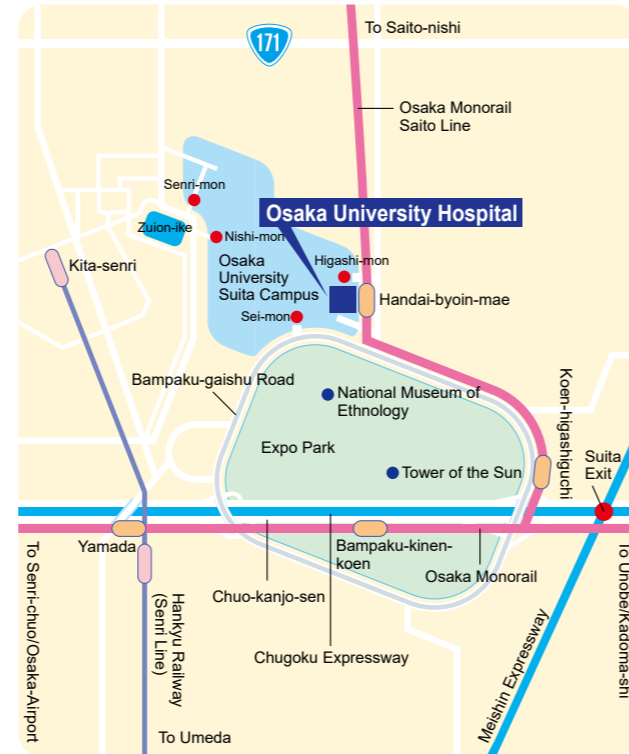


[Access]



Osaka University Hospital Outline



- 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**



Live Locally, Grow Globally

2021



OSAKA UNIVERSITY



Aspiring for the Advancement of Medicine for Over 150 Years

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 have the right to receive medical treatment that respects them as people.
- Patients have the right to receive safe, high-quality medical care services.
- Patients have the right to receive satisfactory explanations and information.
- Patients have the right to receive a second opinion from other medical institutions.
- Patients have the right 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.

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.



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.



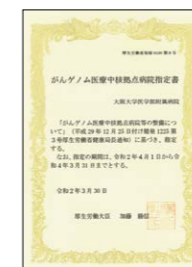
Accreditation for clinical research core hospital

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 March 2020.



Designated as an Osaka Prefecture Intractable Diseases Collaborative Core Hospital

Designated by Osaka Prefecture in November 2018.



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

Reconfirmed by the Japan Medical Education Foundation in March 2019.



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 training for specific actions.
- 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 research.
- We meet the requirements of the regulations of clinical researches such as the Clinical Trials Act.
- 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 continue to promote our advanced medical treatment with the most approvals nationwide, and improve medical standards through advanced medical development.
- We work to advance cancer genomics.
- We study hospital information systems.

[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 Uchikyuhoujmach in Osaka prefecture (current Tennoji, 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.



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. Designated as an Osaka Cancer Care District Liaison 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 research 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).

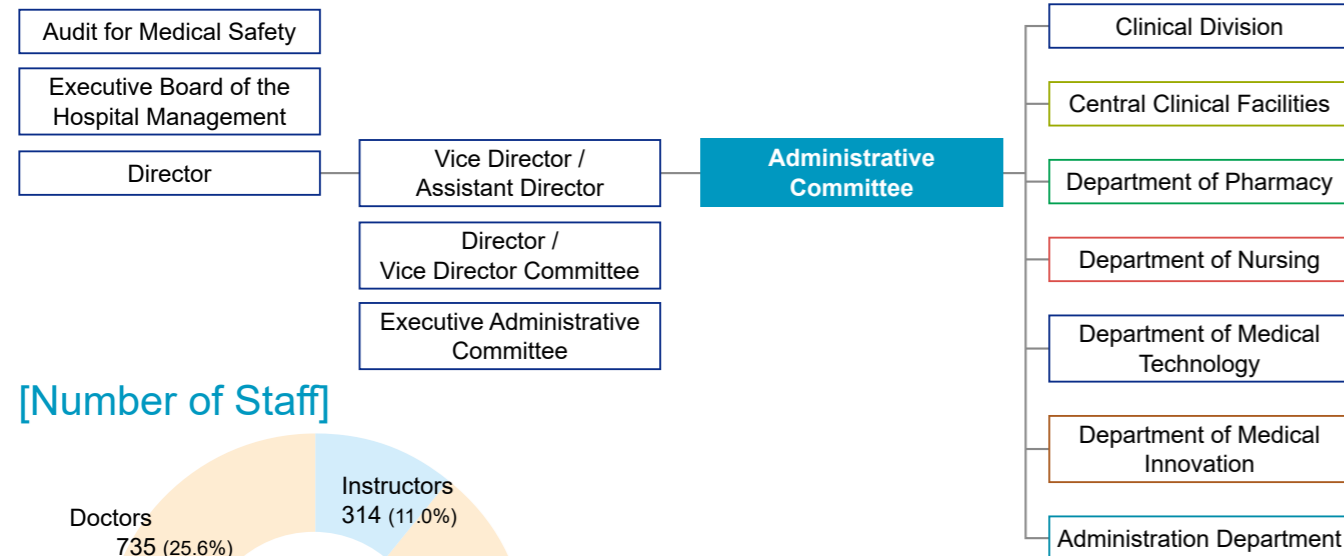
2018 Feb. Designated a Cancer Genome Core Hospital.
Nov. Designated as an Osaka Prefecture Intractable Diseases Collaborative Core Hospital.

2019 Mar. Re-certified for Japan Medical Service Accreditation for International Patients (JMIP).
Nov. Designated as a Pediatric Cancer Collaborative Hospital.

