ASAHIKAWA MEDICAL UNIVERSITY

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旭川医科大学
Asahikawa Medical University

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Message from the President

Eighth President

NISHIKAWA Yuji

Since April 1, 2022

Toward the Next 50 Years

Thanks to your warm support, Asahikawa Medical University celebrated its 50th anniversary on November 5, 2023. Asahikawa Medical University strives to meet expectations as a national medical university, training excellent doctors and nurses. We undertake the important mission of maintaining and improving medical care in Hokkaido, especially in the northern and eastern regions of Hokkaido. This mission is the core of our identity and will never change as a medical university located in this region. However, in the time since the university was established, the social structure and environment have changed dramatically, including a declining birthrate, aging population, and shrinking population. In order to fully meet society's demands for the next 50 years, we believe that the university must proactively seek and implement new approaches.

We as a whole are initiating new projects to address regional medicine and health and welfare. One of these projects is the establishment of a system for training "multi-tasking regional medicine physicians". Multi-tasking physicians not only specialize in their respective fields of expertise, but also have acquired the clinical skills truly needed in regional medicine, such as general medicine, emergency medicine, home medicine, and remote area/island medicine. Multi-tasking physicians are trained under an educational system that transcends the boundaries of each medical department.

In addition, by cooperating with local governments and core hospitals, the Center for Integrated Medical Education and Regional Symbiosis will play a central role in identifying regional needs. The Center will collaborate with each medical department cross-sectionally and provide stable and sustainable regional medical care while supporting doctors in regional medicine through well-balanced and fluid assignments and maximum use of telemedicine. We will create an academic environment in which each doctor can return to the university after contributing to regional medicine for a certain period of time to study cutting-edge technologies and engage in basic and clinical research, so that they can pursue their own career path to the maximum extent possible. The second major project, which will be implemented mainly by the Nursing Support Center for Career Development, Education, and Research of the Department of Nursing, is to establish a support system for children with medical care needs, which is currently a major social issue. Collaborating with educational institutions, Asahikawa City will create a model case that will lead our country. Furthermore, we intend to solicit original ideas from our faculty and staff so that all of us will actively implement creative projects that will lead to the improvement of the wellbeing of the local community.

Our medical university will aspire to new heights by encouraging our students, faculty members involved in education, research, and medical care, and staff members who support the operations of the university and hospital to achieve self-fulfillment. We will continue to make further efforts with this as our motivation, knowing that our activities can contribute to rapidly changing local and international communities. We hope that you have high expectations for our future progress and support our university.

Educational Philosophy and Objectives

Undergraduate

Educational Philosophy

To nurture medical care professionals and researchers who have a true sense of compassion and broad academic perspectives, who uphold the dignity of life and have high ethical standards, and who strive to acquire a high level of knowledge and techniques. To educate medical care professionals who contribute to the improvement of health and welfare in the local community. To train medical and nursing students to fulfill a constructive role in the international community through education, research, and health-care activities.

Educational Objectives

To put its educational philosophy in practice, Asahikawa Medical University sets forth the following objectives:

1. To produce health-care professionals with a well-rounded character through the cultivation of cultured minds and morals.
2. To develop students' understanding of the dignity of life and medical ethics, and establish compassion for the disabled and diseased.
3. To have students acquire highly specialized knowledge and balanced medical skills as well as the ability to learn and study throughout their life.
4. To enhance students' ability to communicate openly and effectively for medical collaboration and safety management.
5. To foster a better understanding of the health and welfare in the local community and remote rural areas to meet the needs of residents there.
6. To broaden horizons and boost involvement and commitment for the international community.

Graduate School

Philosophy

1. To contribute, as a medical graduate school, to the comprehensive development of medical science and nursing science through various basic and clinical studies.
2. To advance knowledge through sincere efforts in research, seeking deeply for the truth with a spirit of independence, autonomy, and responsibility.
3. To produce a diverse and balanced educational curriculum that fosters excellent researchers and highly specialized medical individuals with cultured minds, deep compassion and respect for human dignity and rights, and strict medical ethics.
4. The graduate school is open to everyone. Our ethos is to help local communities and cooperate with communities around the world. We will promote medical welfare and foster harmony among societies around the world.

Educational Objectives [Medical Ph.D. Course]

1. To produce medical educators and researchers with creativity, deep compassion and respect for human dignity and rights, and strict medical ethics.
2. To produce highly specialized professionals with leading roles in enhancing medical welfare in the local community.
3. To produce doctors and nurses who can work in a global environment and share their universal values.

Educational Objectives [Master's in Nursing Course]

1. To produce nursing educators and researchers with deep compassion and respect for human dignity and rights, research competence, and medical ethics.
2. To produce nursing professionals with superior problem-solving abilities and leadership.
3. To produce nursing professionals with the ability to contribute to local health care, medicine, and welfare through nursing activities.

Redefined Missions

We redefined our missions after discussion with the Ministry of Education, Culture, Sports, Science and Technology. We looked at our strengths, characteristics, and social roles and took into account objective data concerning levels of research, educational achievement, and university-industry collaboration. Based on the redefined missions, we aim to fulfill our social responsibilities by strengthening our unique characteristics, developing education, research, and medicine, and fostering motivated medical professionals.

Medical Science

- Based on our founding principles, we aim to actively nurture prospective doctors and researchers capable of contributing to medical and welfare improvement rooted in community medicine, and to promote the admission of students who are strong-willed and determined to devote themselves to community medicine, collaborating with high schools and medical organizations in Hokkaido.
- We aim to promote unique and distinctive research, develop new medical technology, enhance medical standards, nurture individuals for future generations, making the utmost of research rooted in regional medicine, including telemedicine-related research—an area of research which is of particular importance in Hokkaido, as well as cerebral functional medical engineering research for aging societies.
- We intend to create innovations from Japan and put theory into practice by strongly promoting the transfer of basic research achievements into clinical practice.
- We endeavor to contribute to the solution of the problem of the uneven distribution of doctors across Hokkaido by cooperating with the prefecture and seamlessly fostering career formation and producing doctors who will work in Hokkaido.
- We aim to fulfill a central role in regional medicine serving as a regional cancer care coordination core hospital, a critical care center, a regional perinatal medical center, and a disaster base hospital.

Nursing Science

- Based on our founding principles, we aspire to nurture prospective nursing professionals that have deep compassion and respect for human dignity and rights and the ability to think and who will contribute to medical and welfare improvements rooted in community medicine. We plan to introduce the Objective Structured Clinical Examination (OSCE) to evaluate their learning performance before they commence nursing practice, and to enhance their academic experience by improving the curriculum and learning environment to meet their desire to learn.
- We aim to produce highly advanced professionals, including nurses specialized in cancer, capable of dealing with the elderly. We want to foster individuals with strong leadership skills, and to contribute to health care in local areas including the northern and eastern parts of Hokkaido, solving the problem of the lack of nurses by providing support to nurses who have temporarily left their jobs to help them return to work.
- We want to contribute to the general health of local residents, including the northern and eastern parts of Hokkaido, with its vast geography and severe climate, making the utmost of telenursing-related research, and to contribute to our global society, fostering global-minded medical professionals with experience in training medical personnel in health administration who have knowledge of maternal and child health in developing countries.

Asahikawa Medical University's Fundamental Objectives (Fourth Medium Term)

Based on our founding principles to produce individuals to be involved in regional medicine, Asahikawa Medical University, aiming to further develop education, research, and medicine, to nurture devoted medical professionals, and to contribute to society, has the following basic objectives.

1. To provide education to enhance deep compassion and respect for human dignity and foster basic abilities to help students become medical professionals with global perspectives who have practical abilities as well as having abilities to do research.
2. To cultivate research-mindedness and encourage unique and quality research.
3. To activate local communities through co-creation with stakeholders.
4. To enrich regional medicine, promote advanced medicine, and provide safe and high-level medical care by cooperating with multiple professions.
5. To check and review university governance and establish a stable financial underpinning.

Diploma Policy

School of Medicine (Doctor of Medicine Degree)

The School of Medicine at Asahikawa Medical University grants a Doctor of Medicine degree to those who have completed the academic requirements in the curriculum in accordance with the educational objectives and obtained the following:

Attitudes—A Sense of Ethics and Professionalism

1. A respect for the dignity of life, understanding of medical ethics, and a positive attitude toward medical practices based on a team approach to medicine

Knowledge—Adequate Knowledge about Medical Science and Related Fields and the Ability for Lifelong Learning

1. A broad knowledge of liberal arts and fundamental knowledge of basic, clinical, and social medicine and to be able to explain the necessity of lifelong learning and its methodology for its application to medical practices

Skills—Holistic Medical Skills, Basic Consultation Skills, and Practical Clinical Skills

1. The ability to communicate with patients and their families with deep compassion and respect
2. The ability to help patients maintain and enhance their health appropriately through a thorough understanding of them, and to have the ability to offer clinical care
3. The ability to plan medical treatments for acute / chronic medical problems on the basis of the principles of safe consultations and treatments

Thinking and Judgement—Problem-Solving Abilities, Developmental Consultation Abilities, and Research Abilities

1. An understanding of the significance of research on basic, clinical, and social medicine, and to be able to apply it to actual medical settings, objectively collecting and evaluating scientific information
2. The ability to draw up logically and ethically valid research plans in order to create and spread innovative information

Willingness—Ability to Contribute to Communities in Japan and Throughout the World

1. The ability to understand the necessity and methodology of our contribution to domestic and international communities through medical practices and research, and to understand social needs related to medical treatments

