



National University Corporation
Hamamatsu University
School of Medicine

2012-2013



Message from the President

Eight years have passed since this university's incorporation and renaming as National University Corporation, Hamamatsu University School of Medicine but our original vision and goals remain unchanged. They are: (1) to educate our students to be excellent clinicians and highly creative researchers; (2) to practice medicine on a patient-first basis; and (3) to play a key role in developing community health care.

Since its inception, we have graduated 3,267 medical students and 961 nursing students from our university to meet the medical needs of Shizuoka prefecture and beyond our borders. However, from 2010, we will admit 120 new medical students a year because of a national plan to meet the increasing need for medical doctors all over Japan. In addition, more than 1,127 students, including 496 doctors evaluated only on theses, have been awarded medical doctorate degrees as well as more than 166 nurses awarded a Master's degree in nursing.

Our massive expansion and renewal plan for our University Hospital, which was established in 1977, continues on schedule. Three years ago, the new wards for in-patients were completed and became operational, while renewal of out-patients wards is ongoing. The hospital now has 613 beds and 34 clinical services units to fulfill our aim to provide diagnosis and treatment services which have strong points not only in Hamamatsu city and Shizuoka prefecture but also in Japan.

Finally, we have launched two research centers in 2011. One is the Medical Photonics Research Center and the other is the Collaboration Center for Medical Innovation. The former, established by the integration of two previous centers, Photon Medical Research Center and Molecular Imaging Frontier Research Center, was intended at further advancing the studies on medical application of light. The latter was newly set up to prompt collaborative research between our university and the industries. Continuous cooperation by various companies such as Hamamatsu Photonics K.K. (since 1991) has been quite valuable to start and maintain these centers.

Under my leadership, this university's overall goal in all these endeavors is to strengthen our contributing to the improvement of human health and well-being and to expand our efforts in the fields of education, clinical practice and research. I look forward to meeting these goals in the years ahead.

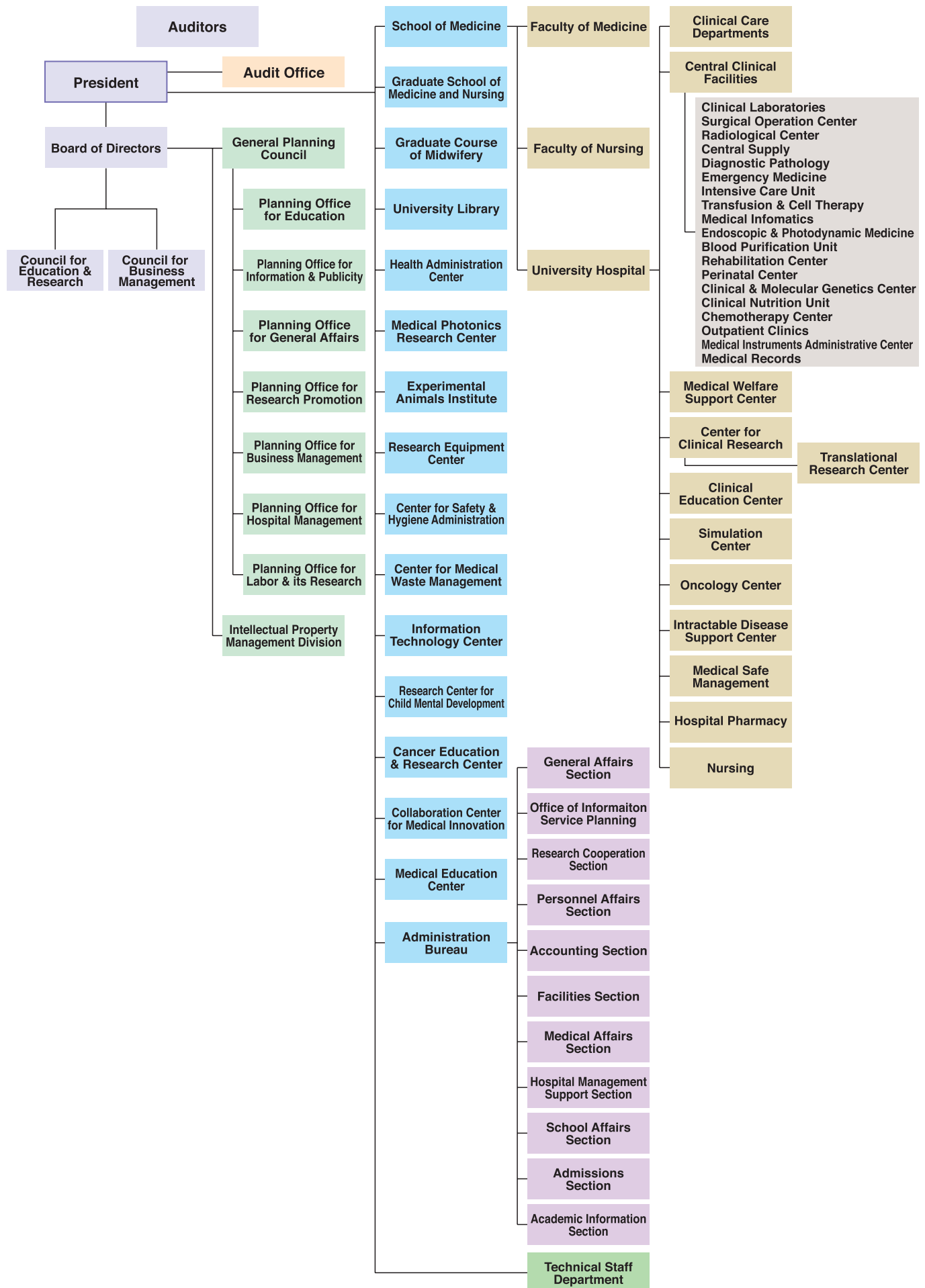


PRESIDENT
NAKAMURA, Satoshi

HISTORY

1974	June 7	Hamamatsu University School of Medicine was founded.
1977	Apr. 18	The University Hospital was established.
1980	Apr. 1	Graduate School of Medicine, Doctoral Degree Program, was established.
1995	Apr. 1	The Faculty of Nursing was established.
1999	Apr. 1	The Master's Degree Program of our Graduate School of Nursing was established.
2004	Apr. 1	The National University Corporation Hamamatsu University School of Medicine started.
2008	Apr. 1	Graduate Course of Midwifery was established.

ORGANIZATION



ADMINISTRATIVE OFFICERS

PRESIDENT	NAKAMURA, Satoshi		
EXECUTIVE DIRECTORS/ VICE-PRESIDENTS	(for Education & International Exchange) KOIDE, Yukio	(for Evaluation, Labor & Safety Control) SUZUKI, Osamu	(for Finance & Hospital) TAKIGAWA, Masahiro
EXECUTIVE DIRECTOR	(for Administration & Collaboration Development) HIRUMA, Akira		
AUDITORS	YAMAZAKI, Katsuyasu	TSUDA, Hiroshi	
VICE-PRESIDENTS	NAKAHARA, Daiichiro	MINOSHIMA, Shinsei	TAKAHASHI, Seio
COUNCIL FOR BUSINESS MANAGEMENT	NAKAMURA, Satoshi HIRUMA, Akira UESUGI, Michiyo NAGAI, Yoshiyuki	SUZUKI, Osamu TAKAHASHI, Seio SARUTA, Takao MIMURO, Kenichiro	TAKIGAWA, Masahiro ITO, Shuji SUZUKI, Katsuhiko MURAMOTO, Junko
COUNCIL FOR EDUCATION & RESEARCH	NAKAMURA, Satoshi TAKIGAWA, Masahiro MINOSHIMA, Shinsei UMEMURA, Kazuo KONNO, Hiroyuki	KOIDE, Yukio NAKAHARA, Daiichiro WATANABE, Hiroshi HARIYAMA, Takahiko OZONO, Seiichiro	SUZUKI, Osamu MIYAJIMA, Hiroaki KITAGAWA, Masatoshi FUKUDA, Atsuo NAGATA, Toshi