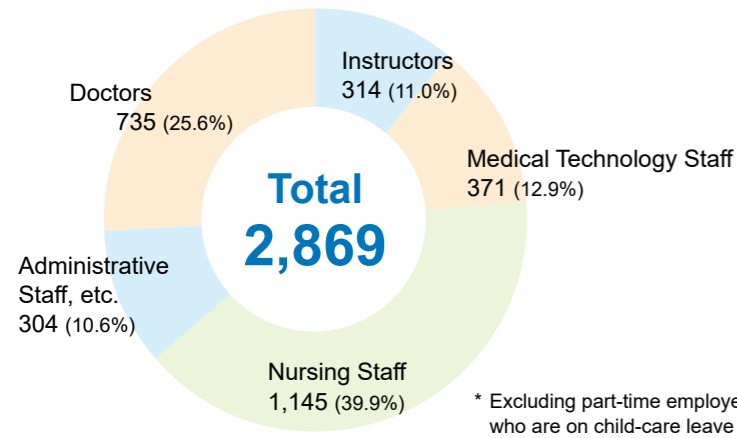
2020 Apr. Introduction of Doctor Car and DMAT Car. Designated as an Osaka Cancer Care District Liaison Hospital (Advanced Type).

Aug. Designated as an Osaka Prefecture Key Medical Institution for the treatment of COVID-19.

[Organization Chart]



[Number of Staff]



* Excluding part-time employees (excluding doctors) • employees who are on child-care leave and administrative leave

[Faculty and Administrative Officers]

Administrative Officers

Director	Assistant Directors
Prof. Doki, Yuichiro	(Pediatric Medical Care, Perinatal Care and Redevelopment)
Prof. Takehara, Tetsuo	(Research and Emergency Medical Care)
Prof. Nonomura, Norio	(Central Clinical Facilities)
Prof. Fujino, Yuji	(Public Relations, Medium-Term Goals and Planning)
Director of nursing Iwasaki, Tomoyuki	(Medical Informatics, Regional Medical Services and External Evaluation)
	(Women's Support and Diversity)
	(Administration and Organizational Reform)

Clinical Division

Department of Medicine	Chairman (Prof.)	Department of Surgery	Chairman (Prof.)
Cardiovascular Medicine	Director (Prof.) Sakata, Yasushi	Cardiovascular Surgery	Director (Prof.) Doki, Yuichiro
Nephrology	Director (Prof.) Isaka, Yoshitaka	General Thoracic Surgery	Director (Prof.) Toda, Koichi
Gastroenterology and Hepatology	Director (Prof.) Takehara, Tetsuo	Gastroenterological Surgery	Director (Prof.) Shintani, Yasushi
Metabolic Medicine	Director (Prof.) Shimomura, Iichiro	Gastroenterological Surgery	Director (Prof.) Eguchi, Hidetoshi
Respiratory Medicine	Director (Assis. Prof.) Takeda, Yoshito	Breast and Endocrine Surgery	Director (Prof.) Doki, Yuichiro
Clinical Immunology	Director (Prof.) Kumanogou, Atsushi	Pediatric Surgery	Director (Prof.) Shimazu, Kenzo
Hematology and Oncology	Director (Prof.) Hosen, Naoki	Department of Diagnostic Pathology	Director (Prof.) Okuyama, Hiroomi
Geriatrics and Hypertension	Director (Prof.) Rakugi, Hiromi		Director (Prof.) Morii, Eiichi
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.)	Fujimoto, Manabu
Ophthalmology	Director (Prof.)	Nishida, Kohji
Otorhinolaryngology - Head and Neck Surgery	Director (Prof.)	Inohara, Hidenori
Orthopaedic Surgery	Director (Prof.)	Okada, Seiji
Dermatology	Director (Prof.)	Fujimoto, Manabu
Plastic Surgery	Director (Prof.)	Kubo, Tateki
Rehabilitation Medicine	Director (Prof.)	Okada, Seiji
Department of Clinical Neuroscience	Chairman (Prof.)	Kishima, Haruhiko
Neurology and Cerebrovascular Diseases	Director (Prof.)	Mochizuki, Hideki
Neuropsychiatry	Director (Prof.)	Ikeda, Manabu
Neurosurgery	Director (Prof.)	Kishima, Haruhiko
Anesthesiology	Director (Prof.)	Fujino, Yuji
Department of Woman, Child Health and Urology	Chairman (Prof.)	Ohzono, Keiichi
Obstetrics	Director (Prof.)	Kimura, Tadashi
Gynecology	Director (Prof.)	Kimura, Tadashi
Pediatrics	Director (Prof.)	Ohzono, 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 (Assis. Prof.)	Katou, Hiroki

Central Clinical Facilities

Management Section	Director	Director
Sterile Supply	Director (Prof.)	Takashina, Masaki
Pathology	Director (Prof.)	Morii, Eiichi
Blood Transfusion	Director (Assis. Prof.)	Kashiwagi, Hirokazu
Medical Informatics	Director (Assis. Prof.)	Takeda, Toshihiro
Infection Control and Prevention	Director (Prof.)	Rakugi, Hiromi
Department of Clinical Quality Management	Director (Special Prof. Full-time)	Nakamura, Kyota
Department of Clinical Engineering	Director (Prof.)	Takashina, Masaki
Social Service Department	Director (Prof.)	Rakugi, Hiromi
Department of Transplantation Medicine	Director (Special Prof. Full-time)	Ueno, Takehisa
Division of Nutritional Management	Director (Prof.)	Shimomura, Iichiro
Supply Center	Director (Prof.)	Takashina, Masaki
Postgraduate Medical Training Center	Director (Prof.)	Watabe, Kenji
Nursing Career Center	Director	Iwasaki, Tomoyuki
Department of Evaluation for Highly Advanced Medical Technology	Director (Prof.)	Shintani, Yasushi
Department of Clinical Evaluation for Newly Developed Pharmaceuticals	Director (Prof.)	Takehara, Tetsuo
AI Medical Center	Director (Prof.)	Nishida, Kohji
Clinical Cryopreservation Center	Director (Prof.)	Kimura, Tadashi