School of Nursing (Bachelor's Degree)

The School of Nursing at Asahikawa Medical University grants a Bachelor of Nursing degree to those who have completed the academic requirements in the curriculum in accordance with the educational objectives and have obtained the following characteristics:

Attitudes—Fulfillment of Social Roles in Nursing Based on Ethics

1. An attitude toward sincere and sensible nursing practices rooted in high ethical standards
2. An attitude toward nursing practices with the awareness of nurses' mission in society

Willingness—Ability to Contribute to Domestic Communities and Communities Around the World

1. The willingness to solve problems through nursing practices and research based on social needs related to medical treatments, health care, and welfare in domestic communities and those around the world
2. The devotion to train themselves continually as nursing professionals

Knowledge—Adequate Knowledge about Nursing Science and Related Fields and the Ability for Lifelong Learning

1. A broad knowledge of liberal arts and specialist knowledge of nursing

Thinking and Judgment—Problem-Solving Ability, Developmental Thinking Ability, and Research Ability

1. The ability to recognize nursing problems from a research perspective and the thinking ability to solve the problems

Nursing and Communication Skills—Evidence-based, Practical, Basic Nursing Skills

1. The skills to conduct evidence-based basic nursing practices and communication skills according to each patient's life stage and health assessment

The Graduate School of Medical Science (Ph.D. Courses: Clinical Research Course and Research Course)

The Graduate School of Medical Science at Asahikawa Medical University grants a Ph.D. degree to those who have completed the academic requirements in the curriculum in accordance with the educational objectives, passed the thesis examinations, and attained the following:

Attitudes—A Sense of Ethics and Professionalism

Research Course

1. A respect for the dignity of life, understanding of medical and research ethics, the ability to implement basic research with a respectful and ethical spirit, and an attitude toward recognizing and solving problems by themselves and conducting world-class, high quality research, inspiring specialists in related fields

Clinical Research Course

1. A respect for the dignity of life, understanding of medical and research ethics, and the ability to conduct highly advanced medical practices based on a team approach to medicine
2. A willingness to find and explore problems responsibly

Knowledge—Adequate Knowledge about Medical Science and Related Fields and the Ability for Lifelong Learning

Research Course

1. A deep and broad knowledge of basic medical research, basic medical knowledge about the relationship between one's own basic medical research and its related fields so as to conduct actual cutting-edge research
2. An understanding of the necessity of lifelong learning and its methodology

Clinical Research Course

1. A specialized knowledge of clinical and social medicine grounded in basic medicine so as to conduct actual medical treatments and research
2. An understanding of the necessity of lifelong learning and its methodology

Skills—Holistic Medical Skills, Basic Consultation Skills, Practical Clinical Skills, and Research Conducting Skills

Research Course

1. An intellectual curiosity originating in a profound compassion and respect for human dignity and rights, and the ability to implement professional and distinctive basic research

Clinical Research Course

1. Compassion, Respect, and Understanding for Patients and their Families and the ability to communicate with them to help them maintain and enhance their health in an appropriate manner, and practical abilities to offer clinical care
2. The ability to conduct clinical research, highly specialized diagnoses and treatments

Thinking and Judgement—Problem-Solving Ability, Developmental Consultation Ability, and Research Ability

Research Course

1. An understanding of the significance of the research on basic medicine, collecting and objectively evaluating scientific information, and applying such information to one's own research
2. The ability to pursue unsolved problems with a logical, scientific, and exploratory mind

Clinical Research Course

1. An understanding of the significance of research on basic, clinical, and social medicine by collecting and objectively evaluating scientific information and applying such information to actual medical settings
2. The ability to explore unsolved questions in a logical and scientific manner

Willingness—Ability to Contribute to Domestic Communities and Communities Around the world

Research Course

1. The ability to contribute to the medical and clinical development of domestic communities and those overseas by undertaking basic medical research activities

Clinical Research Course

1. An understanding of social needs for medical treatments and to be able to contribute to domestic and international communities through clinical research and professional medical practices

The Graduate School of Nursing Science at Asahikawa Medical University Medical Related Research Diploma Policy

We aim to foster graduates with:

1. A deep knowledge of nursing and interdisciplinary fields, high ethical standards, a willingness to solve problems, and problem-solving abilities based on expertise knowledge and skills and scientific evidence.
2. Profound compassion and respect for human dignity and rights, and the professional practical ability to support those in need from their perspectives.
3. Logical thinking and the ability to conduct research on nursing phenomena and practical skills in health and medical care and welfare settings.
4. The ability to cooperate and collaborate with interdisciplinary teams contributing to the improvement of health and medical care and welfare by conducting advanced nursing practice and research both domestically and internationally.
5. The willingness to work in a medical team and to improve the quality of nursing care and the highly advanced professional ability to practice evidence-based, analytic and scientific nursing practice.

Curriculum Policy

Medical Course of the School of Medicine (Doctor of Medicine Degree)

The Medical Course of the School of Medicine at Asahikawa Medical University offers a curriculum with four types of programs and encourages their systematic completion: the Basic Liberal Arts Program for a broad understanding of various value systems found in medical fields, the ICM (Introduction to Clinical Medicine) Program for the cultivation of professionalism and acquisition of introductory knowledge and skills across related fields of clinical medicine and the Basic and Clinical Medicine Programs for more advanced practical knowledge and skills. The Medical Course reorganized the Compulsory Elective Courses in the ICM Program, adjusting its curriculum to reflect rapid progress in basic and clinical medicine.

The Medical Course designs the curriculum and makes explicit the above policy. In addition, students are expected to attain the following:

Attitudes—A Sense of Ethics and Professionalism

✓ A respect for the dignity of life, understanding of medical ethics, and a positive attitude toward medical practices based on team-approach medicine.

1. To help understand ethical principles as medical professionals, Introduction to Medical Science I – IV are included in the ICM Program for the first year for students to enhance their systematic learning.

Knowledge—Adequate Knowledge about Medical Science and Related Fields and the Ability for Lifelong Learning

✓ A broad knowledge of liberal arts and basic knowledge of basic, clinical, and social medicine and understanding of the necessity of lifelong learning and its realization in order to apply this knowledge.

2. The classes in the Basic Liberal Arts Program, aiming to help acquire a broad knowledge on culture, society, nature, and various value systems, are optional.
3. For cultivation of professionalism and acquisition of introductory knowledge and skills across related fields of clinical medicine, the classes in the ICM Program are compulsory.
4. In order to be able to develop a self-motivated learning style and enhance active learning and a solid understanding of one's specialized field, in addition to the lecture-style and practice-style Basic Liberal Arts Program and Basic and Clinical Medicine Programs, the seminar-styled Tutorial System in Medicine I –V in the ICM Program is taken systematically beginning in the freshman year.

Skills—Holistic Medical Skills, Basic Consultation Skills, and Practical Clinical Skills

✓ A deep compassion and respect for patients and their families and the ability to communicate with them.

✓ An understanding of patients that helps them maintain and enhance their health in an appropriate manner, and basic abilities to offer.clinical care

✓ The ability to plan medical treatments for acute/chronic medical problems on the basis of the principles of consultations and safe treatments.

5. Practice in Psychology and Communication, a subject in the Basic Medicine Program to facilitate medical communication based on psychological understanding, is offered in the freshman year.
6. In order to help understand medical principles of diagnoses and treatments based on major symptoms, Symptomatology is offered in the first year, and Tutorial System in Medicine III - IV in the ICM Program and Clinical Symptoms and Problems in the Clinical Medicine Program are linked and offered in the senior year.
7. In order to help acquire basic diagnostic abilities and clinical reasoning abilities necessary for bedside learning, Introduction to Clinical Clerkship in the Clinical Medicine Program and Tutorial System in Medicine V in the ICM Program that is taught in a team-based learning style are linked and offered in the senior year.
8. Bedside learning is offered in the fourth and fifth years by rotating all the clinical subjects, and, in the fifth and sixth years, it is offered in the form of a clinical clerkship as a required subject held on a four-week basis mainly in the basic clinical departments.

Thinking and Judgement—Problem-solving Ability, Developmental Consultation Ability, and Research Ability

✓ An understanding of the significance of research in basic, clinical, and social medicine, and to be able to apply it to actual medical settings, objectively collecting and evaluating scientific information

✓ The ability to draw up logically and ethically valid research plans in order to spread innovative information.

9. The following subjects (the first three in the Basic Liberal Arts Program and latter eight in the Basic Medicine Program) are offered systematically in the first year: Laboratory Course in Basic Biology, Laboratory Course in Medical Physics, Laboratory Course in Basic Chemistry; Laboratory Course in Biochemistry, Laboratory Course in Human Anatomy I and II, Laboratory Course in Physiology, Laboratory Course in Pharmacology, Laboratory Course in Microbiology, Laboratory Course in Parasitology, Practice in Hygiene and Public Health, and Laboratory Course in Forensic Medicine.
10. Clinical Epidemiology is included in the Clinical Medicine Program to apply information from clinical science to research, and Medical Research Special Seminar, a seminar in the ICM program, is offered in the fourth year to help enhance the abilities of medical researchers by providing activities in which students apply various types of knowledge acquired to solving real problems.

Willingness—Ability to Contribute to Communities in Japan and Throughout the World

✓ The ability to understand the necessity and methodology for the contribution to domestic and global communities through medical practice and research, and an understanding of social needs related to medical treatment.