● SCHOOL OF MEDICINE

FACULTY OF MEDICINE

BASIC SCIENCES

INTEGRATED HUMAN SCIENCES

- **ETHICS** **PROFESSOR** MORISHITA, Naoki
- **PSYCHOLOGY** **PROFESSOR** NAKAHARA, Daiichiro
- **LEGAL** **PROFESSOR** OISO, Giichiro
- **MATHEMATICS** **PROFESSOR** NODA, Akio
- **PHYSICS** **PROFESSOR** SASAKURA, Hiroyuki
- **CHEMISTRY** **PROFESSOR** FUJIMOTO, Chuzo
- **BIOLOGY** **PROFESSOR** HARIYAMA, Takahiko
- **ENGLISH** **PROFESSOR** ENDO, Yukihide
- **JAPANESE &
JAPANESE AFFAIRS** **PROFESSOR** SATO, Kiyooki
- **BIOMEDICAL
INFORMATICS** **PROFESSOR** TANI, Shigeki

ANATOMY

PROFESSOR SATO, Kohji

NEUROPHYSIOLOGY

PROFESSOR SETOU, Mitsutoshi

MEDICAL PHYSIOLOGY

PROFESSOR FUKUDA, Atsuo

MOLECULAR BIOLOGY

PROFESSOR URANO, Tetsumei

BIOCHEMISTRY

PROFESSOR KITAGAWA, Masatoshi

TUMOR PATHOLOGY

PROFESSOR MIURA, Naoyuki

REGENERATIVE & INFECTIOUS PATHOLOGY

PROFESSOR SUGIMURA, Haruhiko

PHARMACOLOGY

PROFESSOR IWASHITA, Toshihide

INFECTIOUS DISEASES

PROFESSOR UMEMURA, Kazuo

COMMUNITY HEALTH & PREVENTIVE MEDICINE

PROFESSOR HORII, Toshinobu

LEGAL MEDICINE

PROFESSOR SUZUKI, Tetsuro

PROFESSOR OJIMA, Toshiyuki

PROFESSOR WATANABE, Kanako

CLINICAL SCIENCES

INTERNAL MEDICINE 1	PROFESSOR	MIYAJIMA, Hiroaki	OTORHINOLARYNGOLOGY/ HEAD & NECK SURGERY	PROFESSOR	MINETA, Hiroyuki
INTERNAL MEDICINE 2	PROFESSOR	SUDA, Takafumi	RADIOLOGY	PROFESSOR	SAKAHARA, Harumi
INTERNAL MEDICINE 3	PROFESSOR	HAYASHI, Hideharu	ANESTHESIOLOGY & CLITICAL CARE MEDICINE	PROFESSOR	SATO, Shigehito
PSYCHIATRY	PROFESSOR	MORI, Norio	OBSTETRICS & GYNECOLOGY	PROFESSOR	KANAYAMA, Naohiro
SURGERY 1	PROFESSOR	SHIYA, Norihiko	PEDIATRICS	PROFESSOR	OGATA, Tsutomu
SURGERY 2	PROFESSOR	KONNO, Hiroyuki	DENTISTRY & ORAL & MAXILLOFACIAL SURGERY	PROFESSOR	KATOU, Fuminori
NEUROSURGERY	PROFESSOR	NAMBA, Hiroki	LABORATORY MEDICINE	PROFESSOR	MAEKAWA, Masato
ORTHOPEDIC SURGERY	PROFESSOR	MATSUYAMA, Yukihiro	CLINICAL PHARMACOLOGY & THERAPEUTICS	PROFESSOR	WATANABE, Hiroshi
DERMATOLOGY	PROFESSOR	TOKURA, Yoshiki	EMERGENCY & DISASTER MEDICINE	ASSOCIATE PROFESSOR	YOSHINO, Atsuto
UROLOGY	PROFESSOR	OZONO, Seiichiro	CLINICAL ONCOLOGY	PROFESSOR	OHNISHI, Kazunori
OPHTHALMOLOGY	PROFESSOR	HOTTA, Yoshihiro			

DEPARTMENT BY DONATION

MOLECULAR DIAGNOSIS	PROFESSOR	KANAOKA, Shigeru
REGIONAL MEDICAL MANAGEMENT STUDIES	PROFESSOR	YAMAOKA, Taiji
CHILD & ADOLESCENT PSYCHIATRY	PROFESSOR	SUGIYAMA, Toshiro
MEDICAL EDUCATION	ASSOCIATE PROFESSOR	IGARASHI, Hiroshi
REGIONAL NEONATAL-PERINATAL MEDICINE	ASSOCIATE PROFESSOR	IJIMA, Shigeo
OBSTETRICS, GYNECOLOGY & FAMILY MEDICINE	PROFESSOR	SUGIMURA, Motoi

FACULTY OF NURSING

BASIC NURSING	PROFESSOR	WATANABE, Yasuhide	CLINICAL NURSING	PROFESSOR	NOZAWA, Akiko
	PROFESSOR	MIURA, Katsutoshi	COMMUNITY NURSING	PROFESSOR	TATSUMI, Asami
	PROFESSOR	NAGATA, Toshi		PROFESSOR	SUZUKI, Mizue
	PROFESSOR	KATAYAMA, Harumi			

GRADUATE COURSE OF MIDWIFERY

ASSOCIATE
PROFESSOR KUBOTA, Kimie

MEDICAL PHOTONICS RESEARCH CENTER

BASIC MEDICAL PHOTONICS LABORATORY	PROFESSOR	MINOSHIMA, Shinsei	APPLIED MEDICAL PHOTONICS LABORATORY	PROFESSOR	MAGATA, Yasuhiro
	PROFESSOR	SETOU, Mitsutoshi		PROFESSOR	YAMAMOTO, Seiji
CLINICAL MEDICAL PHOTONICS LABORATORY	PROFESSOR	OUCHI, Yasuomi		PROFESSOR	OKAZAKI, Shigetoshi

