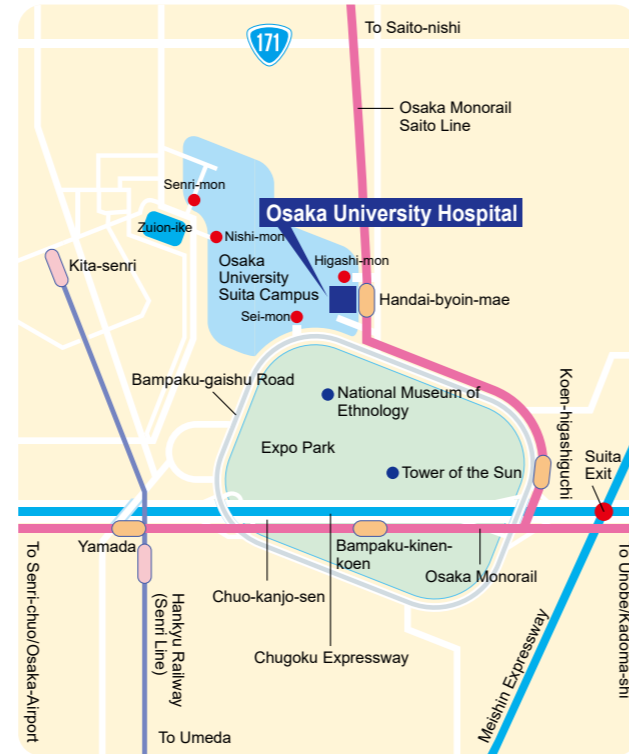


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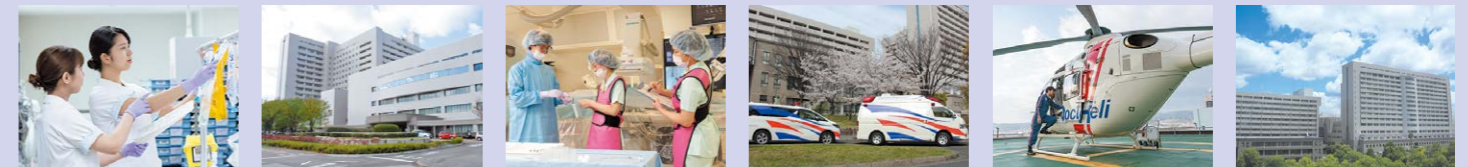


- Osaka Monorail, Saito Line: Get off at **Handai-byoin-mae**
- JR Tokaido Main Line (Kyoto Line): From JR Ibaraki Station, take the Kintetsu Bus for Handai honbu-mae and get off at **Handai-igakubu-byoin-mae**
- Hankyu Railway Kyoto Line: From Hankyu Ibaraki-shi Station, take the Kintetsu Bus for Handai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



Osaka University Hospital Outline

2022



Live Locally, Grow Globally





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

Recognized in April 2022 as meeting the latest standards (3rdG:Ver. 2.0) by the Japan Council for Quality Health Care.



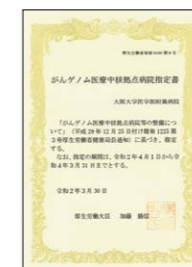
Accreditation for clinical research core hospital

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

Recertified 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, while continuously developing a practical training package that helps staff to provide treatment safely.



[Research] Development and practice of future medical care

- We use the functions of the University Hospital, which is a point of contact with society, to develop and introduce advanced medical treatments.
- 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 work to advance cancer genomics.

[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 global health research 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 Tennojiku, Uehonmachi in Osaka city), taking up the proposal by Tatewaki Komatsu, Shojiro Goto.

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

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

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

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

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



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

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

1893 Mar. Opened Osaka Medical School Midwife Training Center.

1898 Apr. Osaka Medical School Nursing Center was established.

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

1915 Oct. Renamed Osaka Prefectural Medical College.

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

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



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



1939 Jan. The East building was added.

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

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

1947 Oct. Osaka Imperial University was renamed Osaka University.

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

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

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

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

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

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

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

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

Dec. The second stage of hospital reconstruction is completed.

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

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

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

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

1971 Mar. The school lunch building is completed.

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



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

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



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).