Central Medical Treatment Section

Laboratory for Clinical Investigation	Director (Prof.)	Hidaka, Yoh
Surgical Center	Director (Special Prof. Full-time)	Minami, Masato
Clinic of Radiology	Director (Prof.)	Tomiyama, Noriyuki
Intensive Care Unit	Director (Prof.)	Fujino, Yuji
Rehabilitation	Director (Prof.)	Okada, Seiji
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.)	Ohzono, Keiichi
Trauma and Acute Critical Care Center	Director (Prof.)	Ogura, Hiroshi
Endoscopy Center	Director (Prof.)	Takehara, Tetsuo
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.)	Kishima, Haruhiko
Center for Reproductive Medicine	Director (Prof.)	Nonomura, Norio
Heart Center	Director (Prof.)	Sakata, Yasushi
Center for Pediatric Diseases	Director (Prof.)	Okuyama, Hiroomi
Oncology Center	Director (Prof.)	Eguchi, Hidetoshi
Respiratory Center	Director (Prof.)	Shintani, Yasushi
Epilepsy Center	Director (Prof.)	Kishima, Haruhiko
Center for Digestive System	Director (Prof.)	Takehara, Tetsuo
Interventional Radiology Center	Director (Assis. Prof.)	Higashihara, Hiroki
Center for Fetal Diagnosis and Treatment	Director (Prof.)	Okuyama, Hiroomi
Center for Intractable Diseases	Director (Prof.)	Ohzono, Keiichi
Center for Developmental Medicine and Child Psychiatry	Director (Prof.)	Ohzono, Keiichi
Center for Cancer Genomics and Personalized Medicine	Director (Prof.)	Nonomura, Norio
Diabetes Center	Director (Prof.)	Shimomura, Iichiro
Palliative and Supportive Care Center	Director (Prof.)	Eguchi, Hidetoshi
Intestinal Care & Rehabilitation Center	Director (Prof.)	Okuyama, Hiroomi

Department of Pharmacy	Director (Prof.)	Okuda, Masahiro
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Department of Nursing	Director	Iwasaki, Tomoyuki
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Department of Medical Technology	Director	Maeda, Ikuhiro
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Department of Medical Innovation	Director (Prof.)	Sakata, Yasushi
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	Vice Director (Prof.)	Hosen, Naoki
Medical Center for Translational and Clinical Research	Director (Prof.)	Myoui, Akira
Academic Clinical Research Center	Director (Prof.)	Yamamoto, Yoichi
Data Coordinating Center	Director (Special Prof. Full-time)	Yamada, Tomomi
Center for Global Health	Director (Prof.)	Nakata, Ken

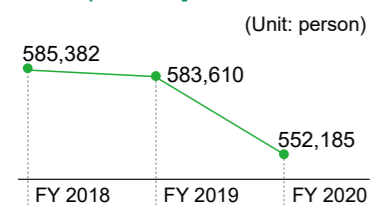
Administration Department	Director	Yamagoshi, Toshiaki
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General Affairs Division	Head	Wakimoto, Naohiko
Disaster Management Office	Head	Wakimoto, Naohiko
Management Division	Head	Shimizu, Takayuki
Education and Research Support Division	Head	Miyoshi, Yumi
Medical Affairs Division	Head	Iwatani, Yoshikazu
Patient Amenities and Services Promotion Office	Head	Iwatani, Yoshikazu
Redevelopment Planning and Improvement Office	Head	Shimizu, Takayuki

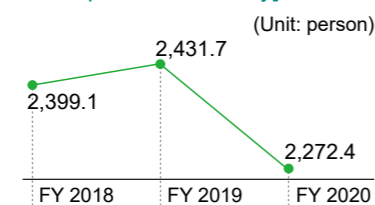
[Number of Outpatients by Department]

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	6,302	25.9	10.3
■ Cardiovascular Medicine	25,896	106.6	42.8
■ Nephrology	15,072	62.0	89.7
■ Gastroenterology and Hepatology	41,581	171.1	54.0
■ Metabolic Medicine	41,009	168.8	106.5
■ Respiratory Medicine	12,248	50.4	40.6
■ Clinical Immunology	19,858	81.7	45.1
■ Hematology and Oncology	17,307	71.2	79.4
■ Geriatrics and Hypertension	12,577	51.8	50.9
■ Cardiovascular Surgery	10,147	41.8	36.4
■ General Thoracic Surgery	6,822	28.1	32.6
■ Gastroenterological Surgery	29,527	121.5	38.4
■ Breast and Endocrine Surgery	15,163	62.4	35.7
■ Pediatric Surgery	5,658	23.3	23.7
■ Ophthalmology	55,878	230.0	17.1
■ Otorhinolaryngology-Head and Neck Surgery	25,435	104.7	23.2
■ Orthopaedic Surgery	26,794	110.3	20.6
■ Dermatology	20,191	83.1	20.5
■ Plastic Surgery	7,776	32.0	22.8
■ Neurology and Cerebrovascular Diseases	18,746	77.1	33.8
■ Neuropsychiatry	18,955	78.0	39.5
■ Neurosurgery	14,325	59.0	20.2
■ Anesthesiology	10,892	44.8	49.1
■ Obstetrics and Gynecology	28,163	115.9	14.6
■ Pediatrics	22,126	91.1	29.3
■ Urology	20,377	83.9	37.2
■ Diagnostic and Interventional Radiology			
■ Radiotherapy	17,168	70.7	141.9
■ Nuclear Medicine			
■ Trauma and Acute Critical Care Center	1,492	6.1	26.2
■ Unit for Dentistry	4,700	19.3	3.6
Total	552,185	2,272.4	28.6

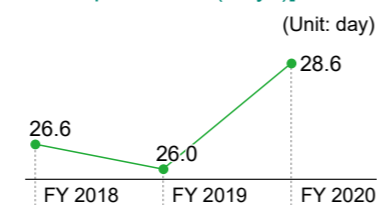
[Changes in the Total Number of Outpatients]



[Changes in the Average Number of Outpatients Per Day]



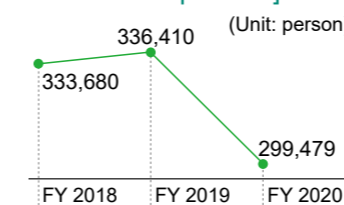
[Changes in the Average Number of Hospital Visits (Days)]