RESEARCH CENTER FOR CHILD MENTAL DEVELOPMENT

PROFESSOR TAKEI, Noriyoshi

● UNIVERSITY HOSPITAL

DIRECTOR	TAKIGAWA, Masahiro	VICE-DIRECTORS	[for Management Reform] MINETA, Hiroyuki	[for Clinical Practice & Teaching] SAKAHARA, Harumi	[for Risk Management] KONNO, Hiroyuki	[for Patient Service] KUWABARA, Yumie
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CLINICAL CARE DEPARTMENTS					
HEADS					
GENERAL MEDICINE	TAKIGAWA, Masahiro				
INTERNAL MEDICINE 1 DIVISION OF GASTROENTEROLOGY DIVISION OF NEPHROLOGY DIVISION OF NEUROLOGY	MIYAJIMA, Hiroaki SUGIMOTO, Ken FUJIGAKI, Yoshihide MIYAJIMA, Hiroaki	INTERNAL MEDICINE 2 DIVISION OF ENDOCRINOLOGY & METABOLISM DIVISION OF RESPIRATOLOGY DIVISION OF HEPATOLOGY	SUDA, Takafumi OKI, Yutaka SUDA, Takafumi SUDA, Takafumi	INTERNAL MEDICINE 3 DIVISION OF CARDIOLOGY DIVISION OF HEMATOLOGY DIVISION OF IMMUNOLOGY & RHEUMATOLOGY	HAYASHI, Hideharu HAYASHI, Hideharu OHNISHI, Kazunori OGAWA, Noriyoshi
PSYCHIATRY	MORI, Norio	SURGERY 1 DIVISION OF CARDIOVASCULAR SURGERY DIVISION OF THORACIC SURGERY DIVISION OF PEDIATRIC SURGERY	SHIYA, Norihiko SHIYA, Norihiko FUNAI, Kazuhito WADA, Hidetoshi	SURGERY 2 DIVISION OF ESOPHAGO-GASTRIC SURGERY DIVISION OF COLORECTAL SURGERY DIVISION OF HEPATO-BILIARY-PANCREATIC SURGERY DIVISION OF VASCULAR SURGERY	KONNO, Hiroyuki KONNO, Hiroyuki NAKAMURA, Toshio SAKAGUCHI, Takanori UNNO, Naoki
PEDIATRICS	OGATA, Tsutomu	DIVISION OF BREAST SURGERY DIVISION OF GENERAL SURGERY & ENDOSCOPIC SURGERY	SHIYA, Norihiko WADA, Hidetoshi		
NEUROSURGERY	NAMBA, Hiroki	ORTHOPEDIC SURGERY	MATSUYAMA, Yukihiro	DERMATOLOGY	TOKURA, Yoshiki
UROLOGY	OZONO, Seiichiro	OPHTHALMOLOGY	HOTTA, Yoshihiro	OTORHINOLARYNGOLOGY	MINETA, Hiroyuki
OBSTETRICS & GYNECOLOGY	KANAYAMA, Naohiro	RADIOLOGY	SAKAHARA, Harumi	ANESTHESIOLOGY & CLINICAL CARE MEDICINE	SATO, Shigehito
DENTISTRY&ORAL & MAXILLOFACIAL SURGERY	KATOU, Fuminori	REHABILITATION	MIZUSHIMA, Takashi	PLASTIC & RECONSTRUCTIVE SURGERY	FUKAMIZU, Hidekazu
CLINICAL PHARMACOLOGY & THERAPEUTICS	WATANABE, Hiroshi	DIAGNOSTIC PATHOLOGY	BABA, Satoshi		
CENTRAL CLINICAL FACILITIES					
HEADS					
CLINICAL LABORATORIES	MAEKAWA, Masato	SURGICAL OPERATION CENTER	SATO, Shigehito	RADIOLOGICAL CENTER	SAKAHARA, Harumi
CENTRAL SUPPLY	SHIYA, Norihiko	DIAGNOSTIC PATHOLOGY	BABA, Satoshi	EMERGENCY MEDICINE	TAKIGAWA, Masahiro
INTENSIVE CARE UNIT	DOI, Matsuyuki	TRANSFUSION & CELL THERAPY	TAKESHITA, Akihiro	MEDICAL INFORMATICS	KIMURA, Michio
ENDOSCOPIC & PHOTODYNAMIC MEDICINE	KONNO, Hiroyuki	BLOOD PURIFICATION UNIT	KATO, Akihiko	REHABILITATION CENTER	MIZUSHIMA, Takashi
PERINATAL CENTER	ITOH, Hiroaki	CLINICAL & MOLECULAR GENETICS CENTER	MAEKAWA, Masato	CLINICAL NUTRITION UNIT	KATO, Akihiko
CHEMOTHERAPY CENTER	OHNISHI, Kazunori	OUTPATIENT CLINICS	OZONO, Seiichiro	MEDICAL INSTRUMENTS ADMINISTRATIVE CENTER	MINETA, Hiroyuki
MEDICAL RECORDS	KIMURA, Michio				
MEDICAL WELFARE SUPPORT CENTER		CENTER FOR CLINICAL RESEARCH		CLINICAL EDUCATION CENTER	
HEAD	KOBAYASHI, Toshihiko	HEAD	UMEMURA, Kazuo	HEAD	SAKAHARA, Harumi
SIMULATION CENTER		ONCOLOGY CENTER		INTRACTABLE DISEASE SUPPORT CENTER	
HEAD	IGARASHI, Hiroshi	HEAD	OHNISHI, Kazunori	HEAD	MIYAJIMA, Hiroaki
MEDICAL SAFE MANAGEMENT		HOSPITAL PHARMACY		NURSING	
HEAD	KONNO, Hiroyuki	HEAD	KAWAKAMI, Junichi	HEAD	KUWABARA, Yumie

STAFF

CLASSIFICATION	PRESIDENT	DIRECTORS	AUDITORS	PROFESSORS	ASSOCIATE PROFESSORS	SENIOR ASSISTANT PROFESSORS	ASSISTANT PROFESSORS (RESEARCH ASSOCIATES)	TOTAL	CLERKS & TECHNICIANS	GRAND TOTAL
ADMINISTRATION BUREAU	1	4	2					7	133	140
SCHOOL OF MEDICINE				52	36	7	88	183	13	196
UNIVERSITY HOSPITAL				4	10	37	49	100	697	797
HEALTH ADMINISTRATION CENTER						1		1	1	2
MEDICAL PHOTONICS RESEARCH CENTER				5	1		4	10		10
EXPERIMENTAL ANIMALS INSTITUTE					1		2	3	2	5
RESEARCH EQUIPMENT CENTER					1			1	13	14
CENTER FOR MEDICAL WASTE MANAGEMENT								0	3	3
RESEARCH CENTER FOR CHILD MENTAL DEVELOPMENT				1	3		12	16		16
MEDICAL EDUCATION CENTER								0	1	1
COLLABORATION CENTER FOR MEDICAL INNOVATION								0	1	1
INTELLECTUAL PROPERTY MANAGEMENT DIVISION							2	2		2
TOTAL	1	4	2	62	52	45	157	323	864	1,187

Data on May 1, 2012

SENIOR RESIDENTS	JUNIOR RESIDENTS	TOTAL
97	33	130

Data on May 1, 2012



■ Faculty of Medicine

Since its establishment in 1974 the policy of the Faculty of Medicine has been to achieve three chief objectives: firstly, to produce excellent clinicians and highly creative researchers; secondly, to promote original research and innovation in medical techniques; and thirdly, to play a leading role in local health care by practicing medicine for the greatest possible benefits of patients. These objectives aim to contribute to the advancement of the welfare of all mankind.

Based on this policy, many excellent clinicians, who graduated from our university, are contributing to medical treatments both in Shizuoka Prefecture and nationwide. Our graduates are also engaging in state-of-the-art research at our University. New technologies are also being adopted by the Faculty in fields such as treatments of cancers and the development of advanced diagnostic techniques. In particular, The Photon Medical Research Center was established for the promotion of advanced studies in the field of medical photonics.

Finally, our graduates play active roles not only as clinicians, medical researchers and medical educators, but also as industrial physicians and medical welfare administrators.



■ Faculty of Nursing

The Faculty of Nursing aims to develop the broad range of skills of nursing including upgrading nursing skills, promoting specialization in medical treatments, nursing for the elderly and handicapped people, and the general nursing needed for local community. Students develop their scientific thinking and kind consideration for others during 4 years of student life.

Graduates can continue their professional development in the Master's Program of the Graduate School of Nursing to pursue careers in nursing education and as researchers.

● ADMISSIONS AND THE PRESENT NUMBER OF STUDENTS

School			1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	6th yr.	Total
FACULTY OF MEDICINE	Admission Quota 120 (5)*	Male	79	83 (1)	83 (2)	74 (4)	74 (5)	69 (2)	462 (14)
		Female	39	42	39 (2)	34 (2)	26 (3)	26 (0)	206 (7)
	Capacity 645 (25)*	Total	118	125 (1)	122 (4)	108 (6)	100 (8)	95 (2)	668 (21)
FACULTY OF NURSING	Admission Quota 70 (10)**	Male	4	6	5 (1)	5 (1)			20 (2)
		Female	60	55	63 (9)	68 (9)			246 (18)
	Capacity 260 (20)**	Total	64	61	68 (10)	73 (10)			266 (20)

() * The numbers in parentheses indicate the quotas for 2nd - year transfer students included in the total.

