arrest occurred



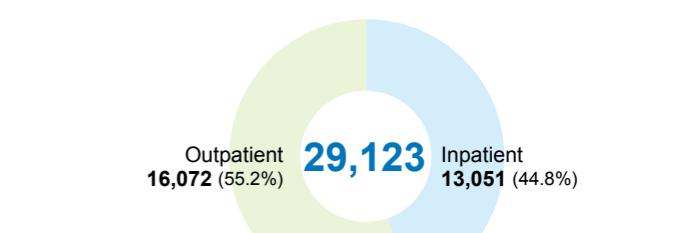
2) Number of Hematopoietic Stem Cell Transplant Cases

Description	Adult	Child
■ Transplantation Between Blood Relatives	7	0
■ Transplantation Between Non-blood Relatives	17	4
• Bone marrow donor registry	13	2
• Umbilical cord blood	4	2
■ Autologous transplant	10	2
Total	34	6

[Number of Registered Cancer Cases within Our Hospital] *FY2017 diagnoses (Unit: cases)



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



[Number of Cases in Which Doctor Helicopter was Dispatched] 156

[Number of Childbirth Cases] 704

[Number of Blood Purification Therapies Performed] 4,154

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
- Osaka Prefecture Intractable Diseases Collaborative Core Hospital
- Accredited Medical Institution for International Patients

*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 temozolamide and radiation therapy after massive methotrexate therapy before irradiation and maintenance therapy for internal administration of temozolamide
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.)
- Temozolamide 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
- Multiplex genome panel testing Refractory solid-tumor cancers (Limited to stage III or IV and inoperable or relapse after treatment, for which there is no treatment or for which conventional treatment has ended or conventional treatment is scheduled to be ended, excluding sarcoma.)

Finance/Translational Research

[Income and Expenditure] (FY 2018) * Excluding facilities expenses and external funds, such as from contract research

Income (Unit: 1000 yen)		Expense (Unit: 1000 yen)	
Description	Amount	Description	Amount
Operating Expenses Subsidies	3,464,783	Personnel Expenses	15,791,643
Medical Practice	40,034,929	Medical Bills	18,560,816
Other income	798,479	Debt Redemption Expenses	1,631,762
Total	44,298,191	Operating Expenses	8,313,970
		Total	44,298,191

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

External Funding Income (Unit: 1000 yen)

Description		Amount
Funded Research	Contract Research	446,219
	Clinical Trial	788,653
	Joint Research	223,517
Contract Project	Contracted Intern	5,820
	Hospital Trainee	735
	Others	43,879
	Joint Venture	19,800
Contributions		62,221
Other Subsidies		781,072
Total		2,371,916

Facilities Expenses (Unit: 1000 yen)

Description		Amount
Equipment	X-ray CT diagnostic system for whole body	302,400
Maintenance	Uninterruptible power supply equipment renewal, etc.	280,278
Facility		
Total		582,678

[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 implementations (FY 2018)
- New TR ideas support projects: 31
- 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, education, and research 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

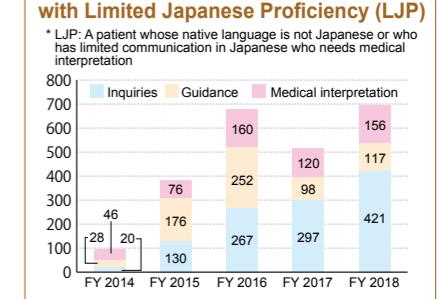
International medical education and research