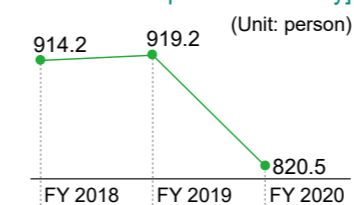
[Number of Inpatients by Ward Floor]

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)	14,227	39.0	14.1	78.0	13	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Otorhinolaryngology-Head and Neck Surgery)	14,721	40.3	16.6	79.1
12	■ Department of Woman, Child Health and Urology (Urology)	14,143	38.7	13.3	80.7	12	■ Department of Medicine (Metabolic Medicine / Clinical Immunology)	14,632	40.1	14.7	75.6
11	■ Department of Surgery (Gastroenterological Surgery)	14,834	40.6	15.1	81.3	11	■ Department of Medicine (Gastroenterology and Hepatology)	15,400	42.2	11.2	84.4
10	■ Department of Surgery (Gastroenterological Surgery)	15,081	41.3	14.1	78.0	10	■ Department of Medicine (Hematology and Oncology)	13,724	37.6	29.2	76.7
9	■ Department of Surgery (Cardiovascular Surgery)	15,572	42.7	14.6	87.1	9	■ Department of Medicine (Cardiovascular Medicine)	15,789	43.3	15.3	86.5
8	■ Department of Surgery (Breast and Endocrine Surgery) ■ Department of Sensory, Cutaneous and Motor Organ Medicine (Dermatology/Plastic Surgery)	15,287	41.9	10.5	83.8	8	■ Department of Clinical Neuroscience (Neurology and Cerebrovascular Diseases) ■ Department of Medicine (Geriatrics and Hypertension)	14,619	40.1	12.7	80.1
7	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Ophthalmology)	16,611	45.5	6.7	85.9	7	■ Department of Medicine (Respiratory Medicine) ■ Department of Surgery (General Thoracic Surgery)	14,876	40.8	12.4	83.2
6	■ Department of Surgery (Pediatric Surgery)	9,677	26.5	8.8	66.3	6	■ Department of Woman, Child Health and Urology (Pediatrics)	11,742	32.2	11.7	67.0
5	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Orthopaedic Surgery)	13,625	37.3	17.8	73.2	5	■ Department of Woman, Child Health and Urology (Obstetrics and Gynecology)	14,311	39.2	8.2	78.4
4	■ Intensive Care Unit	1,782	4.9	13.2	54.3	4	■ Intensive Care Unit	5,308	14.5	5.1	72.7
3	■ Center for Maternal, Fetal and Neonatal Medicine	12,425	34.0	7.5	89.6	3	■ Department of Medicine (Nephrology/Metabolic Medicine) ■ Department of Radiology ■ Clinical Neuroscience (Anesthesiology)	6,193	17.0	8.3	39.5
						2	■ Department of Clinical Neuroscience (Neuropsychiatry)	9,824	26.9	32.3	51.8
						1	■ Trauma and Acute Critical Care Center	5,076	13.9	4.9	69.5
Total		299,479		820.5						13.7	76.3

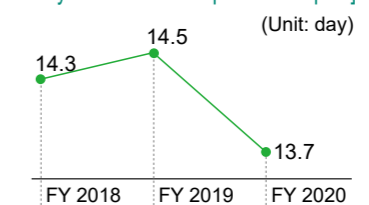
[Changes to the Total Number of Inpatients]



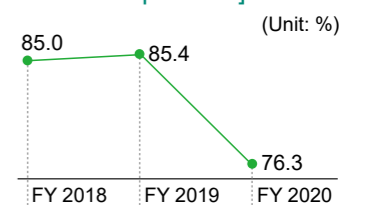
[Changes to the Average Number of Inpatients Per Day]



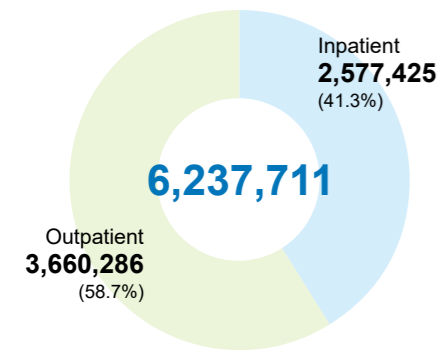
[Changes to the Average Number of Days that Patients Spent in Hospital]



[Changes to the Rate of Sickbed Operation]



[Number of Clinical Tests] (Unit: case)



[Number of Surgeries] (Unit: case)

■ Cardiovascular Medicine	65
■ Cardiovascular Surgery	1,367
■ General Thoracic Surgery	355
■ Gastroenterological Surgery	747
■ Breast and Endocrine Surgery	335
■ Pediatric Surgery	442
■ Ophthalmology	3,395
■ Otorhinolaryngology-Head and Neck Surgery	613
■ Orthopaedic Surgery	646
■ Dermatology	178
■ Plastic Surgery	464
■ Neuropsychiatry	165
■ Neurosurgery	457
■ Anesthesiology	89
■ Obstetrics and Gynecology	845
■ Urology	517
■ Trauma and Acute Critical Care Center	51
■ Bone Marrow Harvesting (Hematology and Oncology, and Intensive Care Unit)	5
■ Other (Gastroenterology and Hepatology, Pediatrics, Nephrology, Intensive Care Unit, Hematology and Oncology, and Radiotherapy)	129
Total	10,865

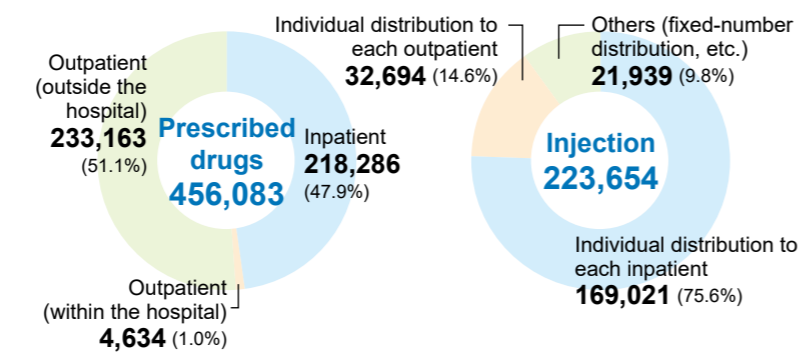
[Number of Patients Who Received Imaging Examination] (Unit: person)