11. In order to help acquire, beginning systematically in the first year, the ability to contribute to local and international communities, the following subjects are included in the ICM Program and the Clinical Medicine Program: Community Medicine: lectures about the problems of regional medicine, especially in regions in Hokkaido, and Medicine for People with Disabilities to learn the medical needs of vulnerable people in the local area.
12. In order to help learn how to contribute to the international community through medical research, Medical Research Special Seminar is offered in the fourth year.

Policy on Evaluating Academic Achievement

1. Academic achievement will be evaluated based on examinations, papers, and classroom tasks in lectures. In seminars and practical training, it will be based on comprehensive results of tasks and papers. In Medical Research Special Seminar, achievement will be evaluated based on participation and presentations of research activities. In bedside learning, it will be evaluated based on the criteria of each department, such as rubric evaluation methods and papers.
2. Goal achievement at the time of graduation, competency-based assessments, comprehensive evaluation of knowledge, skills, and attitude will be based on the Evaluation List Corresponding to Competency in the Medical Course.
3. To improve our medical education, we continuously review our curriculum. The procedure is indicated in the Assessment Policy.

Nursing Course of the School of Medicine (Bachelor's Degree)

The Nursing Course of the School of Medicine at Asahikawa Medical University, to meet newly-arising social needs in medical and nursing sciences such as the advent of an aging society and rapid advances in medical care, conducts basic education in nursing science to produce nursing professionals with practical nursing abilities supported by a broad knowledge of liberal arts. The course also offers optional subjects for those who wish to be public health nurses and midwives.

The Nursing Course of the School of Medicine at Asahikawa Medical University offers a curriculum with three types of programs and encourages their systematic completion: General Basic Subjects, Basic Specialized Subjects, and Specialized Subjects. Specialized Subjects consist of three stages: Basics of Nursing Science, Characteristics of Nursing and Nursing Science, and Development and Exploration of Nursing Science. It also offers Community-based Integrated Care Ⅰ to Ⅳ in each academic year and a Community-based Integrated Care Practicum in the third year.

The Nursing Course aims to produce practical nursing individuals with developmental and systematic education combining the teaching methods of lectures, seminars, and practical training.

We, in the Nursing Course, have designed this curriculum which makes explicit the policy above, as well as requiring the following:

Attitudes—Fulfillment of Social Roles in Nursing Based on Ethics

✓ A sincere attitude focusing on practical nursing rooted in high ethical standards.

✓ An attitude toward nursing practices with the awareness of nurses' missions in serving their communities.

1. In order to help understand medical ethics required for nursing professionals, Introduction to Nursing Science, Communication Theory, and Theories of Lifespan Development are offered in the first year and Medical Ethics in the second year.
2. In order to help students prepare for nursing practice as a member of a medical team Early Practical Training I is offered for first year experience in the first year as well as Early Practical Training II in the second year.
3. In order to help students feel awe and respect for human physiology and to raise a sense of awareness and responsibility as medical professionals, the Applied Physiology Laboratory Course is offered.
4. In order to help students acquire an appropriate attitude as nursing professionals, Freshman Seminar is offered in the first year, Clinical Training for Nurses throughout the four years and the Comprehensive Nursing Practicum is offered in the fourth year.

Willingness—Ability to Contribute to Communities in Japan and Throughout the World

✓ The willingness to solve problems through nursing practices and research based on social needs. related to medical treatments, health care, and welfare in Japan and communities throughout the world

✓ The devotion to train themselves continually as nursing professionals.

5. In order to help students acquire learning skills required in the undergraduate course, Freshman Seminar is offered in the first year for first year experience, improving student motivation.
6. In order to help students become interested in regional medicine and explore medical needs specific to Hokkaido, Early Exposure I and II are offered in the first and second years, giving students opportunities to practice nursing in neighboring areas and districts.
7. In order to help students explore and learn how to support those living in their home communities, Community-based Integrated Care I – IV are offered during the four years.
8. In order to enhance the ability to help local and overseas communities through nursing practices and research, Community Nursing is offered in the first year, English Reading Seminar in the third year and International Health and Disaster Nursing in the fourth year.

Knowledge—Adequate Knowledge about Nursing Science and Related Fields and the Ability for Lifelong Learning

✓ A broad knowledge of liberal arts and a specialist knowledge of nursing.

9. Various optional Liberal Arts classes in the category of General Basic Subjects are offered, such as an Introduction to Japanese Sign Language. These classes focus on understanding patients with diverse needs and aim to help students acquire a broad knowledge of society, nature, and various culture and value systems. Required classes include Freshman Seminar and Information Literacy to help students acquire learning skills and form a career vision.

10. In order to understand human beings not only as biological organisms, but as people who exist within a society, students are required to take classes in Basic Specialized Subjects, which include classes on the human body and mind, which are offered in the first year, and classes on diseases, treatments, and pharmacology are offered in the second year. In order to understand health, medicine, and the welfare of groups of people and communities, Health, Medical, and Welfare System is offered in the third year.
11. In order to help students acquire a wide range of knowledge on clinical care, fundamental knowledge on nursing science, and a range of subjects on the developmental features of human beings and nursing treatments, we offer in the second and third years Adult Nursing I (Health Condition and Nursing Care), Adult Nursing II (Health Disorder and Nursing Care), Gerontological Nursing I (The Elderly and Nursing Care), Gerontological Nursing II (Life Impairment in Late Life and Nursing Care), Pediatric Nursing, Maternity Nursing, and Psychiatric Nursing. To explore nursing practice in depth, we also offer as compulsory classes Home Care Nursing, Cancer Nursing, and Team Medical Care and Rehabilitation Nursing. For elective classes, we offer Dementia Care, Critical Care Nursing, Cancer Nursing II (Cancer Survivorship), Cancer Nursing III (End of Life Care). These are available in the third and fourth years. In addition, we offer compulsory classes for the public health nurse course and the midwife course, enabling students to learn both basic and advanced knowledge in public health nursing and midwifery during the four years.

Thinking and Judgment – Problem-Solving Ability, Developmental Thinking Ability, and Research Ability

✓ The ability to examine nursing questions and problems from a research perspective and the ability to solve these issues.

12. In order to foster critical thinking, Freshman Seminar, in which students acquire learning skills through group work, role play, presentation, etc., is offered in the first year. In the second year, Basic Nursing Skills IV, in which students practice the nursing process based on a problem-solving approach, Physical Assessment for Nursing, in which students learn how to assess patients' health status, and Health Statistics, in which students learn how to deal with medical statistics, are offered. In the third year we offer Epidemiology, in which students understand health phenomena of individuals, groups, and local communities.
13. In order to help acquire basic abilities to apply knowledge gained throughout actual nursing settings, Freshman Seminar is offered in the first year, Nursing Research in the third year, and Advanced Nursing Research in the fourth year.

Skills and Communication – Evidence-based, Practical, Basic Nursing Skills

✓ The skills to conduct evidence-based basic nursing practices and communication skills according to each patient's life stage and health assessment.

14. Basic Nursing I, II, III, and IV and Physical Assessment for Nursing are offered in the first and second years so that students can acquire basic nursing skills. Basic Nursing Training I is offered in the first year to help students understand patients' daily lives and nursing in general. Basic Nursing Training II is offered in the second year to provide students with opportunities to practice the nursing process.
15. Training subjects, such as Advanced Nursing Skills I (Adult Nursing) and II (Psychiatric, Maternity, and Pediatric Nursing) are offered in the third year and Advanced Nursing Skills III (Gerontological and Home Care Nursing) in the fourth year to teach nursing skills integrated with knowledge about nursing science that has been gained though the classes in each field in the second year and to teach practical nursing abilities.
16. The curriculum is designed for students to take the OSCE test (Objective Structured Clinical Examination) in the third year to ensure their knowledge and skills before participating in Clinical Training for Nurses. It also offers nursing training in specialized areas in the third and fourth years for individual nursing practice, so students understand the characteristics of patients' life stages and their health issues.
17. Comprehensive Nursing Practicum; the opportunity in which students are involved in training held at night and with multiple patients, is offered in the fourth year to further improve practical nursing abilities.

Policy on Evaluating Academic Achievement

1. Academic achievement will be evaluated based on examinations, papers, and classroom tasks in lectures. In seminars and practical training, it will be based on comprehensive results of tasks and papers. In Nursing Research, the achievement will be evaluated based on participation and presentations of research activities. In Clinical Training for Nurses, it will be evaluated based on the criteria of each department, such as rubric evaluation methods and papers.
2. Goal achievement at the time of graduation, competency-based assessments, comprehensive evaluation of knowledge, skills, and attitude will be based on the Evaluation List Corresponding to Competency in the Nursing Course.
3. To improve our nursing education, we continuously review our curriculum. The procedure is indicated in the Assessment Policy.

The Graduate School of Medical Science (Ph.D. Degree)

The Graduate School of Medical Science at Asahikawa Medical University (Ph.D. degree) offers two courses: the Research Course, in which students aim to conduct cutting-edge research in their specialized fields, and Clinical Research Course, in which students foster their abilities to advance clinical research and tests. In both courses, professors in the same field of research provide individual guidance to students' research. Students are engaged in research activities in a liberal and academic atmosphere, acquiring attitudes, knowledge, skills, thinking and judgment abilities through Advanced Lectures, Advanced Medical Practice, and Advanced Experiment and Practice on a step-by-step basis according to the progress of students' research. By achieving the goal of research and writing up a doctoral dissertation, students will feel a sense of accomplishment and become motivated to continuously contribute to local communities and international societies. At the same time, through participating in a series of two-year lectures beginning in the first year (Advanced Medical Science, Foundation of Medical Science, and Medical Thesis), students can communicate with other researchers in the university and acquire the ability to carry out medical research: essential basic knowledge, broad application knowledge, and a grounding in ethics as researchers. Our comprehensive and systematic education produces individuals ready to take leading roles in supporting future medical science and meeting the needs of societies.