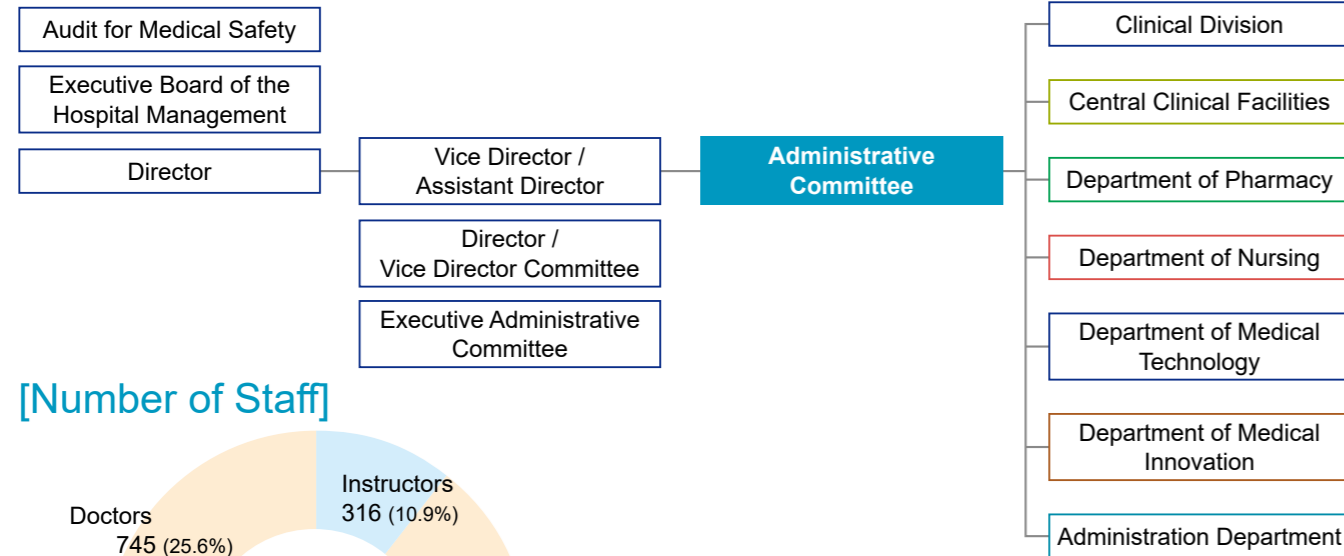
Nov. Designated as a Pediatric Cancer Collaborative Hospital.

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

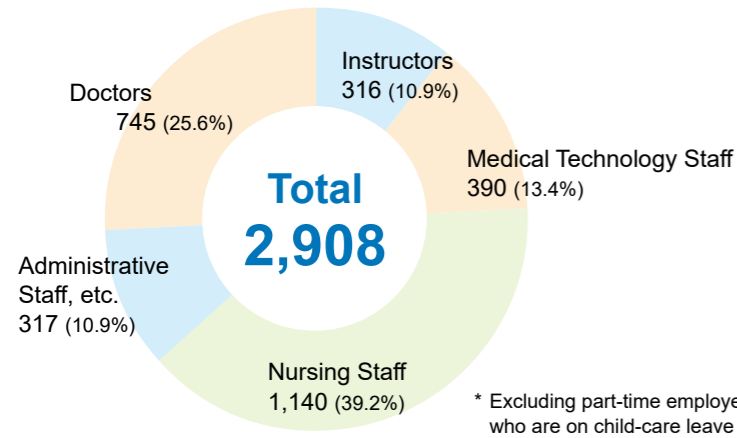
Aug. Designated as an Osaka Prefecture Key Medical Institution for the treatment of COVID-19.

2021 Oct. Improved triage facilities for infectious diseases.

[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. Takehara, Tetsuo	(Pediatric Medical Care, Perinatal Care and Redevelopment) Prof. Kimura, Tadashi
Head of Hospital Personnel and Labor Affairs Office (Personnel and Medical Safety) Prof. Sakata, Yasushi	(Research and Core Clinical Research Hospital) Prof. Eguchi, Hidetoshi
Head of Hospital Management Planning Office (Finance and Cancer Treatment) Prof. Nonomura, Norio	(Central Clinical Facilities) Prof. Ogawa, Kazuhiko
Head of Hospital Planning Promotion Office (Education and Organization of Medical Treatment) Prof. Fujino, Yuji	(Public Relations, Medium-Term Goals and Planning) Prof. Isaka, Yoshitaka
Head of Hospital Patient Services Planning Office (Hospitality) Director of nursing Iwasaki, Tomoyuki	(Medical Informatics, Regional Medical Services and External Evaluation) Prof. Takeda, Toshihiro
	(Emergency Medical Care) Prof. Oda, Jun
	(Women's Support and Diversity) Prof. Nakajima, Kazue
	(Administration and Organizational Reform) Director Yamagoshi, Toshiaki