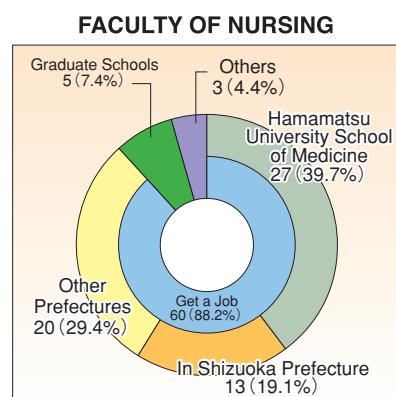
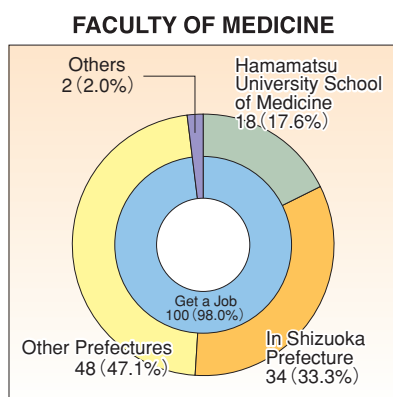
() ** The numbers in parentheses indicate the quotas for 3rd - year transfer students included in the total.

Data on May 1, 2012

● NUMBERS OF GRADUATES

CLASSIFICATION	FACULTY OF MEDICINE							FACULTY OF NURSING						
	1979~ 2006	2007	2008	2009	2010	2011	Total	1998~ 2006	2007	2008	2009	2010	2011	Total
Male	2,045	81	58	67	66	76	2,393	19	5	8	4	4	1	41
Female	712	31	39	35	31	26	874	597	65	61	65	65	67	920
Total	2,757	112	97	102	97	102	3,267	616	70	69	69	69	68	961

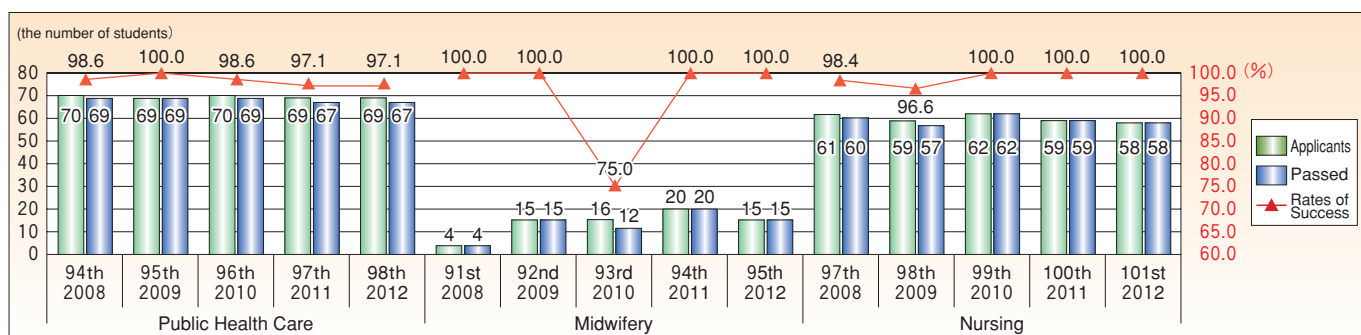
● LOCATIONS OF GRADUATES (CLASS 2011)



● SUCCESS RATES IN THE NATIONAL MEDICAL PRACTITIONERS QUALIFYING EXAMINATION

CLASSIFICATION	New Graduates			Reexaminees			Total			National Ranking
	Applicants	Passed	Rate of success	Applicants	Passed	Rate of success	Applicants	Passed	Rate of success	
102nd 2008	112	109	97.3	6	4	66.7	118	113	95.8	11
103rd 2009	97	95	97.9	4	1	25.0	101	96	95.0	21
104th 2010	102	96	94.1	4	2	50.0	106	98	92.5	24
105th 2011	97	94	96.9	8	6	75.0	105	100	95.2	8
106th 2012	102	100	98.0	3	3	100	105	103	98.1	2

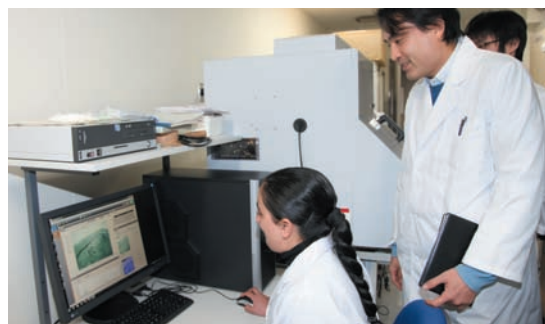
● SUCCESS RATES IN THE NATIONAL MEDICAL EXAMINATIONS FOR PUBLIC HEALTH CARE, MIDWIFERY AND NURSING



■ Doctoral Degree Program in Graduate School of Medicine

This doctoral program is composed of two courses: 1) basic medicine researcher training course, and 2) clinician scientist training course. The students of the former course should acquire excellent research ability and high creativity; the students of the latter course should acquire the ability to apply the highly sophisticated scientific mentality to their own clinical practice.

It is undeniable that collaborations based on these courses create unique research fields, which will more activate the activities of our university.



■ Master's Degree Program in Graduate School of Nursing



The aim of this program is to grow highly advanced nursing specialists who acquire excellent nursing skills and research techniques. They also should have their own highly specialized fields of nursing.

The nursing specialists should provide their care and research especially on the basis of noble ethics.

The high-quality nursing care provided by them is really required by modern society, because of rapid developments in medical technologies, the expanding graying society, and trend to respect the quality of life. This program also includes “health science course” designed to develop new theories and techniques in more interdisciplinary sense.

● ADMISSIONS AND THE PRESENT NUMBER OF STUDENTS

DOCTORAL DEGREE PROGRAM

Major			1st yr.	2nd yr.	3rd yr.	4th yr.	Total
ADVANCED PHOTO MEDICINE	※ Admission Quota 11	Male	—	7 (1)	10 (2)	6	23
		Female	—	5	7 (6)	7	19
	※ Capacity 44	Total	—	12	17	13	42
INTEGRATED FUNCTIONAL MEDICINE	※ Admission Quota 5	Male	—	3 (1)	6 (3)	5 (1)	14
		Female	—	1 (1)	1	0	2
	※ Capacity 20	Total	—	4	7	5	16
FRONTIER MEDICINE	※ Admission Quota 8	Male	1 (1)	8	8	19 (1)	36
		Female	0	4 (1)	2	5 (1)	11
	※ Capacity 32	Total	1	12	10	24	47
INFECTIOUS DISEASE CONTROL AND PREVENTIVE MEDICINE	※ Admission Quota 6	Male	0	2	1	3	6
		Female	1 (1)	3	0	4	8
	※ Capacity 24	Total	1	5	1	7	14
MEDICINE	Admission Quota 30	Male	25	—	—	—	25
		Female	7	—	—	—	7
	Capacity 120	Total	32	—	—	—	32

The numbers in parentheses indicate those students enrolled in October included in the total.

※ The upper limit of the entrant number before the fiscal year 2011.

Data on May 1, 2012

MASTER'S DEGREE PROGRAM

Major			1st yr.	2nd yr.	Total
NURSING	Admission Quota 16	Male	3	1	4
		Female	12	23	35
	Capacity 32	Total	15	24 (8)	39

The number in parentheses indicates those students remaining in the same grade included in the total.

Data on May 1, 2012

DEGREES AWARDED

	1983~2005	2006	2007	2008	2009	2010	2011
Ph. D. (doctoral course)	471	23	21	35	28	27	26
Ph. D. (thesis only)	427	13	14	9	14	8	11
Master of Nursing (M.A.)	80	7	17	15	9	15	23

Data on May 1, 2012

RESEARCH STUDENTS

	2006	2007	2008	2009	2010	2011	2012
Male	30	33	27	34	26	27	29
Female	7	8	10	6	9	11	9

Data on May 1, 2012

GRADUATE COURSE OF MIDWIFERY

Graduate course of Midwifery was established in April 2008, with the aim of supporting local perinatal care and training the students to contribute to the development of Mother-Child health. This course graduates the midwives with high-quality skills in maternity treatments and practical abilities, in one-year of instruction based on "Women's lifetime health and gender rights."