Description	Number of Inpatient	Number of Outpatients	Total
■ General Imaging	60,542	52,291	112,833
■ Special Imaging	23,935	28,155	52,090
■ Nuclear Medical Test	1,172	4,055	5,227
Total	85,649	84,501	170,150

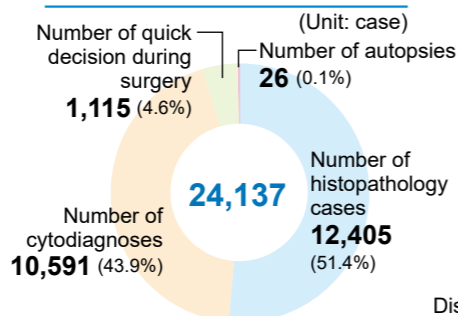
[Number of Blood Transfusion Tests] (Unit: case)

■ Blood Test ABO, Rh ₀ (D)	19,553
■ Other Blood Types (including Rh Cc Ee)	72
■ Test for Irregular Antibodies (Screening Test)	15,466
■ Crossmatching Test	12,250
■ Antiplatelet Antibody Test	212
■ Cold Agglutination	98
■ Direct Coombs Test	237
■ Indirect Coombs Test	171
Total	48,059

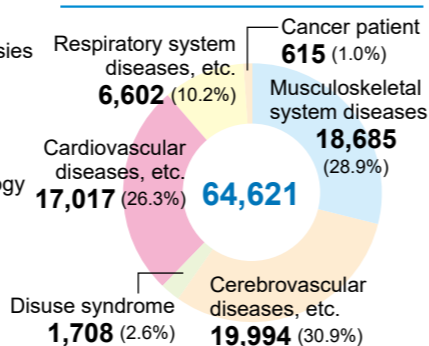
[Number of Prescriptions (Forms)] (Unit: sheet)



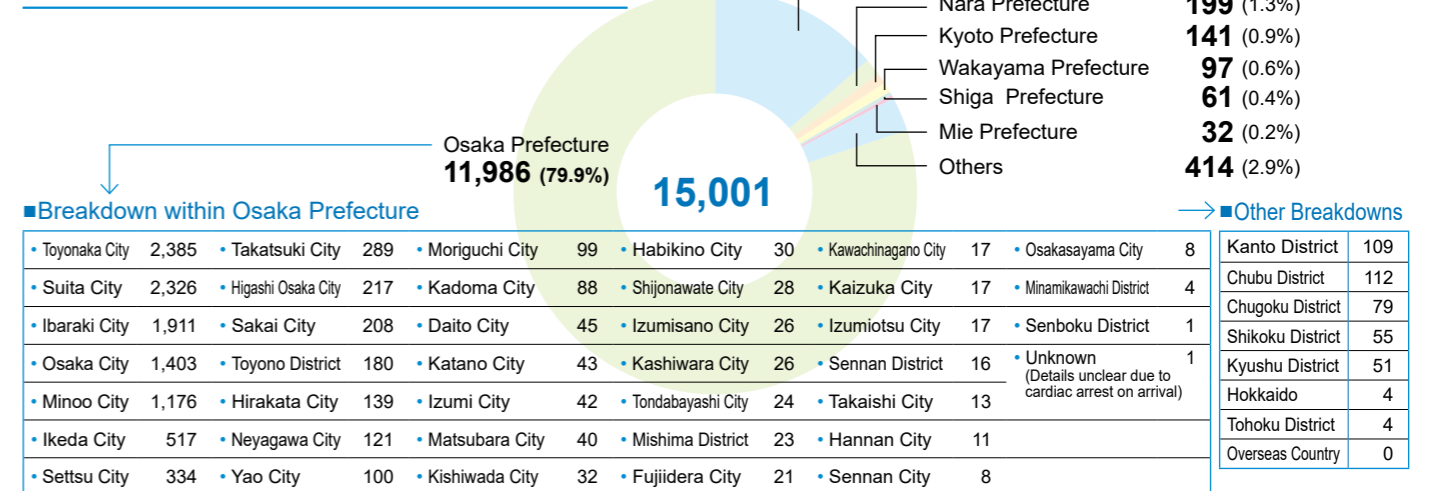
[Number of Work Related to Pathological Diagnoses] (Unit: case)



[Rehabilitation Treatments] (Unit: case)



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



[Number of Clinical Trials] (Unit: case)

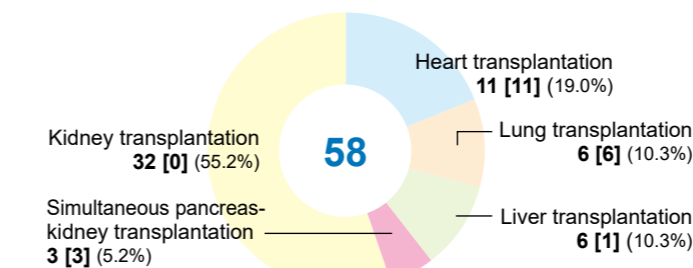
	New	Continued	Sub Total	Total Number of Clinical Trials	Total Number of Cases
■ Pharmaceuticals	73	201	274	274	1,130
■ Medical Equipment	9	20	29	29	370
Grand Total	*303	*1,500			

* Includes 375 medical cases, 30 physician-led drug trials
* Medical equipment includes 10 clinical trials of regenerative medicine products and 40 cases

[Number of Transplants] (Unit: case)