Clinical Division

Department of Medicine	Chairman (Prof.)	Department of Surgery	Chairman (Prof.)
Cardiovascular Medicine	Director (Prof.) Sakata, Yasushi	Cardiovascular Surgery	Director (Prof.) Shintani, Yasushi
Nephrology	Director (Prof.) Isaka, Yoshitaka	General Thoracic Surgery	Director (Prof.) Miyagawa, Shigeru
Gastroenterology and Hepatology	Director (Prof.) Takehara, Tetsuo	Gastroenterological Surgery	Director (Prof.) Shintani, Yasushi
Metabolic Medicine	Director (Prof.) Shimomura, Ichihiro	Gastroenterological Surgery	Director (Prof.) Eguchi, Hidetoshi
Respiratory Medicine	Director (Prof.) Takeda, Yoshito	Gastroenterological Surgery	Director (Prof.) Doki, Yuichiro
Clinical Immunology	Director (Prof.) Kumanogou, Atsushi	Breast and Endocrine Surgery	Director (Prof.) Shimazu, Kenzo
Hematology and Oncology	Director (Prof.) Hosen, Naoki	Pediatric Surgery	Director (Prof.) Okuyama, Hiroomi
Geriatrics and Hypertension	Director (Prof.) Rakugi, Hiromi	Department of Diagnostic Pathology	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.) Okada, Seiji
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.) Mochizuki, Hideki
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.) Kimura, Tadashi
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		
Sterile Supply	Director (Prof.) Takashina, Masaki	
Pathology	Director (Prof.) Morii, Eiichi	
Blood Transfusion	Director (Prof.) Kashiwagi, Hirokazu	
Medical Informatics	Director (Prof.) Takeda, Toshihiro	
Infection Control and Prevention	Director (Prof.) Kutsuna, Satoshi	
Department of Clinical Quality Management	Director (Prof.) Nakajima, Kazue	
Department of Clinical Engineering	Director (Prof.) Takashina, Masaki	
Department of Transplantation Medicine	Director (Special Prof. Full-time) Ueno, Takehisa	
Division of Nutritional Management	Director (Prof.) Shimomura, Ichihiro	
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.) Sakata, Yasushi	
AI Medical Center	Director (Prof.) Nishida, Kohji	
Clinical Cryopreservation Center	Director (Prof.) Kimura, Tadashi	
Patient Support Center	Director (Prof.) Rakugi, Hiromi	

Central Medical Treatment Section		
Laboratory for Clinical Investigation	Director (Prof.) Hidaka, Yoh	
Surgical Center	Director (Prof.) Takashina, Masaki	
Clinic of Radiotherapy	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.) Kimura, Tadashi
Trauma and Acute Critical Care Center	Director (Prof.) Oda, Jun
Endoscopy Center	Director (Prof.) Doki, Yuichiro
Ultrasound Diagnostic Center	Director (Prof.) Sakata, Yasushi

Collaborative Medical Treatment Section		
Stroke Center	Director (Prof.) Mochizuki, Hideki	
The Center for the Prostate Disease	Director (Prof.) Nonomura, Norio	
Sleep Medical Center	Director (Prof.) Ikeda, Manabu	
Center for Pain Management	Director (Prof.) Kishima, Haruhiko	
Center for Reproductive Medicine	Director (Prof.) Nonomura, Norio	
Heart Center	Director (Prof.) Miyagawa, Shigeru	
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.) Eguchi, Hidetoshi	
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, Ichihiro	
Palliative and Supportive Care Center	Director (Prof.) Eguchi, Hidetoshi	
Intestinal Care & Rehabilitation Center	Director (Prof.) Okuyama, Hiroomi	
Swallowing Center	Director (Prof.) Inohara, Hidenori	

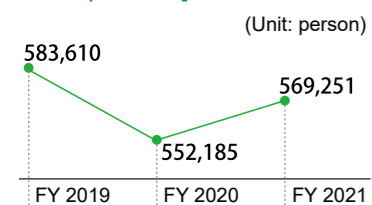
Department of Pharmacy	Director (Prof.) Okuda, Masahiro
Department of Nursing	Director Iwasaki, Tomoyuki
Department of Medical Technology	Director Fujino, Koichi
Department of Medical Innovation	Director (Prof.) Eguchi, Hidetoshi
	Vice Director (Prof.) Hosen, Naoki
	Director (Prof.) Takeda, Toshihiro
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		
General Affairs Division	Head Morita, Koji	
Disaster Management Office	Head Morita, Koji	
Management Division	Head Shimizu, Takayuki	
Education and Research Support Division	Head Miyoshi, Yumi	
Medical Affairs Division	Head Tokuno, Mitsuo	
Patient Amenities and Services Promotion Office	Head Tokuno, Mitsuo	
Redevelopment Planning and Improvement Office	Head Shimizu, Takayuki	

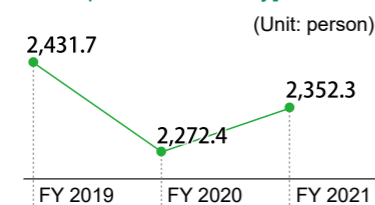
[Number of Outpatients by Department]