Although students must choose one of the two courses at first, they can switch to the other course as their research is being conducted. If found to be beneficial to their research, they can be advised by other professors at the graduate school and visit other institutes such as graduate schools and research laboratories, domestic or international, to deepen their research. Students can start their research activities at the graduate school in their first year of being a junior resident. By taking online lectures available on the website of the graduate school as well as taking lectures at our university, they can complete some classes based on their research and training schedules. The graduate school makes every effort to foster students' active learning and provide a flexible curriculum.

Academic achievement will be evaluated based on predetermined criteria in general classes, specialized classes, and a doctoral dissertation. The doctoral dissertation will be evaluated in the following procedure; examination by a dissertation committee organized by the board of the graduate school and presentation at a defense.

The Graduate School of Nursing Science (Master's Degree)

The Graduate School of Nursing Science at the Medical Related Research of Asahikawa Medical University offers a systematic curriculum that produces highly advanced medical professionals in nursing who have expertise and knowledge on health, medicine, and welfare, a high sense of ethics, and perspectives from various disciplines, so that they can conduct evidence-based practice and research in order to solve health issues.

The Master's Thesis Course offers general education subjects to help acquire basic knowledge on research, and students will develop abilities to conduct research activities through Advanced Lecture, Advanced Nursing Practice, and Advanced Research.

The Advanced Practice Course offers general education subjects and specialized subjects on cancer nursing and is designed to develop students' highly professional knowledge and practical abilities required for being a certified nurse specialist in cancer nursing and gerontological nursing, developing practical abilities in highly advanced nursing.

Academic achievement will be evaluated based on the diploma policy and the purpose and goal of each class. Evaluation targets, including oral presentations, class discussion, papers, and written tests, may vary depending on individual classes.

In order to submit an outstanding master's thesis written in an evidence-based methodology, students will be provided with appropriate advice and guidance as indicated in a research guidance plan.

The progress of research for the master's thesis and the advanced project will be checked in research plan presentations to be held each year.

Based on thesis evaluation specific criteria, the master's thesis will be evaluated and judged whether it is satisfactory.

Admission Policy

The following is the admission policy based on our educational philosophy and objectives.

Asahikawa Medical University seeks those students who are aptly suited for careers as doctors and nurses, who have an interest in the local community, and who have the motivation and vigor required to recognize and solve problems.

Undergraduate

The Students We Seek

I . Propensity for Careers as Doctors and Nurses

- ✓ Respect for all forms of life;
- ✓ The autonomy to act responsibly according to social norms and morals;
- ✓ Respect and consideration for others;
- ✓ The social abilities to build favorable interpersonal relationships between diverse people;
- ✓ The determination to become educated in various fields of scholarship;
- ✓ The ability to continue learning to become well-informed of updated knowledge and skills;
- ✓ Having qualities to practice team-based medicine

II. Interest in Local and Global Communities

- ✓ A deep attachment to their own local communities and residents;
- ✓ The determination to contribute to their local communities and societies as a whole with global perspectives

III. Motivation and Vigor to Recognize and Solve Problems

- ✓ The abilities to recognize problems correctly by logically applying their knowledge and skills from a bird's-eye view and try to solve the problems

Qualities New Students Are Expected to Have Acquired

Interest, Willingness, and Attitude
Genuine wish to be considerate to others and contribute to society as future doctors and nurses

Knowledge and Skills
Basic academic abilities to learn medicine and nursing, problem-identification skills, and abilities to apply knowledge

Thinking, Judgment, and Expressiveness
Ability to think logically and make a reasonable judgement necessary to identify and solve problems, and ability to communicate orally and in writing effectively

Autonomy, Diversity, and Cooperativeness
Self-analysis ability and qualities to cooperate with others and build favorable relationships, and experience of autonomous activities, such as comprehensive learning periods and extracurricular activities in high school

It is desirable to have acquired the following knowledge and skills in each subject in secondary education:

Japanese
Correct comprehension of others and appropriate expression of one's opinions in Japanese to build favorable personal relationships.

Social Studies
Knowledge of history, geography, and civics, which help to act in society in a responsible and sensible way.

Math
Basic mathematical knowledge and the ability to consider and express everyday phenomena mathematically and to make mathematically grounded judgments.

Science
The ability to deeply consider natural science in general and to make scientific judgments about everyday phenomena based on one's own knowledge.

English
Correct comprehension of others and appropriate expression of one's opinions in English to build favorable personal relationships both in Japan and around the world.

Information
Acquisition of the skills to use information and information technology, and the ability to use information technology appropriately in order to identify and solve problems related to various phenomena.

Basic Admission Policy

Below is the table of admission selection methods and evaluation items in each admission type.

Medical Course

	Admission Selection Methods	Evaluation Items				
		Knowledge and Skills	Thinking, Judgement, and Expression	Interest, willingness and Attitude	Independence, Diversity, and Cooperativity	Note
February and March Exam	Common Test for University Admissions	○	○			A positive evaluation will be given to applicants with the knowledge, skills, and abilities to think, judge, and express.
	Individual Test	○	○			
	Interview and School Report			○	○	
Selective Admission	Common Test for University Admissions	○	○			A positive evaluation will be given to applicants with academic ability and a strong willingness to contribute to medicine and societies in Hokkaido.
	Essay	○	○			
	Interview and School Report			○	○	
Selective Admission by Recommendation	Common Test for University Admissions	○	○			A positive evaluation will be given to applicants with academic ability and a strong willingness to contribute to medicine in the northern and eastern parts of Hokkaido and the northern and central parts of the Sorachi district.
	Essay	○	○			
	Interview and School Report			○	○	
International Students at Private Expense	Individual Test	○	○			Transcript issued by last school and the result of the Examination for Japanese University Admission for International Students by Japan Student Services Organization will be evaluated comprehensively.
	Interview			○	○	
Transfer Examination (in the Second Year)	Individual Test	○	○			Academic achievement in the last university and qualities gained from work experience will be evaluated. A positive evaluation will be given to applicants with an understanding of regional medicine in Hokkaido and strong willingness to contribute to medicine in Hokkaido.
	Interview			○	○	

Nursing

	Admission Selection Methods	Evaluation Items				
		Knowledge and Skills	Thinking, Judgement, and Expression	Interest, willingness and Attitude	Independence, Diversity, and Cooperativity	Note
February Exam	Common Test for University Admissions	○	○			A positive evaluation will be given to applicants with the knowledge, skills, and the abilities to think, judge, and express.
	Essay	○	○			
	Interview and School Report			○	○	
March Exam	Common Test for University Admissions	○	○			A positive evaluation will be given to applicants with the knowledge, skills, and the abilities to think, judge, and express.
	Interview and School Report			○	○	
By Recommendation	Interview and School Report	○	○	○	○	A positive evaluation will be given to applicants with abilities and aptitude as well as a strong willingness to learn nursing and a determination to perform practice and guidance in specialized nursing fields in the future.
International Students at Private Expense	Individual Test	○	○			Transcript issued by the last school and the result of the Examination for Japanese University Admission for International Students by Japan Student Services Organization will be evaluated comprehensively.
	Interview			○	○	

Graduate School

Ph.D. Course (Medical Science)

We look for students who have:

1. The intellectual curiosity and intention to do research in biomedical science, social medicine, and clinical medicine;
2. The passion to contribute to society though medical and clinical activities;
3. The desire to perform and share research achievements with the world;
4. The academic grounding and logical thinking required to recognize problems for themselves and conduct research;
5. The linguistic abilities required to gather necessary information, write and present papers;
6. The communicative and cooperative abilities to build mutual trusting relationships with others.

Basic Policy of Admission

In order to screen them from multiple perspectives based on the admission policy above, we evaluate applicants comprehensively. We go through the results of examinations to decide whether they have acquired basic academic knowledge, and judge their performance in an interview to consider their aptitude as medical professionals and researchers, and we review their academic transcript.

Master's Course (Nursing Science)

1. Those who have keen awareness of problems and a strong sense of ethics that are willing to solve problems in a logical, evidence-based manner;
2. Those who have basic knowledge in professional areas that they would like to be specialized in;
3. Those who have a true sense of compassion and willingness to play leading roles in education, research, and practice in nursing to contribute to the development of health, medicine, and welfare.
4. Those who have abilities to conduct research and solve problems independently and to communicate to contribute across disciplines to health, medicine, and welfare.
5. Those who are willing to play leading roles in nursing practice and perform research as certified nurse specialists.

Basic Policy of Admission

In order to screen them from multiple perspectives based on the admission policy above, we evaluate applicants comprehensively. We review and essay they have written to judge their abilities to understand, think logically, and express clearly. We analyze their performance in an oral examination about their intended specialized areas to consider the level of their inquiring minds and enthusiasm for research, in addition to reviewing their academic transcript.

Topics

50th Anniversary Ceremony, Commemorative Lecture, and Celebration Held

On November 4 (Saturday), 2023, the 50th anniversary ceremony and commemorative lecture for Asahikawa Medical University were held at the Art Hotel Asahikawa. The event was attended by numerous distinguished guests, including Mr. Saijo, Director-General of the Ministry of Education, Culture, Sports, Science and Technology; Mr. Hamasaka, Vice Governor of Hokkaido; and Mr. Imazu, Mayor of Asahikawa.