	Admission Quota	Capacity	1st yr.
GRADUATE COURSE OF MIDWIFERY	16	16	16

Data on May 1, 2012

JOINT-USE FACILITIES FOR EDUCATION AND RESEARCH

■ Health Administration Center

HEAD MIYAJIMA, Hiroaki

This Center contributes to the maintenance and promotion of the health of students and the staff, and thus to the achievement of student education and various activities of the university staff. We also conducts annual medical checks and medical consultations on both physical and mental health, as well as investigations of health problems.



■ Medical Photonics Research Center

HEAD MINOSHIMA, Shinsei
VICE-HEAD MAGATA, Yasuhiro

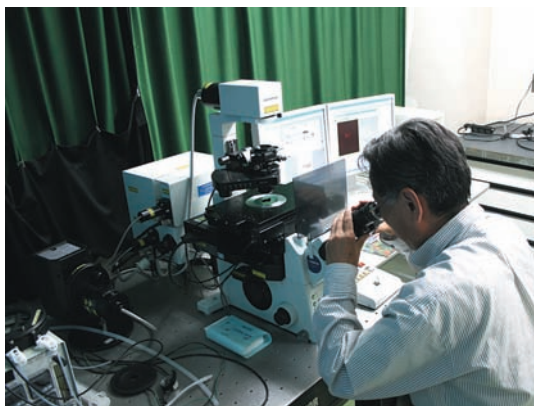
The Medical Photonics Research Center was launched in 2011 by the merger of two erstwhile centers, Photon Medical Research Center and Molecular Imaging Frontier Research Center. Here, a plethora of research projects exploring the medical utility of light and electromagnetic waves are being undertaken. Ongoing projects include: (i) pursuit of the mechanism of life phenomena in every layer from cells to individuals using light and molecular imaging, (ii) development of novel probes (tracers) and diagnostic tools for disease prognosis, (iii) use of “omics” technologies to unveil the etiology of various diseases, (iv) unraveling of enigmas of brain functions and pathophysiology, and (v) development of photo dynamic treatment methods for cancer therapy. The Department of Medical Spectroscopy is endowed by Hamamatsu Photonics K.K.

■ Experimental Animals Institute

HEAD WATANABE, Hiroshi

The Experimental Animals Institute established in 1983 is providing researchers with subjects for animal experiments in basic medical research. The institute is also contributing to education through classes on animal experimentation and graduation-thesis research.

In addition, laboratory animal science is being promoted by developing many mutant mouse strains as animal models for human diseases using originally developed methods, and providing them to researchers.



■ Research Equipment Center

HEAD KITAGAWA, Masatoshi

The Research Equipment Center directly contributes to the advancement of education and research in biomedical sciences. The Center consists of 16 laboratories including RI facilities. The staff of the Center are experts in managing sophisticated analytical equipment and collaborate with researchers. In the RI facilities, technical training for the safe handling of radioisotopes is conducted.

■ Center for Safety & Hygiene Administration

HEAD SUZUKI, Osamu

The Center was founded in April 2003. The Center's primary missions are to draft plans to achieve projects concerning the University's hygiene and safety and to seek the thorough implementation of the guidelines for the prevention of environmental pollution, health hazards, accidents and disasters derived from the University's educational and research activities. The important objectives are: to assess the working environments according to the Industrial Safety and Health Law and other related rules and regulations, to promote the safety and health of workers and to secure a safer and healthier working environment.



■ Center for Medical Waste Management

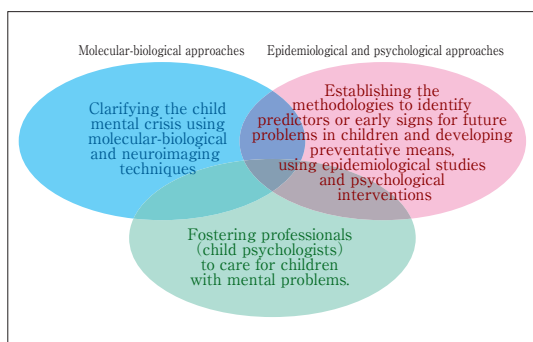
HEAD FUJIMOTO, Chuzo

Trash must be separated according to the trash categories specified in "The Guide to Separating Trash", which is available at the web site of this center. Biohazardous waste has to be put into a properly labeled plastic container or bag. Carry-in wastes may be brought to this center or the collection station. Lectures on the separation and disposal of trash are given by the staff members of this center. Wastewater from the University hospital and laboratories is treated with a sewage treatment plant placed at this center. Processes used for wastewater treatment include settlement in a pool, activated sludge treatment with anaerobic and aerobic bacteria, sedimentation, coagulation, and filtration with sand and activated carbon. Before the discharge of the treated water into the natural environment, examinations are carried out to determine whether adverse environmental effects are eliminated from the effluent.

■ Information Technology Center

HEAD TANI, Shigeki

Information Technology Center provides and operates the information infrastructures of the University, which comprises the university network, mail servers, web servers, IT practice and learning facility, etc. Wireless LAN hot spots are set everywhere on the campus; the IT practice and learning facility enables bidirectional display and operation between teachers and learners. The Center continues to provide state-of-the-art IT infrastructures to the University.



■ Research Center for Child Mental Development

HEAD MORI, Norio

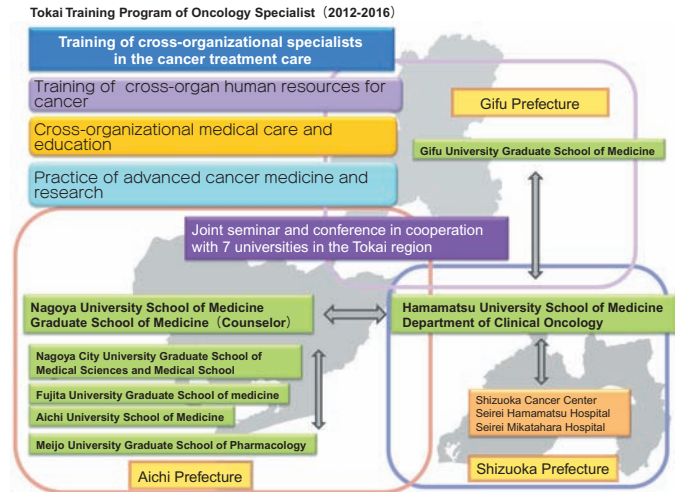
The Center was founded in 2006 as a joint center with the participation of Osaka University and Hamamatsu University School of Medicine, followed by the welcomed participation of Kanazawa University in 2008 and of University of Fukui and Chiba University in 2011. As a leading institute in the interdisciplinary research for child development, the major goals of the Center include investigation of biological, medical, and psychosocial backgrounds of abnormalities in cognitive and emotional status during childhood, and development of efficient educational and clinical intervention methods that are helpful to children with

developmental disorders. It is also our mission here at the Center to educate professionals such as teachers and clinical psychologists so as to allow them to support their disabled children more sufficiently in association with the United Graduate School of Child Development, which consists of the five Universities mentioned above.

■ Cancer Education & Research Center

HEAD OHNISHI, Kazunori

The mission of the Cancer Education and Research Center is to train physicians who will become leaders in comprehensive cancer therapy, and also to promote advanced research in cancer. This center was founded in October 2007, and opened graduate courses for training cancer professionals in cooperation with Tokai Gann (Cancer) Professional Plan. This program aims at establishing medical oncology teams matching the global standard, and its main institution is Nagoya University School of Medicine. The graduate course consists of 3 courses, clinical oncology, radiotherapy and cancer pharmacology. An intensive course runs concurrently with the graduate course, in which senior physicians can learn the practice of modern cancer management.



■ Collaboration Center for Medical Innovation

HEAD YAMAMOTO, Seiji

The Collaboration Center for Medical Innovation was established in April 2011, as a window of one-stop service (single point of contact) for industry-academic and medical-engineering collaboration. The Center includes the PET-CT building and the cyclotron building, and manages the imaging devices including MRI, CT, and PET/SPECT/CT scanners for experimental studies, and PET/CT scanner for clinical studies in our university. The Center also works as the core facility for "Hamamatsu Medical and Engineering Technology Innovation Core (HaMTIC)" which develops a local industry-academic collaboration to produce new medical devices based on the optical and imaging technology.