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	4,698	19.4	6.6
■ Cardiovascular Medicine	26,266	108.5	40.1
■ Nephrology	15,619	64.5	74.7
■ Gastroenterology and Hepatology	42,427	175.3	50.2
■ Metabolic Medicine	41,048	169.6	99.6
■ Respiratory Medicine	12,295	50.8	47.7
■ Clinical Immunology	20,452	84.5	47.2
■ Hematology and Oncology	18,799	77.7	71.5
■ Geriatrics and Hypertension	12,062	49.8	47.5
■ Cardiovascular Surgery	9,932	41.0	31.5
■ General Thoracic Surgery	7,419	30.7	34.8
■ Gastroenterological Surgery	29,121	120.3	36.6
■ Breast and Endocrine Surgery	15,727	65.0	33.0
■ Pediatric Surgery	5,835	24.1	24.6
■ Ophthalmology	60,367	249.5	15.6
■ Otorhinolaryngology-Head and Neck Surgery	27,122	112.1	22.4
■ Orthopaedic Surgery	27,642	114.2	21.1
■ Dermatology	22,524	93.1	22.9
■ Plastic Surgery	8,166	33.7	19.8
■ Neurology and Cerebrovascular Diseases	19,041	78.7	36.0
■ Neuropsychiatry	19,994	82.6	36.2
■ Neurosurgery	14,938	61.7	19.7
■ Anesthesiology	11,615	48.0	49.8
■ Obstetrics and Gynecology	28,984	119.8	14.3
■ Pediatrics	23,411	96.7	28.4
■ Urology	21,306	88.0	36.7
■ Diagnostic and Interventional Radiology			
■ Radiotherapy	16,758	69.3	126.0
■ Nuclear Medicine			
■ Trauma and Acute Critical Care Center	1,666	6.9	18.5
■ Unit for Dentistry	4,017	16.6	3.3
Total	569,251	2,352.3	27.3

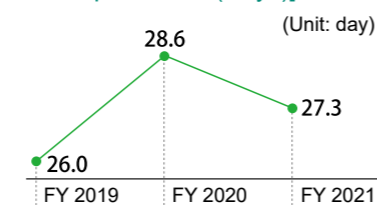
[Changes in the Total Number of Outpatients]



[Changes in the Average Number of Outpatients Per Day]



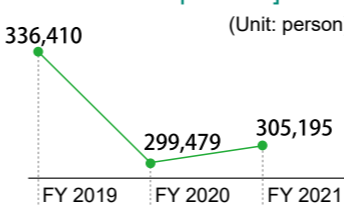
[Changes in the Average Number of Hospital Visits (Days)]



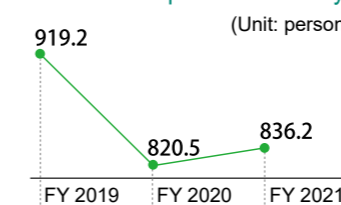
[Number of Inpatients by Ward Floor]

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)	14,165	38.8	13.9	77.6	13	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Otorhinolaryngology-Head and Neck Surgery)	15,668	42.9	15.9	84.2
12	■ Department of Woman, Child Health and Urology (Urology)	12,021	32.9	11.9	68.6	12	■ Department of Medicine (Metabolic Medicine / Clinical Immunology)	14,594	40.0	14.7	75.4
11	■ Department of Surgery (Gastroenterological Surgery)	15,571	42.7	15.1	85.3	11	■ Department of Medicine (Gastroenterology and Hepatology)	15,654	42.9	12.2	85.8
10	■ Department of Surgery (Gastroenterological Surgery)	16,466	45.1	15.3	85.1	10	■ Department of Medicine (Hematology and Oncology)	13,541	37.1	27.7	75.7
9	■ Department of Surgery (Cardiovascular Surgery)	15,426	42.3	12.2	86.3	9	■ Department of Medicine (Cardiovascular Medicine)	15,165	41.5	13.6	83.1
8	■ Department of Surgery (Breast and Endocrine Surgery) ■ Department of Sensory, Cutaneous and Motor Organ Medicine (Dermatology/Plastic Surgery)	14,885	40.8	9.9	81.6	8	■ Department of Clinical Neuroscience (Neurology and Cerebrovascular Diseases) ■ Department of Medicine (Geriatrics and Hypertension)	14,151	38.8	14.2	77.5
7	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Ophthalmology)	16,346	44.8	6.5	84.5	7	■ Department of Medicine (Respiratory Medicine) ■ Department of Surgery (General Thoracic Surgery)	14,498	39.7	12.4	81.1
6	■ Department of Surgery (Pediatric Surgery)	10,207	28.0	8.7	69.9	6	■ Department of Woman, Child Health and Urology (Pediatrics)	11,880	32.5	10.2	67.8
5	■ Department of Sensory, Cutaneous and Motor Organ Medicine (Orthopaedic Surgery)	14,501	39.7	18.9	77.9	5	■ Department of Woman, Child Health and Urology (Obstetrics and Gynecology)	14,965	41.0	7.7	82.0
4	■ Intensive Care Unit	2,644	7.2	10.6	80.5	4	■ Intensive Care Unit	5,786	15.9	5.6	79.3
3	■ Center for Maternal, Fetal and Neonatal Medicine	12,499	34.2	7.2	90.1	3	■ Department of Medicine (Nephrology/Metabolic Medicine) ■ Department of Radiology ■ Clinical Neuroscience (Anesthesiology)	9,689	26.5	10.5	61.7
						2	■ Department of Clinical Neuroscience (Neuropsychiatry)	9,636	26.4	33.4	50.8
						1	■ Trauma and Acute Critical Care Center	5,237	14.3	3.9	71.7
Total		305,195		836.2						13.3	77.7