In the first part, President Yuji Nishikawa delivered the opening address, and congratulatory remarks were received from the guests. A video message was also provided by Professor Emeritus Kiyohiro Houkin, President of Hokkaido University. Additionally, reports on social contributions were presented: Executive Director Hiroyuki Furukawa and Hospital Director Nobuyoshi Azuma reported on medical activities, Assistant to the President Yuichi Makino and Head of the Nursing course Yumiko Masuda on educational activities, and Vice President Junichi Kawabe on research activities.

In the second part, a commemorative lecture was delivered by Ryozo Nagai, President of Jichi Medical University, titled "The Reception of Modern Medicine in Japan and the Struggles of University Hospitals."

Following the lecture, a celebration was held at a different venue, where congratulatory messages were received from Chairman and President Yamashita of Sapporo Medical University and Chairman Takiyama of the Asahikawa Medical Association, respectively. The event concluded successfully.

We extend our heartfelt gratitude to everyone who attended the event, as well as to those who sent their congratulations and well-wishes.

Reaffirming our mission to support regional medical care in Hokkaido, cultivate excellent doctors and nursing professionals, and contribute to the development of medicine and nursing through unique research activities and advanced medical practices, we will continue to strive towards achieving these goals. We look forward to your continued guidance and support.

(The positions mentioned in this article are as of November 4, 2023, the date of the ceremony)

Release of the 50th Anniversary Commemorative Research Activity Introduction Video: "Revival of Research Activities at Our University"

The video introducing the research activities of Asahikawa Medical University, which was showcased at the university's 50th anniversary ceremony (held on November 4 (Saturday), 2023), is now available on our university's website. We invite you to view it (available only in Japanese).

Asahikawa Medical University 50th Anniversary Commemorative Research Activity Introduction Video: "Revival of Research Activities at Our University"

○ **Expansive Collaborative Research Activities**

- Professor Junichi Kawabe in the Department of Biochemistry, 'Vascular Research Cluster, and Intra- and Inter-university Collaborative Activities'
- Specially Appointed Professor Naoto Matsuno in the Department of Transplantation Technology and Therapeutic Development, 'Assistance System TR for Kidney Transplantation: Industry-Academia Collaborative Activities'
- Professor Mikihiro Fujiya in the Department of Internal Medicine (Gastroenterology), 'TR Research on Microbial-Derived Molecules: Industry-Academia-Government Collaboration Activities'

○ **New Research Activities Launching at Our University**

- Professor Koh Nakayama in the Department of Pharmacology, 'Pharmacology: Research on HIF'
- Professor Hideki Hara in the Department of Infectious Diseases (Microbiology and Immunochemistry), 'Microbiology: Research on Inflasomes'
- Professor Gentaro Iribe in the Department of Physiology (Autonomous Function), 'Physiology: Research on Muscle Contraction Mechanisms'
- Professor Yoshiaki Takewa in the Advanced Medical Engineering Research Center, 'Biomedical Engineering Research Activities'

○ **Prominent Research Activities (Young Researchers Leading the Next Generation)**

- Associate Professor Takayuki Ohkuri in the Department of Pathology (Immunopathology), 'Research on Tumor Immunity'
- Associate Professor Daisuke Koga in the Department of Anatomy (Microscopic Anatomy and Cell Biology), 'Research on Tissue Morphology'
- Lecturer Kyohei Oyama in the Department of Surgery (Cardiovascular Surgery), 'Cardiac Regeneration, Vascular Bypass'

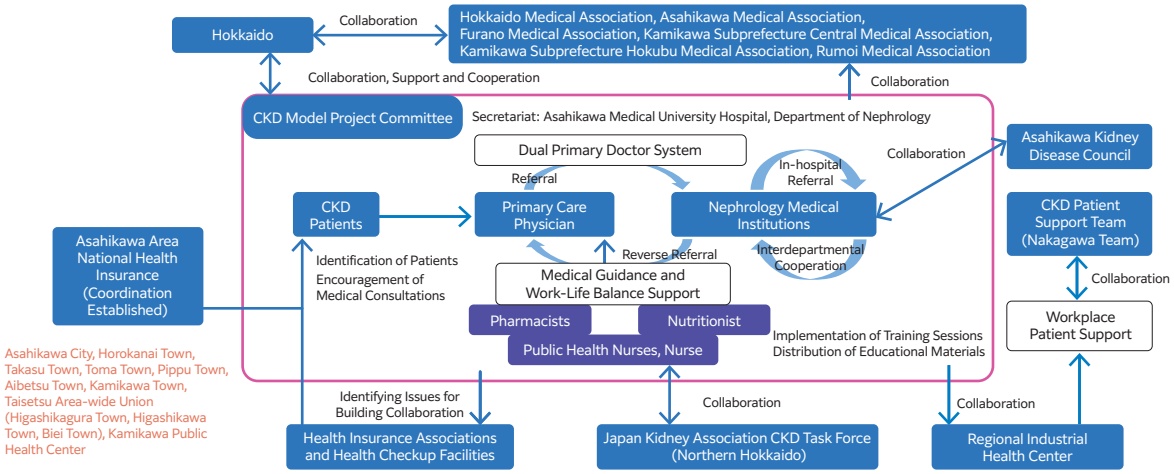
Publication of Asahikawa Medical University Research Annual Report

The Asahikawa Medical University Research Annual Report has been introduced in 2024 to promote research activities and achievements by publishing the research activities and accomplishments of each department. The Research Annual Report 2022 compiles reviews, commentaries, papers, books, research presentations, and academic-related activities that were published and conducted by the faculty members of Asahikawa Medical University in AY 2022. It can be viewed via the QR code (available only in Japanese).

Adopted for the 2024 Model Project for Establishment of Clinical Practice System and Multi-Professional Collaboration to Prevent Severe Chronic Kidney Diseases (CKD)

Our university was adopted as one of six institutes in Japan for the 2024 Model Project for Establishment of Clinical Practice System and Multi-Professional Collaboration to Prevent Severe Chronic Kidney Diseases (CKD).

We have received high praise for our achievements in building close cooperation with Hokkaido and Asahikawa City over the years. Based on the activities of the Asahikawa Area Council for Prevention of Severe Diabetic Nephropathy, we will continue to promote the construction of the 2024 model project for the establishment of a clinical practice system and multi-professional collaboration with local nephrology specialists.



Purpose of the Project

○ The kidney is said to be a "silent organ," with few subjective symptoms, and in many cases the disease has already progressed by the time symptoms are recognized. The estimated number of CKD patients is about 130,000 and if CKD worsens to the point of end-stage renal failure, dialysis is required, which significantly impairs the quality of life of patients and incurs high medical costs. On the other hand, early detection and appropriate treatment can avoid dialysis, extend healthy life expectancy, and shorten the number of years of dialysis by delaying the start of dialysis.

○ The issues identified through the Model Project for Establishing Cooperation in Chronic Kidney Disease (CKD) Clinical Practice and the Health and Labor Sciences Research Project, both of which were conducted in AY2019-AY2022, include the necessity of involvement from health insurance associations and similar organizations, the importance of coordination within hospitals and between medical departments. There is a need for multidisciplinary collaboration in therapeutic guidance targeting the working-age population, and we have to involve companies to support balancing work and health, taking into account perspectives from industrial physicians and other relevant viewpoints.

○ Taking these issues into account, we will implement the Model Project for Establishment of Clinical Practice System and Multi-Professional Collaboration to Prevent Severe Chronic Kidney Diseases (CKD). The goal is to prevent the worsening of CKD and to maintain and improve the quality of life for patients.

(Excerpt from Model Project Public Recruitment Guidelines, the Ministry of Health, Labour and Welfare Health Bureau)

Establishment of the Academic Research Award System

To enhance the research motivation of individual researchers by recognizing their outstanding research achievements and to disseminate their research findings and developments both within and outside the university, thereby promoting further research activity, the Academic Research Award System has been established starting from AY 2023.

On December 4 (Monday), 2023, the Academic Research Award Ceremony was held, during which two researchers were honored with the Academic Award. On January 19 (Friday), 2024, a commemorative lecture was conducted to widely share the research of the award recipients and to serve as a catalyst for deepening future research exchanges.

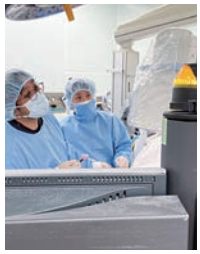
Recipients of the Asahikawa Medical University Academic Award for AY 2023

- **Associate Professor Takayuki Ohkuri in the Department of Pathology (immunopathology)**
  Research Theme: Basic Research Towards Developing a Revolutionary Cancer Immunotherapy to Improve the Immunosuppressive Tumor Microenvironment
- **Lecturer Takumi Kumai in the Department of Otolaryngology Head and Neck Surgery**
  Research Theme: Understanding Immune Evasion Mechanisms in Head and Neck Cancer and Developing Innovative Immunotherapies

Completion of the Second Phase of the Training of Nurses in Specific Medical Procedures and Beginning of the Third Phase

In September 2023, the second phase of the Training of Nurses in Specific Medical Procedures was completed, resulting in the certification of four new participants. These certified nurses are now able to perform 15 specific medical procedures. One of the nurses working in a surgical ward performed one of these actions, the removal of a surgical drain. They commented, "We were able to remove unnecessary drains in a timely manner without waiting for a doctor, and it made the patients happy." We hope to see more such cases and contribute to many more patients' smiles.