■ Medical Education Center

HEAD UMEMURA, Kazuo

Medical Education Center was founded in April 2012. The Center manages and organizes the education systems for medical school of Hamamatsu University School of Medicine, including curriculums and evaluation systems especially for PBL (Problem Based Learning), OSCE (Objective Structured Clinical Examination, including Advanced OSCE), CBT (Computer Based Testing), clinical clerkship, and general remarks of medicine. The mission of the Center is to keep our educational systems world standard level and to improve them progressively.



INTERNATIONAL EXCHANGES

● UNIVERSITIES WITH AGREEMENTS FOR COOPERATION

University (Country)	Date of Agreement Signed	Cooperation Contents
CHINA MEDICAL UNIVERSITY (CHINA)	1988. 4.29	SISTER SCHOOL
KYUNGPOOK NATIONAL UNIVERSITY SCHOOL OF MEDICINE (KOREA) KYUNGPOOK NATIONAL UNIVERSITY COLLEGE OF NURSING (KOREA)	1992. 9. 7 2005. 9.23	ACADEMIC EXCHANGE
SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE (CHINA)	2000. 3.24	ACADEMIC EXCHANGE
FACULTY OF MEDICINE, ALBERT-LUDWIGS UNIVERSITY OF FREIBURG (GERMANY)	2003. 6.30	ACADEMIC EXCHANGE
HENAN COLLEGE OF TRADITIONAL CHINESE MEDICINE (CHINA)	2003.12. 8	ACADEMIC EXCHANGE
MEDICAL UNIVERSITY OF BIALYSTOK (POLAND)	2004. 4.19	ACADEMIC EXCHANGE
UNIVERSITY OF DHAKA (BANGLADESH)	2004.11.12	ACADEMIC EXCHANGE
SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (BANGLADESH)	2004.11.12	ACADEMIC EXCHANGE
BANGABANDHU SHEIKH MUJIB MEDICAL UNIVERSITY (BANGLADESH)	2004.11.12	ACADEMIC EXCHANGE
GUANGXI MEDICAL UNIVERSITY (CHINA)	2004.11.21	ACADEMIC EXCHANGE
MEDICAL UNIVERSITY OF WARSAW (POLAND)	2010. 4. 1	ACADEMIC EXCHANGE
MEDICAL UNIVERSITY OF LUBLIN (POLAND)	2010. 4. 5	ACADEMIC EXCHANGE
HEINRICH HEINE UNIVERSITY DÜSSELDORF (GERMANY)	2012. 8. 9	ACADEMIC EXCHANGE
UNIVERSITY OF HAWAII, JOHN A. BURNS SCHOOL OF MEDICINE(U.S.A.)	2012. 9. 6	ACADEMIC EXCHANGE

Data on Oct. 1, 2012

● INTERNATIONAL STUDENTS

Country	Graduate Students		Total
	Government	Private	
CHINA	0	14	14
BANGLADESH	0	3	3
POLAND	0	1	1
PAKISTAN	0	2	2
INDIA	0	2	2
Total	0	22	22

Data on May 1, 2012



International Student Excursion 2011

● INTERNATIONAL RESIDENCE

Building Classification	Single Type		Family Type	
Architectural Area	206㎡		147㎡	
Total Building Area	554㎡		567㎡	
Room Type (Area)	Single Rooms (14㎡)	20	Couple Rooms (40㎡)	6
	Meeting Room (19㎡)	1	Family Rooms (59㎡)	4



International Residence

● CLINICAL ACTIVITIES

NUMBER OF PATIENTS					
Clinical Care Departments		Outpatients		Inpatients	
		Total	Average per Day	Total	Average per Day
General Medicine		—	—	—	—
Internal Medicine 1	Gastroenterology	9,146	37.6	9,089	24.8
	Nephrology	5,967	24.6	4,422	12.1
	Neurology	3,075	12.7	2,193	6.0
Internal Medicine 2	Endocrinology & Metabolism	21,311	87.7	3,392	9.3
	Respiratology	11,882	48.9	10,322	28.2
	Hepatology	7,666	31.5	3,463	9.5
Internal Medicine 3	Cardiology	12,601	51.9	6,490	17.7
	Hematology	8,622	35.5	13,457	36.8
	Immunology & Rheumatology	5,034	20.7	1,983	5.4
Clinical Pharmacology & Therapeutics		714	2.9	19	0.1
Psychiatry		18,483	76.1	9,228	25.2
Pediatrics		14,046	57.8	10,756	29.4
Surgery 1	Cardiovascular Surgery	2,256	9.3	6,924	18.9
	Thoracic Surgery	1,310	5.4	3,074	8.4
	Pediatric Surgery	427	1.8	115	0.3
	Breast Surgery	5,576	22.9	784	2.1
	General Surgery & Endoscopic Surgery	1,681	6.9	2,039	5.6
Surgery 2	Esophago-Gastric Surgery	5,145	21.2	5,480	15.0
	Colorectal Surgery	4,350	17.9	4,656	12.7
	Hepato-Biliary-Pancreatic Surgery	2,714	11.2	4,096	11.2
	Vascular Surgery	3,622	14.9	3,663	10.0
Emergency Medicine		3,796	15.6	1,017	2.8
Endoscopic & Photodynamic Medicine		36	0.1	—	—
Neurosurgery		7,964	32.8	8,539	23.3
Orthopedic Surgery		20,305	83.6	13,705	37.4
Rehabilitation		4,343	17.9	—	—
Dermatology		21,200	87.2	4,902	13.4
Urology		17,876	73.6	11,147	30.5
Ophthalmology		18,991	78.2	6,242	17.1
Otorhinolaryngology		16,656	68.5	9,307	25.4
Obstetrics & Gynecology		16,831	69.3	11,418	31.2
Radiology		7,616	31.3	2,099	5.7
Anesthesiology & Critical Care Medicine		2,944	12.1	197	0.5
Plastic & Reconstructive Surgery		4,947	20.4	4,659	12.7
Clinical & Molecular Genetics Center		—	—	—	—
Dentistry & Oral & Maxillofacial Surgery		9,153	37.7	3,407	9.3
Total		298,286	1,227.5	182,284	498.0

Fiscal Year 2011

NUMBER OF CLINICAL LAB TESTS						
Test Item	Urine and Other Body Fluids	Hematology	Clinical Chemistry	Pathology	Physiology	Collection of Blood and Other Body Fluids
Number	111,992	347,507	2,162,287	14,858	165,995	81,996
Test Item	Endocrinology	Serology	Bacteriology	Endoscopy	Others	Total
Number	57,718	288,811	24,173	9,521	35,540	3,300,398

Fiscal Year 2011

NUMBER OF SURGICAL OPERATIONS & ANAESTHESIAS	
Number of Operations	Total
	4,271
Number of Anaesthesia	Total
	13,615

Fiscal Year 2011

NUMBER OF EMERGENCY CASES						
Causes						Total
Diseases	Injuries				Pregnancy	
	Accidents			Total		
	Traffic Accidents	Poisoning	Others			
6,225	363	76	1,100	1,539	489	8,253

Fiscal Year 2011

NUMBER OF X-RAY EXAMINATION						
Method		X-Ray Radiography	X-Ray Fluoroscopy	X-Ray CT	MRI	Total
Number of Patients	Inpatients	34,484	1,844	6,534	2,261	45,123
	Outpatients	32,915	4,174	11,704	5,731	54,524
	Total	67,399	6,018	18,238	7,992	99,647

Fiscal Year 2011

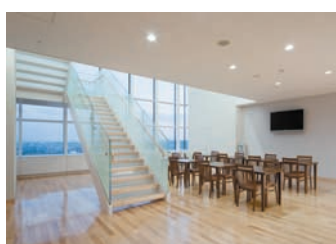
NUMBER OF PATHOLOGICAL AUTOPSY			
	Male	Female	Total
Patients Who Died at our Hospital	211	120	331
Number Subjected to Autopsy	14	8	22
Autopsy Rate (%)	6.6	6.7	6.6
Autopsies Entrusted from Outside	1	1	2

Fiscal Year 2011

NUMBER OF BIRTHS			
	Full-Term Baby	Premature Baby	Total
Normal Deliveries	377	46 (0)	423 (0)
Abnormal Deliveries	133	44 (0)	177 (0)
Total	510	90 (0)	600 (0)

The numbers in parentheses indicate stillbirths included in the total.