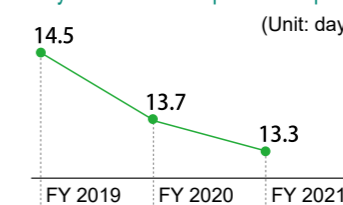
[Changes to the Total Number of Inpatients]



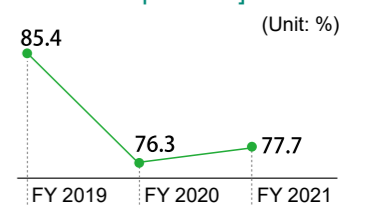
[Changes to the Average Number of Inpatients Per Day]



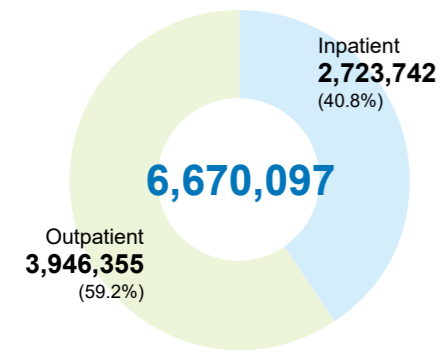
[Changes to the Average Number of Days that Patients Spent in Hospital]



[Changes to the Rate of Sickbed Operation]



[Number of Clinical Tests] (Unit: case)



[Number of Surgeries] (Unit: case)

■ Cardiovascular Medicine	90
■ Cardiovascular Surgery	1,261
■ General Thoracic Surgery	331
■ Gastroenterological Surgery	807
■ Breast and Endocrine Surgery	376
■ Pediatric Surgery	408
■ Ophthalmology	3,661
■ Otorhinolaryngology-Head and Neck Surgery	665
■ Orthopaedic Surgery	723
■ Dermatology	211
■ Plastic Surgery	491
■ Neuropsychiatry	133
■ Neurosurgery	475
■ Anesthesiology	81
■ Obstetrics and Gynecology	829
■ Urology	514
■ Trauma and Acute Critical Care Center	62
■ Bone Marrow Harvesting (Hematology and Oncology, and Intensive Care Unit)	8
■ Other (Gastroenterology and Hepatology, Pediatrics, Nephrology, Intensive Care Unit, Hematology and Oncology, and Radiotherapy)	108
Total	11,234

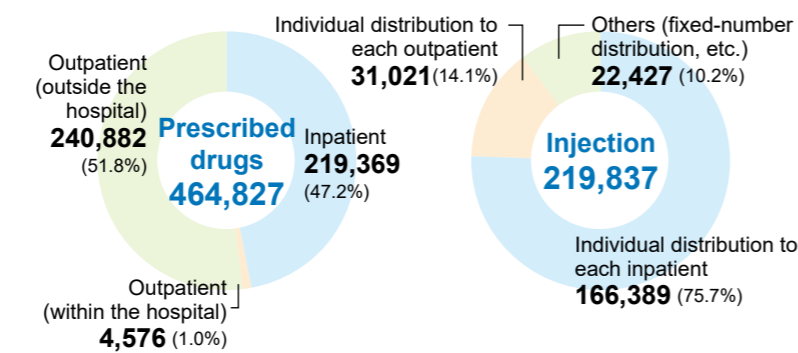
[Number of Patients Who Received Imaging Examination] (Unit: person)

Description	Number of Inpatient	Number of Outpatients	Total
■ General Imaging	67,904	55,657	123,561
■ Special Imaging	25,817	30,123	55,940
■ Nuclear Medical Test	1,083	4,380	5,463
Total	94,804	90,160	184,964

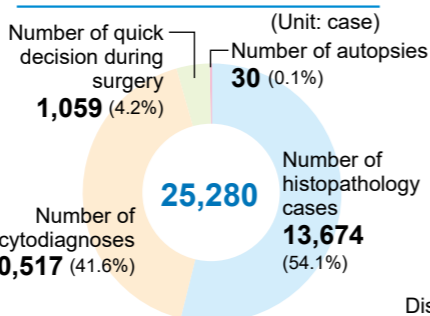
[Number of Blood Transfusion Tests] (Unit: case)

■ Blood Test ABO, Rh ₀ (D)	20,768
■ Other Blood Types (including Rh Cc Ee)	61
■ Test for Irregular Antibodies (Screening Test)	16,418
■ Crossmatching Test	11,638
■ Antiplatelet Antibody Test	231
■ Cold Agglutination	131
■ Direct Coombs Test	269
■ Indirect Coombs Test	188
Total	49,704