The training is currently in its third phase. This phase includes the previously established post-surgical ward management course and introduces a new sectional course, as well as accepting nurses from regional medical institutions. The fourth phase of training, starting this fall, will include the introduction of a course on intraoperative anesthesia management and expand the sectional courses to ten by adding two more sections. We will continue to strive to contribute to regional healthcare and nursing while ensuring that the training helps each nurse approach their ideal professional image.



International Exchange Agreement Signed with Lampang Hospital (Thailand)

On June 14 (Tuesday), 2024, a signing ceremony for an international exchange agreement between our university and Lampang Hospital was held at Lampang Hospital in Thailand. The ceremony was attended by President Yuji Nishikawa, Professor Hiroyuki Kamiya and Assistant Professor Ryohei Ushioda (the Department of Surgery (Division of Cardiac Surgery)). This is the first international exchange agreement for Lampang Hospital, and approximately 40 staff members from the hospital, including doctors and nurses, were present.

The Department of Surgery (Division of Cardiac Surgery) at our university has been actively engaging with Lampang Hospital through various exchanges, such as sending doctors for study abroad programs and inviting the head of the cardiovascular and thoracic surgery department at Lampang Hospital as a visiting professor. This collaboration has deepened over time in the fields of medical technology and research. It is expected that the exchange will be extended to include student study abroad programs and further interaction among physicians and researchers.

In October, the hospital director from Lampang Hospital will visit our university to discuss more details about physician training and education exchanges between the two institutions.

50th Anniversary Commemorative Public Lecture Held

On September 2 (Saturday), 2023, a commemorative public lecture for the 50th anniversary of the university was held at Taisetsu Crystal Hall.

In the first half, Professor Nakayama in the Department of Pharmacology gave a lecture titled “Understanding the Mechanisms of the Body and Advancing New Drug Development,” discussing research on new drugs targeting the hypoxic "cancer microenvironment" formed in tumor tissues.

In the second half, Professor Kinoshita from the Department of Neurosurgery delivered a lecture titled “Aiming for Neurosurgical Practice Rooted in the Community and Extending to the World,” covering the history of advancements in neurosurgery and neuroscience, as well as the cutting-edge neurosurgical practices provided and aimed for by the Department of Neurosurgery.

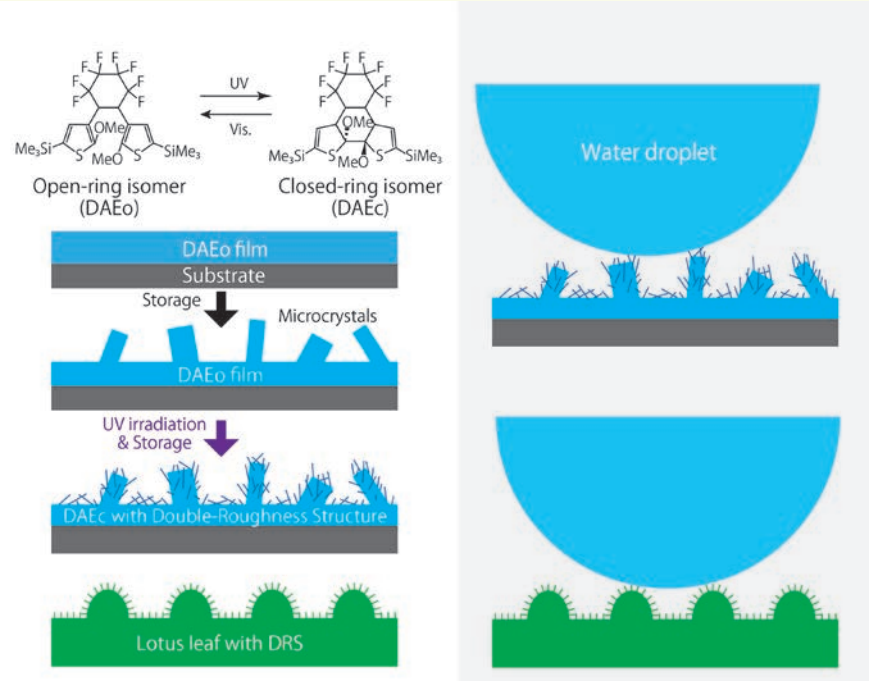
Showcasing Research Activities

Our university disseminates research achievements from various departments that contribute to the future of medical care. Here, we present some of these accomplishments.

Biomimetics Super-water-repellency learning from lotus leaf

Hiroyuki Mayama, Chemistry

Biomimetics is the approach in fundamental science and technology to solve complex human problems by learning from nature which has gone through evolution over the 4 billion years since life has appeared on the Earth. Very recently, biomimetics superhydrophobic surface structures have attracted much interest from the point of view of application in SDGs. We have studied artificial superhydrophobic surfaces with double-roughness structures (DRS) mimicking lotus leaf and termite wings by crystal growth technique using photochromic diarylethene (DAE) derivatives and the theories. We have used DEA having a five-membered perfluorocyclopentene ring and DRS by complex procedures and a long period in our current studies, however, we used DEA having a six-membered perfluorocyclopentene ring, we found a remarkable crystal growth and photo-response. As a result, we succeeded in preparing a super-water-repellent surface mimicking the lotus leaf in building DRS by a simple process in a short period.



○ Yuki Hashimoto, Amane Hase, Ryotaro Shiromae, Ryo Nishimura, Masakazu Morimoto, Yohei Hattori, Hiroyuki Mayama, Satoshi Yokojima, Shinichiro Nakamura, and Kingo Uchida, Straightforward Fabrication of Double Roughness Structures on a Microcrystalline Film of a Diarylethene Derivative, *Langmuir*, 40 (14), 7661-7668 (2024).

NG2-positive pericytes regulate homeostatic maintenance of slow-type skeletal muscle with rapid myonuclear turnover

Jun-ichi Kawabe, Biochemistry

Background

Skeletal muscle comprises almost 40% of the human body and is essential for movement, structural support and metabolic homeostasis. Size of multinuclear skeletal muscle is stably maintained under steady conditions with the sporadic fusion of newly produced myocytes to compensate for the muscular turnover caused by daily wear and tear. It is becoming clear that microvascular pericytes (PCs) exhibit myogenic activity. However, whether PCs act as myogenic stem cells for the homeostatic maintenance of skeletal muscles during adulthood remains uncertain.

Methods

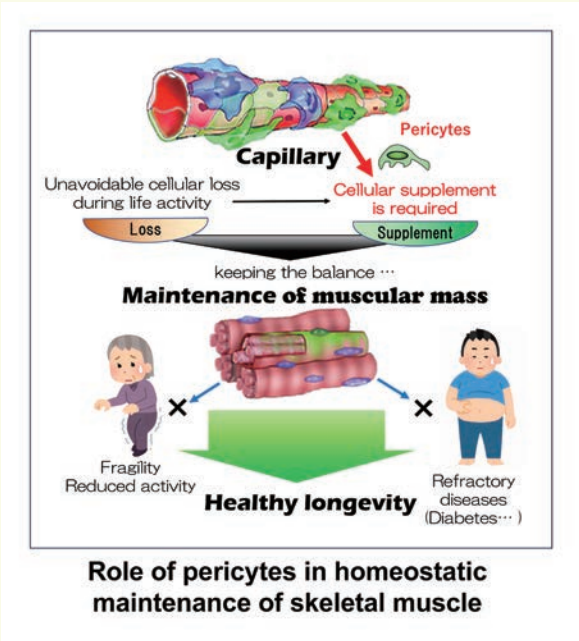
We utilized PC-fused myofibers using PC-specific lineage tracing mouse (NG2-CreERT/Rosa-tdTomato) to observe whether muscle resident PCs have myogenic potential during daily life. Genetic PC deletion mouse model (NG2-CreERT/DTA) was used to test whether PC differentiates to myofibers for maintenance of muscle structure and function under homeostatic condition.

Results

Under steady breeding conditions, tdTomato-expressing PCs were infused into myofibers, and subsequently, PC-derived nuclei were incorporated into myofibers. Especially in type-I slow-type myofibers such as the soleus, tdTomato+ myofibers were already observed 3 days after PC labeling; their ratio reached a peak (approximately 80%) within 1 month and was maintained for more than 1 year. Consistently, the NG2+ PC-specific deletion induced muscular atrophy in a slow-type myofiber-specific manner under steady breeding conditions. The number of myonucleus per volume of each myofiber was constant during observation period.

Conclusions

These findings demonstrate that the turnover of myonuclei in slow-type myofibers is relatively fast, with PCs acting as myogenic stem cells—the suppliers of new myonuclei under steady conditions—and play a vital role in the homeostatic maintenance of slow-type muscles.