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

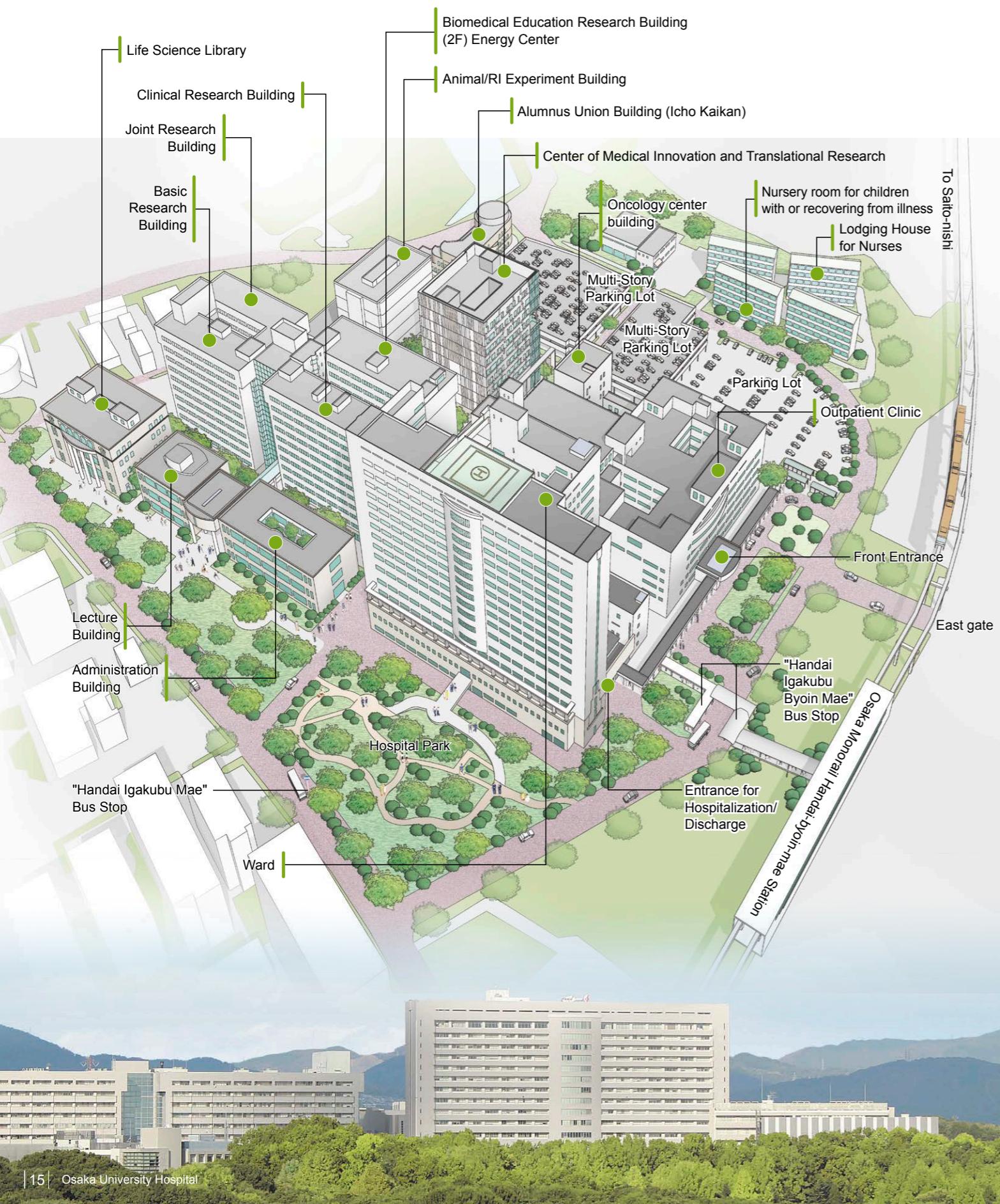
International functional evaluation

- Preparation for Joint Commission International (JCI) examination
- Inspected and re-certified for Japan Medical Service Accreditation for International Patients (JMIP). (March 2019)
- Recommended by Japan International Hospitals (JIH). (September 2016)

Total number of assistance for patients with Limited Japanese Proficiency (LJP)



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

[Outpatient Clinic]

	Central Clinical Facilities, etc.	Outpatient	Others
4th Floor	Surgical Center, Department of Transplantation Medicine, Infection Control and Prevention, Postgraduate Medical Training Center, Nursing Career Center	Volunteer Room, Internal Class Instructors' Office, Simulation Room, Medical Affairs Division Office, Phase I beds (10 beds)	
3rd Floor	Sterile Supply, Pathology, Blood Transfusion, Department of Clinical Engineering	Urology, Obstetrics and Gynecology, Neuropsychiatry, Surgery, Otorhinolaryngology-Head and Neck Surgery, Pre-anesthesia clinic, Dermatology, Plastic Surgery	Library, 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, 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, Medical Affairs Division Office, Coin Locker
Basement Level 1	Department of Radiology, Department of Genetic Counseling, Radiotherapy	Radiotherapy, Diagnostic and Interventional Radiology, Nuclear Medicine	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
1st Floor	Hospital Management Division Office
	Faculty of Medicine Office
5th Floor	Cancer Board Hall
4th Floor	Center for Cancer Genomics and Personalized Medicine
3rd Floor	Cancer Consultation
2nd Floor	Department of Pharmacy (Oncology Center Room)
1st Floor	Chemotherapy Section
LOBBY	Reception, Medical Examination Section, Blood Collection and Inspection Section
	Staff Area, Facilities Section

[Oncology Center Building]

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

2018 Fiscal Year (April 2018 to March 2019) Events

Topics

Topics 1

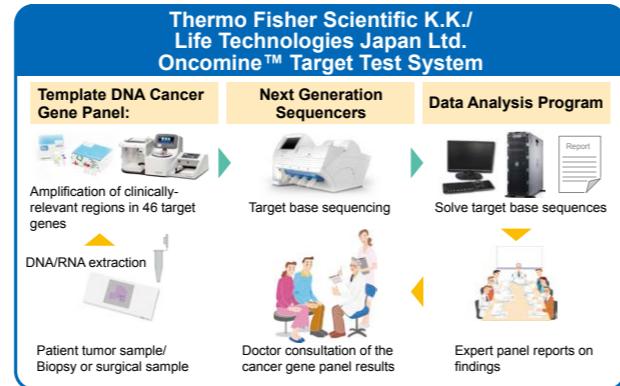
Our Clinical Sequence Laboratories have been accredited by CAP-LAP