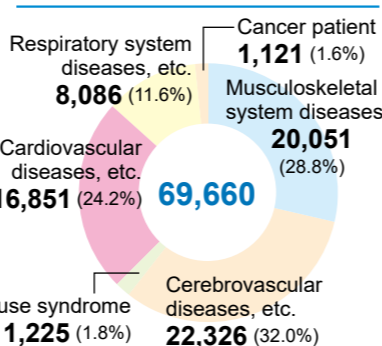
[Number of Prescriptions (Forms)] (Unit: sheet)



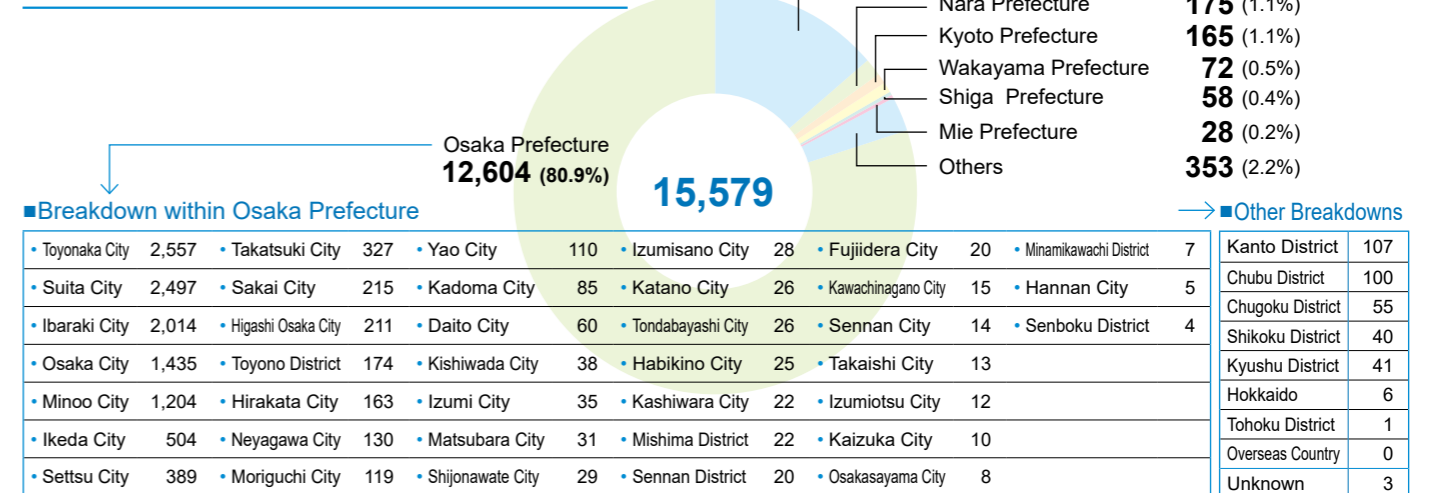
[Number of Work Related to Pathological Diagnoses] (Unit: case)



[Rehabilitation Treatments] (Unit: case)



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



[Number of Clinical Trials] (Unit: case)

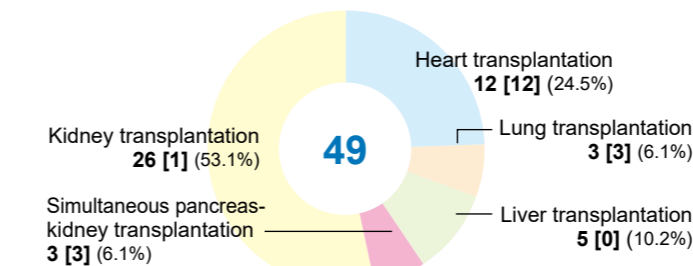
	New	Continued	Sub Total	Total Number of Clinical Trials	Total Number of Cases
■ Pharmaceuticals				65	166
				208	918
				273	1,084
■ Medical Equipment				5	17
				28	431
				33	448
Grand Total				*306	*1,532

* Includes 468 medical cases, 32 physician-led drug trials
* Medical equipment includes 11 clinical trials of regenerative medicine products and 29 cases

[Number of Transplants] (Unit: case)

1) Number of Organ Transplant Cases

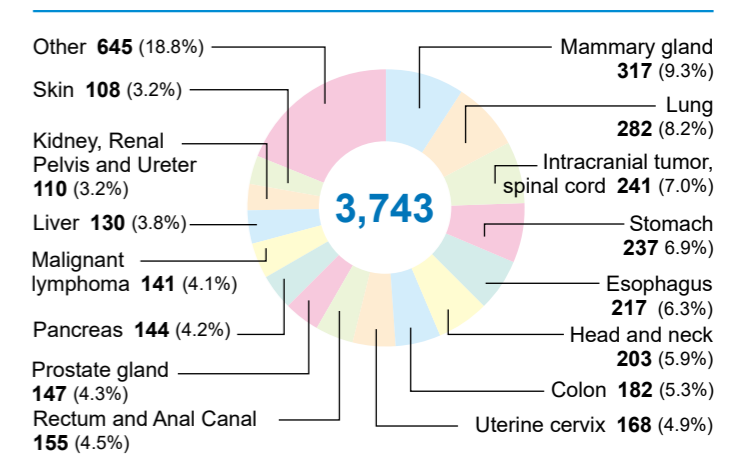
* The figure in [] indicates the number of organ transplant cases in which brain death/cardiac arrest occurred