Fiscal Year 2011



● LIBRARY OPENING HOURS

Monday to Friday 9:00~20:00

Saturday & Sunday 10:00~17:00

24 hour access to the library is available to students and faculty members by registering ID cards.



● UTILIZATION

The Number of Visitors	Regular Hours				After Hours				Total			
	Intramural	130,801	Extramural	957	Intramural	37,338	Extramural	23	Intramural	168,139	Extramural	980
The Number of Items Borrowed	Books				Journals				AV Materials			
	8,925				729				356			
Copying Service	Requests Accepted				Requests Made to Outside				Total			
	5,394				2,410				7,804			

Fiscal Year 2011

● LIBRARY COLLECTION

Classification	Japanese	English	Total
Books	59,650	38,136	97,786
Journals	1,508	1,193	2,701
AV Materials	2,029		

Data on March 31, 2012

● BOOKS AND JOURNALS ACCEPTED

Classification	Japanese	English	Total
Books	2,733	417	3,150
Journals	207	144	351
AV Materials	53		
Electronic Journals	3,460		

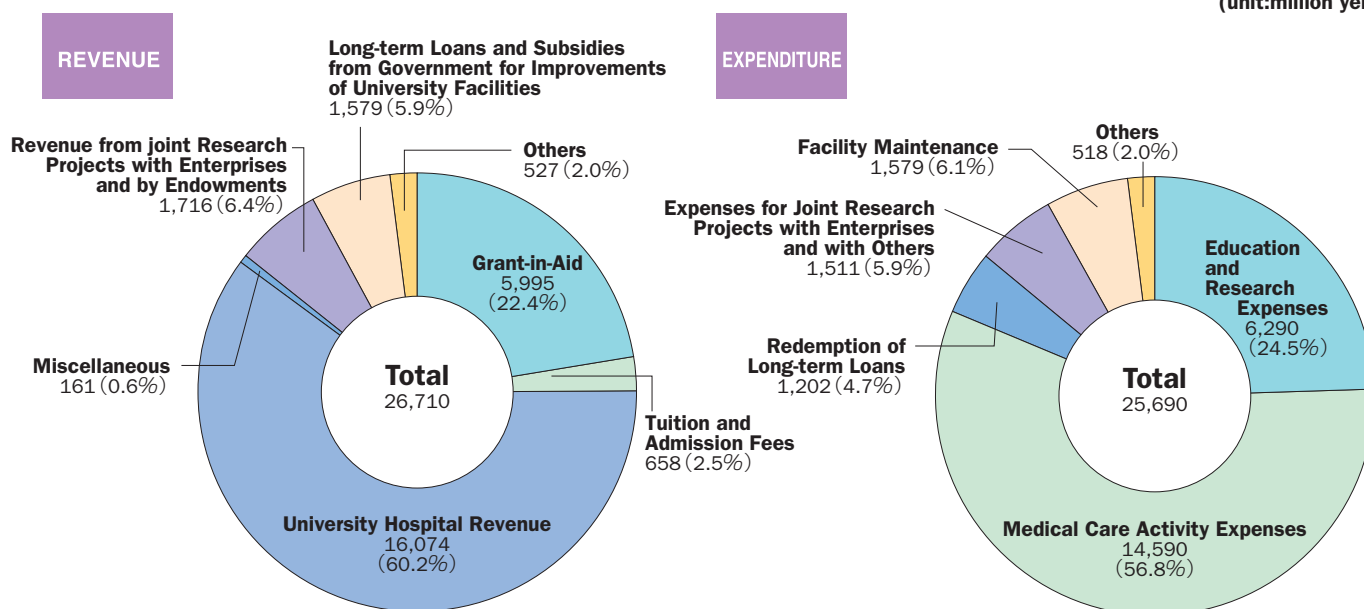
Fiscal Year 2011



ACCOUNTS & PROPERTY

● FISCAL YEAR 2011

(unit:million yen)



● RESEARCH GRANTS

Grant-in-Aid for Scientific Research		
Subject for Research	Number	Amount of Money (Unit:thousand yen)
Grant-in-Aid for Scientific Research on Priority Areas	1	16,300
Grant-in Aid for Scientific on Innovative Areas	9	53,430
Grant-in Aid for Scientific Research (A)	1	8,190
Grant-in Aid for Scientific Research (B)	17	94,380
Grant-in Aid for Scientific Research (C)	85	133,380
Grant-in Aid for Challenging Exploratory Research	17	32,370
Grant-in Aid for Young Scientists (S)	1	20,800
Grant-in Aid for Young Scientists (A)	0	0
Grant-in Aid for Young Scientists (B)	56	88,354
Grant-in Aid for Research Activity Start-up	1	832
Grant-in Aid for JSPS Fellows	3	2,100
Grant-in Aid Research	5	3,000
Total	196	453,136

The grants above include all overhead expenses.

Fiscal Year 2011

Grant from Outside the University		
Classification	Number	Amount of Money (Unit:thousand yen)
Endowment	675	590,291
Trust Research	5,118	766,511
Joint Research	50	60,653