In September 2018, our clinical sequence laboratories were accredited by CAP-LAP. Our hospital is the first Japanese hospital to operate a clinical sequencing program using next-generation sequencers that obtained CAP-LAP accreditation. CAP-LAP is a clinical laboratory accreditation program run by the College of American Pathologists and is the only international accreditation system that accredits testing using next-generation sequencers. One of the features of our cancer genome panel testing is that the whole process is carried out within the hospital, from patient registration to sample preparation, genetic analysis, expert meetings, result reports, and treatment selection. This "self-contained hospital" type system allows us to provide patients with examinations of high quality at low cost.

Our hospital has been designated as a Cancer Genome Core Hospital, and since October 2018 we have been conducting cancer genome panel testing as an advanced medical treatment. In this testing, we analyze the genomic information of cancer tissues (genome abnormalities), and we can detect genome abnormalities in bulk in a short time using next-generation sequencers, making personalized medicine more precise and efficient. In recent years, many "molecular-targeted drugs" that deal with cancer genome abnormalities have been developed, and their effectiveness has been demonstrated. The Center for Cancer Genomics and Personalized Medicine will continue to promote cancer genome treatment across our medical departments.



Nonomura, Norio, Head of Center for Cancer Genomics and Personalized Medicine and Prof. Maeda, Daichi



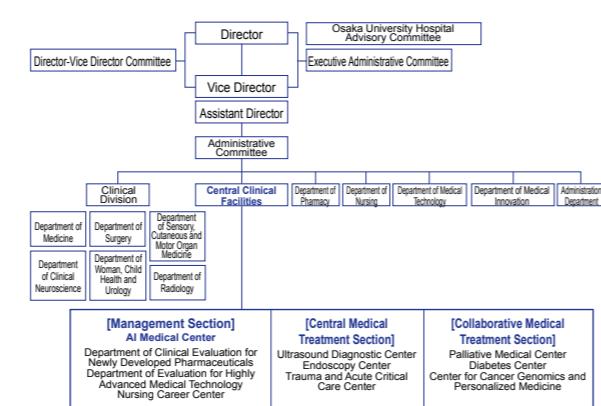
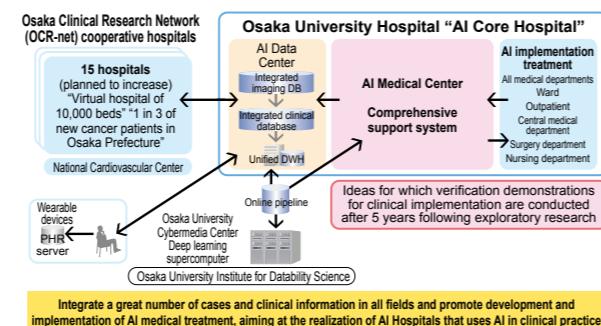
Topics 2

Establishment of "Artificial Intelligence (AI) Hospital Project"

In October 2018, we were accepted by the Cabinet Office Strategic Innovation Promotion Program "AI Hospitals for Advanced Diagnosis and Treatment Systems." This project aims to use AI technology to solve the major problems facing modern medical care, such as "the downsides of medical advancement and specialization," i.e. the risk of medical errors, increased burden on medical workers, and lack of communication with patients. Working in partnership with companies that possess AI technology who were selected for the program at the same time, we are developing technologies such as speech recognition technology support for outpatient and ward operations by medical workers, and cancer treatment support based on liquid biopsy, while accounting for personal information security. Also, in April 2019, we newly established the "AI Medical Center" as a hospital management department. At the AI Medical Center, we support the prompt and safe introduction of medical care using AI to medical sites. In each department of our hospital, we are conducting many types of AI research such as AI image diagnosis support and medical support using wearables. By promoting the development and demonstration of such AI technology we aim to contribute to medical care across the whole of Osaka Prefecture by introducing and disseminating AI medical treatment not only in our hospital but also to OCR-net (Osaka Clinical Research Network) cooperative hospitals.



Nishida, Kohji, AI Medical Center Director



[Entrance Hall]



[Open Terrace]



[Library]



[Front Entrance]



[Appearance of Ward]

Osaka University Hospital through Photographs



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



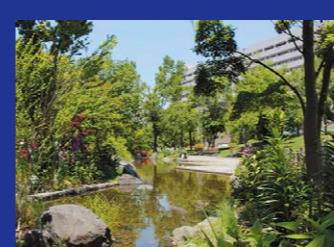
[Blood Purification Center]



[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]