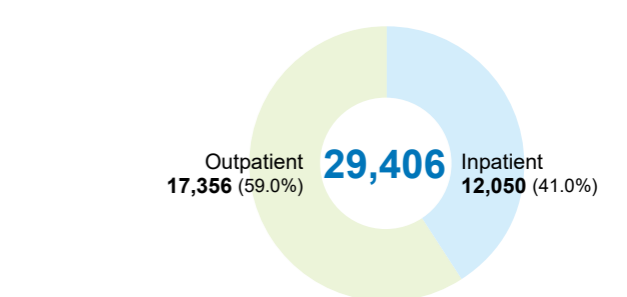
2) Number of Hematopoietic Stem Cell Transplant Cases

Description	Adult	Child
■ Transplantation Between Blood Relatives	7	2
■ Transplantation Between Non-blood Relatives	22	2
• Bone marrow donor registry	15	1
• Umbilical cord blood	7	1
■ Autologous transplant	23	2
Total	52	6

[Number of Registered Cancer Cases within Our Hospital] * FY2020 diagnoses (Unit: cases)



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



[Number of Cases in Which Doctor Helicopter was Dispatched]... 131

[Number of Childbirth Cases] 713

[Number of Blood Purification Therapies Performed] 4,119

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

- Fertilized egg and embryo culture by time lapse photography
- Endometrial receptivity test
- 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.))
- Temozolomide dose intensification therapy Glioblastoma (limited to those who had relapsed or exacerbated after the initial treatment at the initial stage.)
- 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 2021) * Excluding facilities expenses and external funds, such as from contract research

Income (Unit: 1000 yen)

Description	Amount
Operating Expenses Subsidies	3,882,677
Medical Practice	43,136,407
Other income	5,209,984
Total	52,229,068

Expense (Unit: 1000 yen)

Description	Amount
Personnel Expenses	17,606,093
Medical Bills	21,323,015
Debt Redemption Expenses	1,003,854
Operating Expenses	10,515,653
Redevelopment fund	1,280,453
Repayment of debt	500,000
Total	52,229,068

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

External Funding Income (Unit: 1000 yen)

Description	Amount	
Funded Research	Contract Research	495,874
	Clinical Trial	613,264
	Joint Research	129,714
Contract Project	Contracted Intern	16,416
	Hospital Trainee	103
	Others	9,385
	Joint Venture	14,400
Contributions	83,727	
Other Subsidies	3,564,749	
Total	4,927,632	

Facilities Expenses (Unit: 1000 yen)

Description	Amount	
Facility Maintenance	Redevelopment Project	1,350,445
Total	1,350,445	

[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 2021)

- New TR ideas support projects: 31
- Number of newly permitted clinical research projects: 4 (including 2 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 networks

Outbound

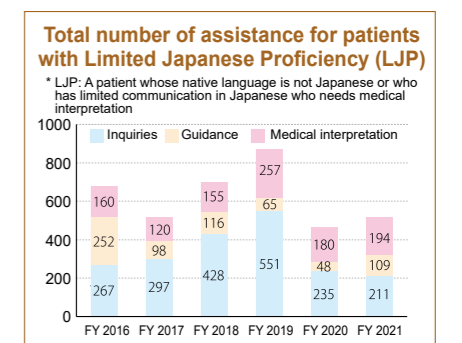
- Deployment of Japanese pharmaceutical products and medical equipment to the world market
- Promotion of international joint clinical trials and research
- Overseas expansion of Japanese medical systems