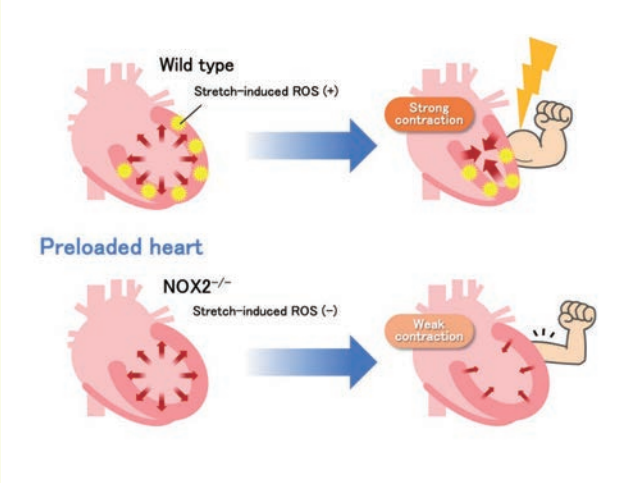
Role of pericytes in homeostatic maintenance of skeletal muscle

○ The research work was published in *Stem Cell Research & Therapy* on August,2023

Stretch-induced reactive oxygen species contribute to the Frank–Starling mechanism

Gentaro Iribe, Physiology Autonomous Function

Myocardial stretch physiologically activates NADPH oxidase 2 (NOX2) to increase reactive oxygen species (ROS) production. Although physiological low-level ROS are known to be important as signalling molecules, the role of stretch-induced ROS in the intact myocardium remains unclear. To address this, we investigated the effects of stretch-induced ROS on myocardial cellular contractility and calcium transients in C57BL/6J and NOX2−/− mice. Axial stretch was applied to the isolated cardiomyocytes using a pair of carbon fibres attached to both cell ends to evaluate stretch-induced modulation in the time course of the contraction curve and calcium transient, as well as to evaluate maximum cellular elastance, an index of cellular contractility, which is obtained from the end-systolic force–length relationship. In NOX2−/− mice, the peak calcium transient was not altered by stretch, as that in wild-type mice, but the lack of stretch-induced ROS delayed the rise of calcium transients and reduced contractility. Our mathematical modelling studies suggest that the augmented activation of ryanodine receptors by stretch-induced ROS causes a rapid and large increase in the calcium release flux, resulting in a faster rise in the calcium transient. The slight increase in the magnitude of calcium transients is offset by a decrease in sarcoplasmic reticulum calcium content as a result of ROS-induced calcium leakage, but the faster rise in calcium transients still maintains higher contractility. In conclusion, a physiological role of stretch-induced ROS is to increase contractility to counteract a given preload, that is, it contributes to the Frank–Starling law of the heart.



○ The research work was published in *The Journal of Physiology* in April,2023

History

1972 July 1	Executive office for establishing Asahikawa Medical University opened
1973 September 29	Asahikawa Medical University established
November 5	First Entrance Ceremony
November 20	University Foundation Ceremony
1975 April 1	Executive office for establishing University Hospital opened
1976 May 10	University Hospital established
October 26	University Hospital Opening Ceremony
November 1	University Hospital opened
1979 March 24	First Graduation Ceremony
April 1	Graduate School established
1983 March 25	First Graduation Ceremony for the Graduate School
June 15	The 10th Anniversary Ceremony
1993 November 5	The 20th Anniversary Ceremony
1996 April 1	Nursing Course established
1999 March 10	The Emblem of Asahikawa Medical University adopted
2000 April 1	Master's Program in Nursing established in the Medicine-Related Graduate Course
2002 April 1	Three Departments of Nursing reorganized into one Department of Nursing
2003 November 5	The 30th Anniversary Ceremony
2004 April 1	National University Corporation Asahikawa Medical University started
2005 November 1	University Hospital renamed Asahikawa Medical University Hospital
2006 April 1	One Department with two subfields and 12 Departments of Basic Medicine reorganized into five Departments with several subfields and four Departments; 19 Departments of Clinical Medicine reorganized into two Departments with several subfields and 14 Departments
2013 November 5	The 40th Anniversary Ceremony
2022 March 5	Commemorative Events Ceremony for the 25th Anniversary of the Nursing Course of the School of Medicine at Asahikawa Medical University
2023 April 1	Center for Advanced Research and Education reorganized into Research Promotion Office and Research Technical Support Center
	International Exchange Promotion Center established
May 1	Funded Department of Gastroenterological Sciences (-April 30, 2026)
August 9	Department of Plastic and Reconstructive Surgery established
October 1	Three fields and six divisions of Department of Internal Medicine reorganized into five divisions
November 4	50th Anniversary Ceremony
2024 April 1	Center for Integrated Medical Education and Regional Symbiosis renamed Center for Medical Education and Regional Symbiosis

Executive Office for establishing Asahikawa Medical University opened

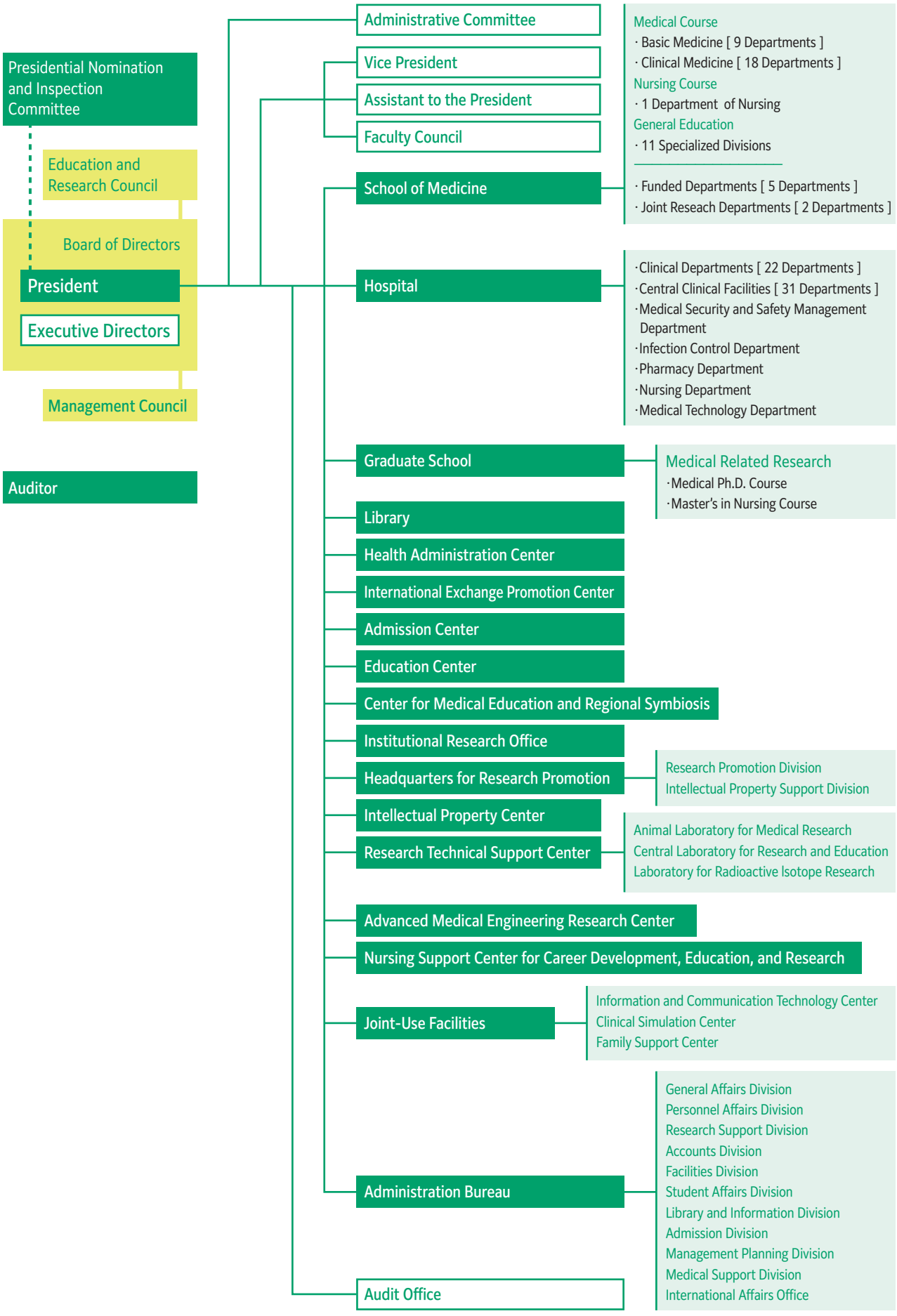
Asahikawa Medical University established as a single-department college

First Entrance Ceremony

University Hospital opened

50th Anniversary Ceremony

Organization Chart



Board and Faculty Members and Successive Presidents

National University Corporation Asahikawa Medical University

As of July 16, 2024

Board Members

President		NISHIKAWA Yuji
Executive Directors	Finance, Evaluation, and Doctor's Work-life Reform	FURUKAWA Hiroyuki
	University Admissions, Education, Personnel and Organization	OKUMURA Toshikatsu
	Social Collaboration	TSUJI Yasuhiro
	Regional Medicine	SAKO Kazuhiro
Auditors	Administration	SUZUKI Yoshiyuki
	Finance	OKE Toshimitsu

Members of the Management Council

President	NISHIKAWA Yuji
Executive Director	FURUKAWA Hiroyuki
Executive Director	OKUMURA Toshikatsu
Executive Director	TSUJI Yasuhiro
Deputy Mayor of Asahikawa City	NAKAMURA Yasushi
President of Asahikawa Shinkin Bank	HARADA Naohiko
Director General of Ebetsu City Hospital	HASEBE Naoyuki
NPO Collecting and Preserving Literary Materials in Asahikawa	SHIRAI Eriko
Director of Memuro Public Hospital	TOGIYA Satoshi