1) Number of Organ Transplant Cases

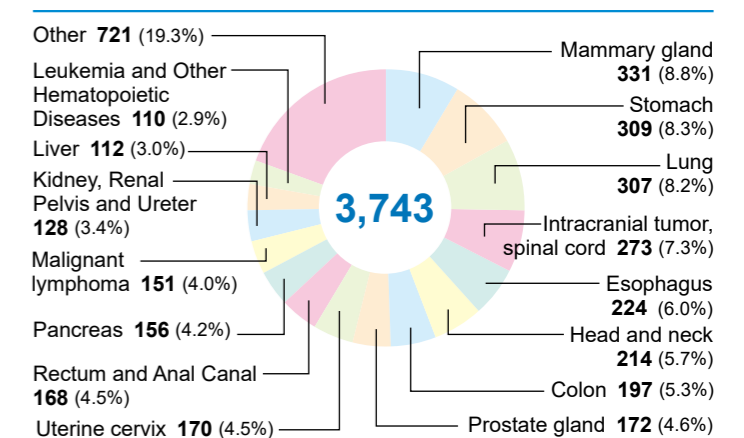
* The figure in [] indicates the number of organ transplant cases in which brain death/cardiac arrest occurred



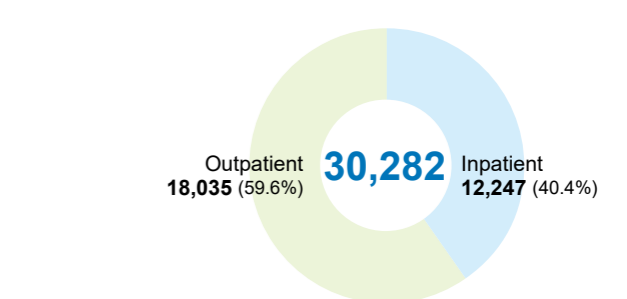
2) Number of Hematopoietic Stem Cell Transplant Cases

Description	Adult	Child
■ Transplantation Between Blood Relatives	9	2
■ Transplantation Between Non-blood Relatives	18	2
• Bone marrow donor registry	15	1
• Umbilical cord blood	3	1
■ Autologous transplant	13	0
Total	40	4

[Number of Registered Cancer Cases within Our Hospital] * FY2019 diagnoses (Unit: cases)



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



[Number of Cases in Which Doctor Helicopter was Dispatched]... 106

[Number of Childbirth Cases] 688

[Number of Blood Purification Therapies Performed] 4,321

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 core hospital
- **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 Core 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 Research Core Hospital under medical law
- Cancer Genome Core Hospital
- **Osaka Prefecture Intractable Diseases Collaborative Core Hospital**
- Accredited Medical Institution for International Patients
- Pediatric Cancer Collaborative Hospital
- **Osaka Prefecture Children's Cancer Base Hospital**
- Osaka Cancer Care District Liaison Hospital (Advanced Type)
- **Osaka Prefecture Epilepsy Treatment Base Institution**
- **Osaka Prefecture Base Accredited Medical Institution for International Patients**
- **Osaka Prefecture Medical Institution for Fertility Preservation of Cancer 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
- 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.))
- 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.)
- 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.)
- Postoperative oral administration of aspirin as therapy
Colon cancer excluding lower rectum (Stage III, limited to full resection as judged by macroscopic observation and pathological standpoint.)

[Income and Expenditure] (FY 2020) * Excluding facilities expenses and external funds, such as from contract research

Income (Unit: 1000 yen)

Description	Amount
Operating Expenses Subsidies	3,926,071
Medical Practice	39,563,832
Other income	4,927,802
Total	48,417,705

Expense (Unit: 1000 yen)

Description	Amount
Personnel Expenses	17,179,207
Medical Bills	19,373,989
Debt Redemption Expenses	1,103,208
Operating Expenses	9,476,090
Redevelopment fund	1,157,211
Repayment of debt	128,000
Total	48,417,705

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

External Funding Income (Unit: 1000 yen)

Description	Amount	
Funded Research	Contract Research	351,065
	Clinical Trial	807,918
	Joint Research	82,892
Contract Project	Contracted Intern	9,050
	Hospital Trainee	1,008
	Others	9,906
	Joint Venture	14,400
Contributions	127,475	
Other Subsidies	4,052,019	
Total	5,455,733	

Facilities Expenses (Unit: 1000 yen)

Description	Amount
Facility Maintenance	23,597
Redevelopment Project	
Total	23,597

[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 2020)

- New TR ideas support projects: 36
- Number of newly permitted clinical research projects: 6 (including 4 investigator-initiated clinic trials)

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.

Infrastructure development for international patient support

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

Outbound

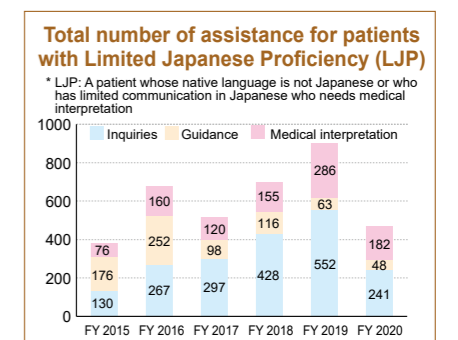
- Deployment of Japanese pharmaceutical products and medical equipment to the world market
- Promotion of international joint clinical trials and research
- Overseas expansion of Japanese medical systems