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

- Certified under Japan Medical Service Accreditation for International Patients (JMIP) (certification scheduled for renewal in 2022)
- Recommended by Japan International Hospitals (JIH).
- 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				
13th Floor	Neurosurgery, Neurology and Cerebrovascular Diseases	50 beds	Otorhinolaryngology-Head and Neck Surgery		51 beds
12th Floor	Urology	48 beds	Metabolic Medicine, Clinical Immunology and Hepatology		53 beds
11th Floor	[Center for Digestive System] Gastroenterological Surgery	50 beds	[Center for Digestive System] Gastroenterology and Hepatology		50 beds
10th Floor	[Center for Digestive System] Gastroenterological Surgery	53 beds	Hematology and Oncology		49 beds
9th Floor	[Heart Center] Cardiovascular Surgery, CVCU	49 beds	[Heart Center] Cardiovascular Medicine, CCU		50 beds
8th Floor	Breast and Endocrine Surgery, Dermatology, Plastic Surgery, Cardiovascular Surgery	50 beds	Neurology and Cerebrovascular Diseases, Geriatrics and Hypertension, General Medicine		50 beds
7th Floor	Ophthalmology	53 beds	[Respiratory Center] Respiratory Medicine, General Thoracic Surgery		49 beds
6th Floor	[Center for Pediatric Diseases] Pediatric Surgery	40 beds	[Center for Pediatric Disease] Pediatrics		48 beds
5th Floor	Orthopaedic Surgery	51 beds	Obstetrics and Gynecology		50 beds
4th Floor	Intensive Care Unit (ICU)	9 beds	Intensive Care Unit (ICU)		20 beds
3rd Floor	[Center for Maternal, Fetal and Neonatal Medicine] Perinatal hospital beds, MFICU, NICU, GCU	38 beds	Nephrology, Diagnostic and Interventional Radiology, Radiotherapy, Anesthesiology, Metabolic Medicine, Trauma and Acute Critical Care Center Back Bed		43 beds
2nd Floor	Department of Nursing, Blood Purification Center		Neuropsychiatry		52 beds
1st Floor	Rehabilitation, Post Office, Convenience Store, Public Cafeteria, Barber Shop, Beauty Salon, Specialty Book Store, etc.		Trauma and Acute Critical Care Center Medical Informatics, Inpatients Reception, Security Office, Disaster Prevention Center		20 beds
Basement Level 1	Division of Nutritional Management, Kitchen		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, Patient Support Center	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.

2021 Fiscal Year (April 2021 to March 2022) Events

Topics

Topic 1

Developing a Triage Facility

This hospital's triage facility was completed on September 30, 2021, using National University Hospital multi-purpose triage space development project funding under the fiscal 2020 third supplementary budget of the Ministry of Education, Culture, Sports, Science and Technology. This facility was built in front of the entrance to the Trauma and Acute Critical Care Center. It can also be used as a storage facility in normal circumstances. Equipment within the facility provides two examination rooms with negative pressurization and HEPA filters. Oxygen pipes within the examination rooms are used by connecting them to oxygen cylinders. In a disaster situation, partitions can be used in other waiting room spaces to provide privacy, and private generator equipment provides electricity. There are also outdoor decontamination showers, to allow decontamination in the event of a disaster involving chemical contamination. The facility entrances include one for medical staff only and four for patients. This arrangement allows one-way movement routes for patients, to avoid infection risks. There are also ramps to facilitate access for people using wheelchairs or carrying stretchers.



● Exterior of the Triage Facility



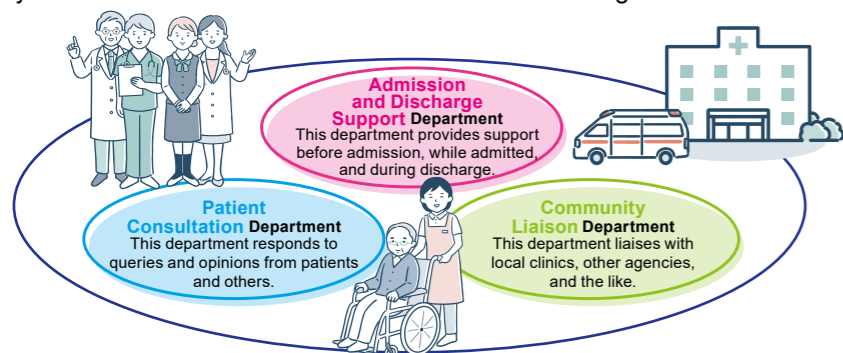
● Waiting area

Topic 2

The opening of the Patient Support Center

We have closed the Social Service Department, which had been handling operations such as community liaison and support for admission and discharge, and opened the Patient Support Center on January 1, 2022. This change is intended to strengthen the "soft" aspects of our patient support as we work towards the opening of the Integrated Treatment Ward, which is scheduled for 2025.

The Patient Support Center consists of three departments: The Patient Consultation Department, the Community Liaison Department, and the Admission and Discharge Support Department. It is staffed by doctors, nurses, social workers, clinical psychologists, administrative staff, and others. The Patient Consultation Department handles diverse problems concerning treatment, nursing, social welfare systems, and more. The Community Liaison Department is the contact point for liaison with local medical institutions, welfare facilities, and local authorities. The Admission and Discharge Support Department handles the conventional operations of appointment reception, coordination and arrangement of transfers and home-based medical treatments, referral to social welfare systems, and the like. We plan to enhance pre-admission support functions which gather patient information, such as medical history, medications, and living circumstances. We aim to provide a seamless support system that runs from before admission to after discharge.



● The Three-Department System of the Patient Support Center



[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]



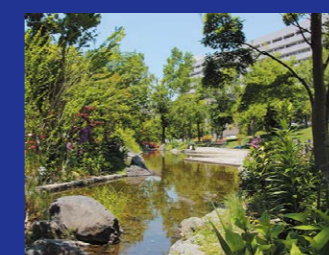
[Air Ambulance]



[Center for Pediatric Diseases]



[Powdered medication dispensing robot]



[Hospital Park]



[Semiconductor SPECT/CT system]



[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]