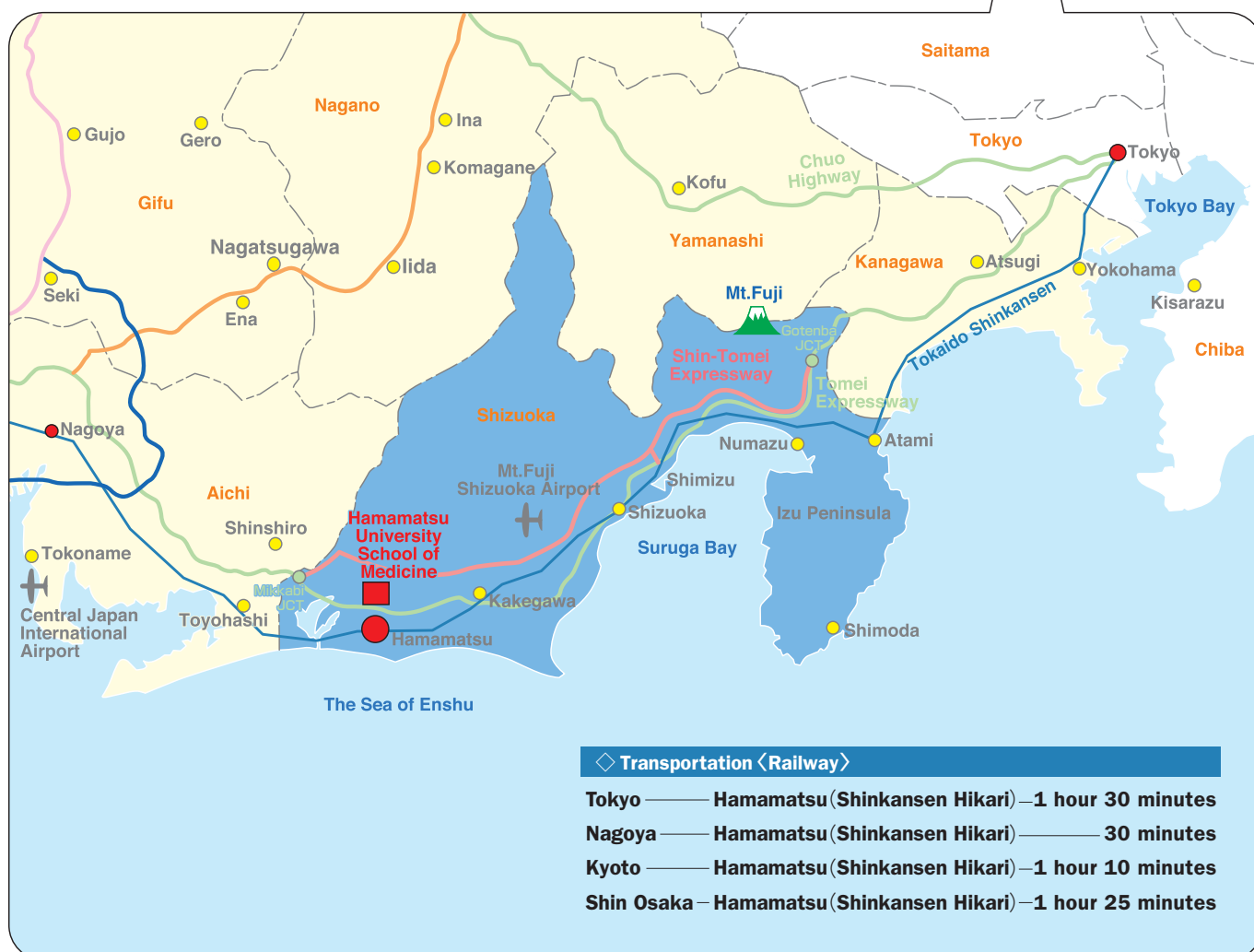
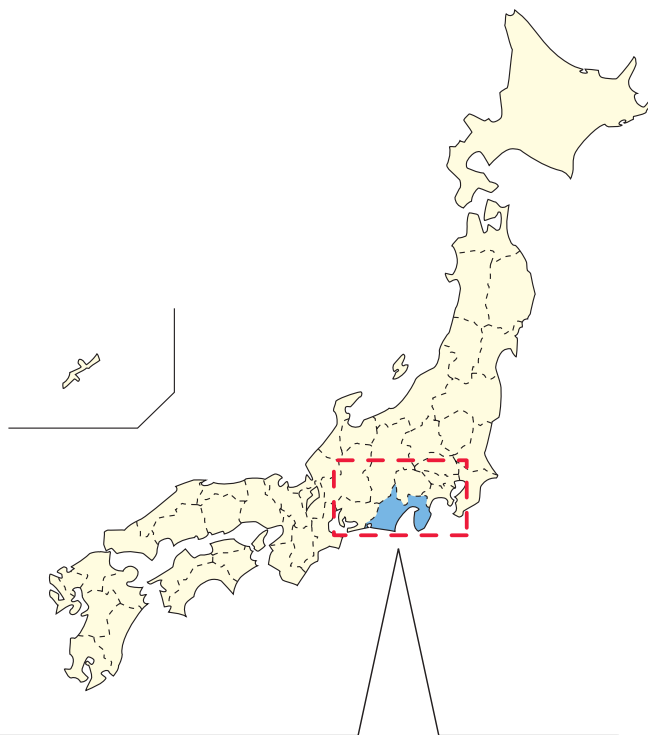
Fiscal Year 2011

LOCATION MAP

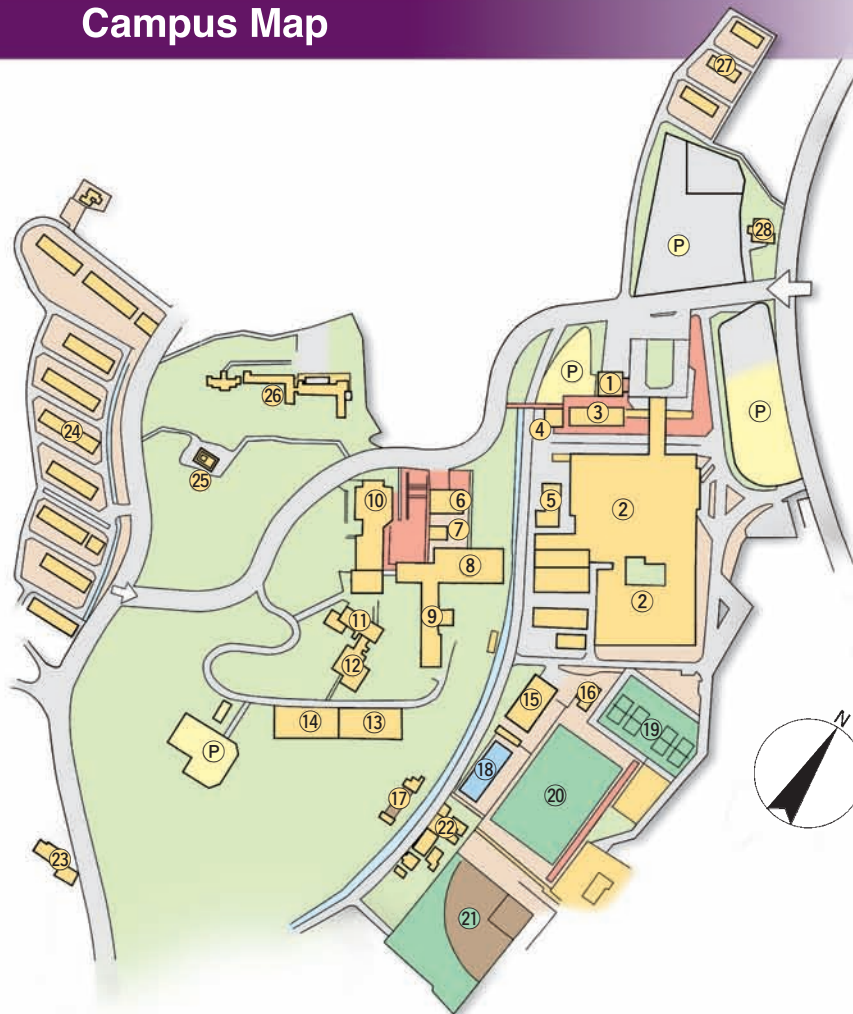
Hamamatsu University School of Medicine is located approximately 10.6km north of Hamamatsu Station.

● Commuting Guide at the Station's Bus Terminal Located near the North Entry of Hamamatsu Station

Entetsu Bus	Bus Terminal	Route Number	Route Name	Time Required
	Stop 13	50	Iwata · Yamanote Line Bound for Medical School	About 35 minutes
Bus	Stop 13	57	Medical School Loop-Line (via City Hall · Hamamatsu) Central Police Office	About 30 minutes



Campus Map



- ① Headquarters Building
- ② University Hospital
- ③ Clinical Lecture Building
- ④ Translational Research Center
- ⑤ Collaboration Center for Medical Innovation
PET-CT Facilities
- ⑥ Nursing Faculty Building
- ⑦ Basic and Clinical Research Building Annex
- ⑧ Basic and Clinical Research Building
- ⑨ Experimental Animals Institute
- ⑩ Educational Building
- ⑪ Welfare Facilities
- ⑫ University Library
- ⑬ Medical Photonics Research Center
- ⑭ Collaboration Center for Medical Innovation
Cyclotron Facilities
- ⑮ Gymnasium
- ⑯ Martial Arts Hall
- ⑰ Kyudo Ground
- ⑱ Swimming Pool
- ⑲ Tennis Court
- ⑳ Soccer / Rugby Ground
- ㉑ Baseball Ground
- ㉒ Center for Medical Waste Management
- ㉓ International Residence
- ㉔ University Residence
- ㉕ Cenotaph
- ㉖ Funaokayama University Residence
- ㉗ Handayama University Residence
- ㉘ Handayama Hall
- Ⓟ Parking

Land Area	302,136㎡
Building Area	40,823㎡
Total Building Area	166,336㎡





National University Corporation

Hamamatsu University School of Medicine

431-3192

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