International medical education and research

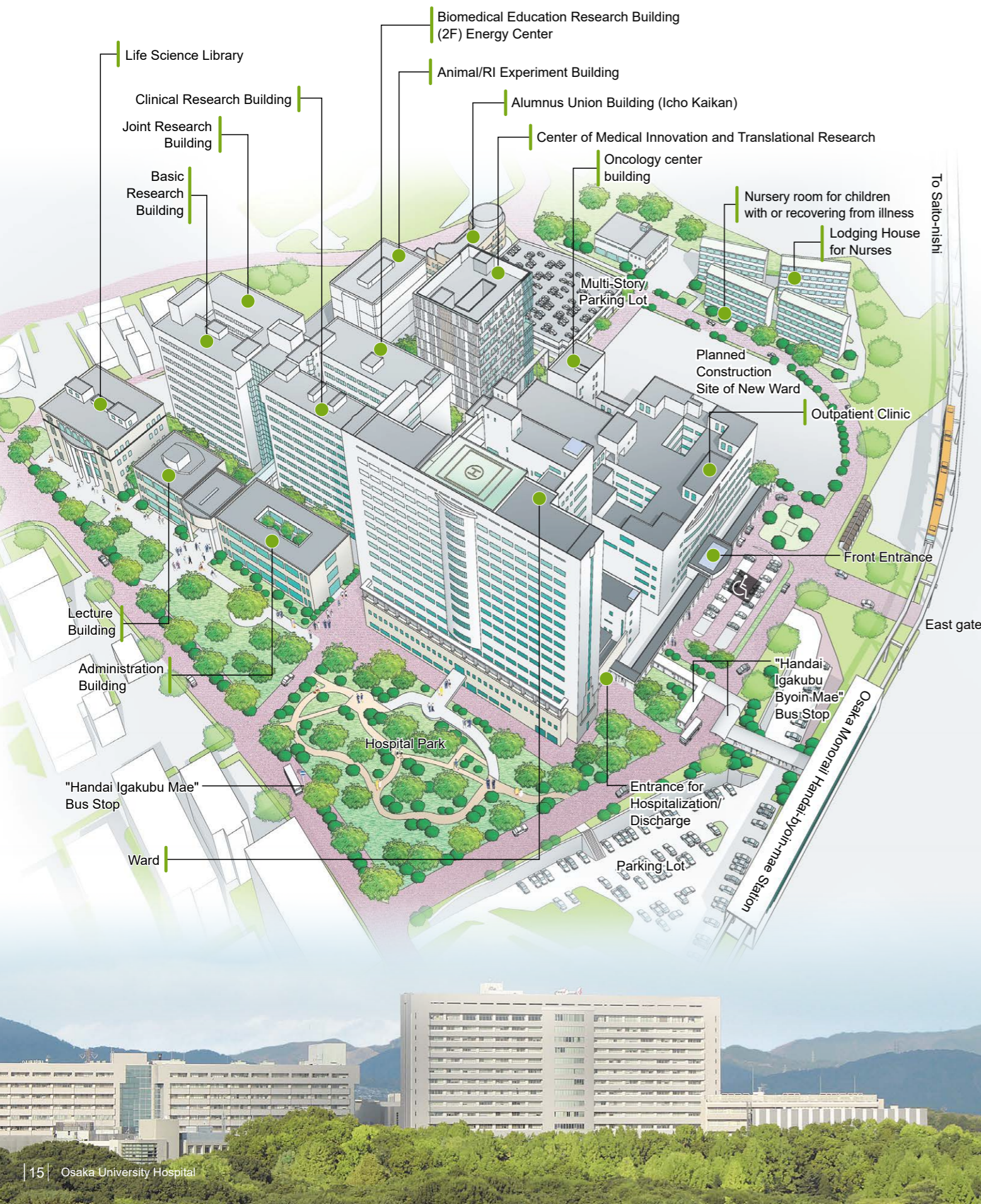
- Promotion of International Medical Education and Research in cooperation with the internal and external research and education facilities of Osaka University

International functional evaluation

- Preparation for Joint Commission International (JCI) examination.
- Inspected and re-certified for Japan Medical Service Accreditation for International Patients (JMIP). (Updated March 2019)
- Recommended by Japan International Hospitals (JIH). (Updated September 2019)
- Selected as an Osaka Prefecture Base Accredited Medical Institution for International Patients. (October 2019)



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		Otorhinolaryngology-Head and Neck Surgery	51 beds
13th Floor	Neurosurgery, Neurology and Cerebrovascular Diseases	50 beds	Metabolic Medicine, Clinical Immunology and Hepatology	53 beds
12th Floor	Urology	48 beds	[Center for Digestive System] Gastroenterology and Hepatology	50 beds
11th Floor	[Center for Digestive System] Gastroenterological Surgery	50 beds	Hematology and Oncology	49 beds
10th Floor	[Center for Digestive System] Gastroenterological Surgery	53 beds	[Heart Center] Cardiovascular Medicine, CCU	50 beds
9th Floor	[Heart Center] Cardiovascular Surgery, CVCU	49 beds	Neurology and Cerebrovascular Diseases, Geriatrics and Hypertension, General Medicine	50 beds
8th Floor	Breast and Endocrine Surgery, Dermatology, Plastic Surgery, Cardiovascular Surgery	50 beds	[Respiratory Center] Respiratory Medicine, General Thoracic Surgery	49 beds
7th Floor	Ophthalmology	53 beds	[Center for Pediatric Disease] Pediatrics	48 beds
6th Floor	[Center for Pediatric Diseases] Pediatric Surgery	40 beds	Obstetrics and Gynecology	50 beds
5th Floor	Orthopaedic Surgery	51 beds	Intensive Care Unit (ICU)	20 beds
4th Floor	Intensive Care Unit (ICU)	9 beds	Nephrology, Diagnostic and Interventional Radiology, Radiotherapy, Anesthesiology, Metabolic Medicine, Trauma and Acute Critical Care Center Back Bed	43 beds
3rd Floor	[Center for Maternal, Fetal and Neonatal Medicine] Perinatal hospital beds, MFICU, NICU, GCU	38 beds	Neuropsychiatry	52 beds
2nd Floor	Department of Nursing, Blood Purification Center		Trauma and Acute Critical Care Center	
1st Floor	Rehabilitation, Post Office, FamilyMart, Public Cafeteria, Barber Shop, Beauty Salon, Specialty Book Store, etc.		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, 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), Cell Processing Center (CPC)
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 Research Consultation Counter, Consultation Room 1 (Group explanation of hospitalization), Inpatient Support Room
2nd Floor	Laboratory for Clinical Investigation, Endoscopy Center	Internal Medicine (2nd floor) West, Internal Medicine (2nd floor) East, Clinic for Diabetes Care and Nursing, Anesthesiology, Pediatrics, Pediatric Surgery, Neurosurgery	Nursing Mothers Room
1st Floor	Department of Radiology, Social Service Department	Ophthalmology, Orthopaedic Surgery, Rehabilitation Medicine, Internal Medicine (1st floor)-General Medicine, Smoking Cessation Clinic, Kampo Clinic, Clinical Trial Clinic, Clinic for Complementary Medicine, Outpatient International Medical Care, Infection Control and Prevention, Second Opinion Outpatient Clinic	General Information Center, Outpatient Reception Counter, Appointments Center, ATM, Medical Certificate Reception, Drug and Home Care Materials Counter, External Prescription FAX Corner, Patient Consultation Room, Nutrition Consultation Room, Medical Affairs Division Office, Coin Lockers
Basement Level 1	Department of Radiology, Department of Genetic Counseling, Radiotherapy	Radiotherapy, Diagnostic and Interventional Radiology, Nuclear Medicine	Unit of Dentistry, Medical Records, After-hours Pharmacy Counter

[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 and Support Center Department of Pharmacy (Oncology Center Room)
3rd Floor	Chemotherapy Room
2nd Floor	Chemotherapy Room
1st Floor	Reception, Consultation Room, Blood Collection and Testing Room
LOBBY	Staff Area, Equipment Room

[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.

2020 Fiscal Year (April 2020 to March 2021) Events

Topics

Topic 1

Opening of the Intestinal Care & Rehabilitation Center

Our Intestinal Care & Rehabilitation Center opened on April 1, 2020. Intestinal failure means that the function of the intestines, to absorb nutrients and water, is impaired by congenital or acquired conditions, necessitating regular intravenous feeding and hydration. The most common causes are short gut syndrome and bowel motility disorder, and the condition may be congenital or acquired. Intestinal failure is one of the intractable diseases subject to medical expense support in Japan. In Europe and North America, intestinal failure treatment teams are established in foundation hospitals, to gather relevant patients and provide them with specialist treatment (intestinal rehabilitation). In Japan,

however, the treatment of intestinal failure patients is commonly centered on individual doctors or single departments. No hospitals had departments able to receive wide ranges of patients and provide them with multi-disciplinary care, extending from home medical care to small intestine transplants. Responding to that situation, our hospital has established our own Intestinal Care & Rehabilitation Center as a hub for the treatment of intestinal failure in Japan, and built a multi-disciplinary team-based medical care system to deliver more comprehensive, specialized, and long-term treatment. We now treat 50 or more intestinal failure patients annually, providing active multi-disciplinary support for order-made treatment tailored to individual conditions. In fiscal 2020, despite the COVID-19 pandemic, we received consultations from around 20 new patients and worked on diagnosis and treatment.



Topic 2

Opening of the Clinical Cryopreservation Center

We founded our Clinical Cryopreservation Center on September 1, 2020, with the following three objectives: (1) long-term preservation of iPS cells and other cells administered to patients for regenerative medicine, in case of side effects; (2) preservation and management of cells processed for administration to patients; (3) long-term preservation of frozen embryos, ova, sperm, and ovarian tissues taken for assisted reproductive technologies, or from patients who are expected to lose gonadal function due to cancer or other causes, until they become capable of pregnancy in the future (oncofertility, etc.). Until now, each department was responsible for preservation of its own materials in connection with advanced medical techniques involving research aspects. The “long-term preservation” referred to here means 10–20 years, which exceeds the period of mandatory retention of medical records (five years), surpassing what has been standard practice in the medical community. We established the Clinical Cryopreservation Center to meet these needs with a stable hospital-wide system that goes beyond the single departments and courses of the Graduate School of Medicine concerned.

After the opening of our Integrated Medical Care Building, scheduled for 2025, we will establish a Biobank Room within the building to provide centralized management of frozen cells. Until that time, the Center will be housed and operate within the Future Medical Development Department of the Graduate School of Medicine and the Center for Reproductive Medicine.



● Tadashi Kimura, Director

● Liquid nitrogen tank managed by dedicated technician



[Entrance Hall]



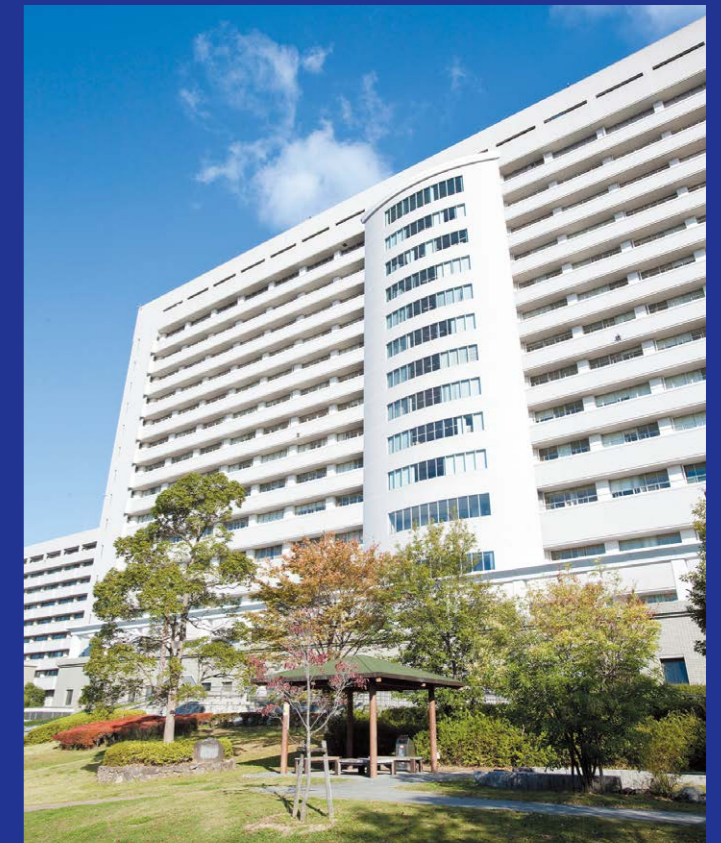
[Open Terrace]



[Cancer Consultation and Support Room]



[Front Entrance]



[Appearance of Ward]

Osaka University Hospital through Photographs



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



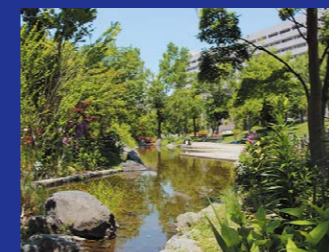
[Blood Purification Center]



[Air Ambulance]



[Center for Pediatric Diseases]



[Hospital Park]



[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 Research Consultation Counter]