Members of the Education and Research Council

President	NISHIKAWA Yuji
Executive Director	FURUKAWA Hiroyuki
Executive Director	OKUMURA Toshikatsu
Executive Director	TSUJI Yasuhiro
Executive Director	SAKO Kazuhiro
Vice President	KAWABE Junichi
Vice President	AZUMA Nobuyoshi
Vice President	FUJIYA Mikihiro
Vice President	MAKINO Yuichi
Director of Library	FUJIYA Mikihiro
Head of Medical Course	OKUMURA Toshikatsu
Head of Nursing Course	MASUDA Yumiko
Professor of Basic Medicine	SAIJO Yasuaki
Professor of Clinical Medicine	KAMIYA Hiroyuki
Professor of Nursing Course	HASEGAWA Hiroaki
Professor of General Education	HONMA Tatsuya
Professor of Post-Graduate Clinical Training Center and Center for Integrated Medical Education and Regional Symbiosis	TAKEWA Yoshiaki
Secretary General	YOSHIHARA Hideaki

Asahikawa Medical University

President		NISHIKAWA Yuji
Vice Presidents	Finance, Evaluation, and Doctor's Work-life Reform	FURUKAWA Hiroyuki
	University Admissions, Education, Personnel and Organization	OKUMURA Toshikatsu
	Research	KAWABE Junichi
	Medicine and International Affairs	AZUMA Nobuyoshi
	University-industry Cooperation	FUJIYA Mikihiro
	Training of Doctors in Regional Medicine	MAKINO Yuichi
Program Heads	Head of Medical Course	OKUMURA Toshikatsu
	Head of Nursing Course	MASUDA Yumiko
	Head of Ph.D Course (Medical Science)	KAWABE Junichi
	Head of Master's Course (Nursing Science)	FUJII Tomoko
Assistants to the President	IR	MATSUMOTO Seiji
	Public Relations	HONMA Masaru
Advisor to President		MORI Chisato

Faculty and Staff

As of July 1, 2024

School of Medicine

Medical Course

Basic Medicine

Anatomy	Professor	YOSHIDA Shigetaka
	Professor	WATANABE Tsuyoshi
Physiology	Professor	IRIBE Gentaro
	Professor	TAKAKUSAKI Kaoru
Biochemistry	Professor	KAWABE Junichi
Pharmacology	Professor	NAKAYAMA Koh
Pathology	Professor	TAKASAWA Akira
	Professor	KOBAYASHI Hiroya
Infectious Diseases	Professor	HARA Hideki
	Professor	SAKO Yasuhito
Social Medicine	Professor	SAIJO Yasuaki
Legal Medicine	Professor	SHIMIZU Keiko
Advanced Medical Science	Professor	FUNAKOSHI Hiroshi

Medical Course

Clinical Medicine

Internal Medicine	Professor	NAKAGAWA Naoki
	Professor	NOMOTO Hiroshi
	Professor	FUJIYA Mikihiro
	Professor	MIZUKAMI Yusuke
Psychiatry and Neurology	Professor	HASHIOKA Sadayuki
Pediatrics	Professor	TAKAHASHI Satoru
Surgery	Professor	AZUMA Nobuyoshi
	Professor	KAMIYA Hiroyuki
	Professor	YOKOO Hideki
Orthopaedic Surgery	Professor	ITO Hiroshi
Dermatology		
Renal and Urologic Surgery		
Ophthalmology	Professor	NAGAOKA Taiji
Otorhinolaryngology–Head and Neck Surgery	Professor	TAKAHARA Miki
Obstetrics and Gynecology	Professor	KATO Yasuhito
Radiology	Professor	OKIZAKI Atsutaka
Anesthesiology and Critical Care Medicine	Professor	MAKINO Hiroshi
Neurosurgery	Professor	KINOSHITA Manabu
Oral and Maxillo-Facial Surgery	Professor	TAKEKAWA Masanori
Emergency Medicine	Professor	OKADA Motoi
Regional Medicine and Education	Professor	NOZU Tsukasa
Clinical Oncology for Local Community Cooperation		
Department of Plastic and Reconstructive Surgery	Professor	HAYASHI Toshihiko

Nursing Course

Nursing Science

Nursing	Professor	ITO Toshihiro
	Professor	ODAJIMA Yuki
	Professor	SUGAWARA Mineko
	Professor	HASEGAWA Hiroaki
	Professor	HAMADA Tamami
	Professor	HIRA Yoshiki
	Professor	FUJII Tomoko
	Professor	MASUDA Yumiko
	Professor	YAMAUCHI Mayumi
	Professor	YAMANE Yukiko

General Education

History and Philosophy		
Psychology	Professor	IKEGAMI Masanaga
Sociology	Professor	KUDO Tadashi
Mathematics		
Mathematical Information Science	Professor	TAKAHASHI Tatsuhisa
Physics	Professor	HONMA Tatsuya
Chemistry	Professor	MAYAMA Hiroyuki
Biology	Professor	KUSAKABE Hirokazu
Life Science		
English	Professor	MIYOSHI Nobuhiro
German		

Hospital

Director		AZUMA Nobuyoshi
Deputy Directors	Outpatient and Hospital Admission and Discharge	FUJIYA Mikihiro
	Multidisciplinary Collaboration	OTA Tetsuo
	Hospital Management, Medical Equipment	HONMA Masaru
	Accident Prevention	MATSUMOTO Seiji
	Safety Management, Patient Service, Volunteer	IDOGAWA Midori
Assistants to Hospital Director	Education of Healthcare Professionals	TASAKI Yoshikazu
	Clinical Training	MAKINO Yuichi
	Clinical Ethics	KINOSHITA Manabu

Head of Outpatient Services	FUJIYA Mikihiro

Clinical Department

Internal Medicine (Cardiology and Nephrology)	Head	NAKAGAWA Naoki
Internal Medicine (Respiratory Medicine and Neurology)	Head	NAKAGAWA Naoki
Internal Medicine (Endocrinology, Metabolism, and Rheumatology)	Head	NOMOTO Hiroshi
Internal Medicine (Gastroenterology)		
Internal Medicine (Hematology)		
Psychiatry and Neurology	Head	HASHIOKA Sadayuki
Pediatrics	Head	TAKAHASHI Satoru
Surgery (Vascular, Respiratory and Surgical Oncology)	Head	AZUMA Nobuyoshi
Surgery (Cardiovascular)	Head	KAMIYA Hiroyuki
Division of Hepato-Biliary-Pancreatic and Transplant	Head	YOKOO Hideki
Division of Gastrointestinal Surgery		
Orthopaedic Surgery	Head	ITO Hiroshi
Dermatology		
Urology		
Ophthalmology	Head	NAGAOKA Taiji
Otolaryngology Headand Neck Surgery	Head	TAKAHARA Miki
Obstetrics and Gynecology	Head	KATO Yasuhito
Radiology	Head	OKIZAKI Atsutaka
Anesthesiology and Critical Care Medicine	Head	MAKINO Hiroshi

Neurosurgery	Head	KINOSHITA Manabu
Oral and Maxillo-Facial Surgery	Head	TAKEKAWA Masanori
Emergency	Head	OKADA Motoi
Physical Medicine and Rehabilitation	Head	OTA Tetsuo
Pathological Diagnosis	Head	TANINO Mishie
Plastic and Reconstructive Surgery	Head	HAYASHI Toshihiko
Department of Endoscopy	Head	FUJIYA Mikihiro
Tumor Center	Head	TANABE Hiroki
Department of Palliative Care	Head	MAKINO Hiroshi
Breast Diseases Center	Head	KITADA Masahiro

Central Clinical Facilities

Medical Laboratory and Blood Center	Head	SAKAMOTO Naka
Surgical Operation	Head	HAYASHI Tatsuya
Clinical Radiology	Head	OKIZAKI Atsutaka
Appliance Management and Supply Center	Head	OTA Tetsuo
Surgical Pathology	Head	TANINO Mishie
Medical Center of Acute Medicine	Head	OKADA Motoi
Intensive Care Unit	Head	KOKITA Naohiro
General Medicine	Head	NOZU Tsukasa
Center for Maternity and Infant Care	Head	NAGAYA Ken
Management Planning	Head	OKIZAKI Atsutaka
Post-Graduate Clinical Training Center	Head	MAKINO Yuichi
Telemedicine Center	Head	HONMA Masaru
Clinical Research Support Center	Head	MATSUMOTO Seiji
Community Health Care Center	Head	OTA Tetsuo
Physical Medicine and Rehabilitation Department	Head	OTA Tetsuo
Patient Total Support Center	Head	OTA Tetsuo
Clinical Engineering Office	Head	HAYASHI Tatsuya
Genetic Counselling Office	Head	MAKITA Yoshio
Liver Disorder Consultation and Support Room	Head	SAWADA Koji
Outpatient Chemotherapy Center	Head	TANABE Hiroki
Nutrition Management Department	Head	FUJIYA Mikihiro
Dialysis Center	Head	NAKAGAWA Naoki
Diagnostic Ultrasonics Imaging Center	Head	SAITO Erika
Center for Training Advanced Medical Specialists	Head	SATO Nobuyuki
Center for Complex New Medical Technology Management established	Head	KAMIYA Hiroyuki
Genetic Oncology Department	Head	TANABE Hiroki
Stroke Center	Head	KINOSHITA Manabu
Medical Security and Safety Management	Head	MATSUMOTO Seiji
Infection Control Department	Head	OKADA Motoi
Pharmacy Department	Head	TASAKI Yoshikazu
Nursing Department	Head	IDOGAWA Midori
Medical Technology Department	Head	SOMAN Koji

Library	Director	FUJIYA Mikihiro
Health Administration Center	Director	KITANO Yohei
International Exchange Promotion Center	Director	AZUMA Nobuyoshi
Admission Center	Director	SAIJO Yasuaki
Education Center	Director	SATO Nobuyuki
Center for Integrated Medical Education and Regional Symbiosis	Director	MAKINO Yuichi
Institutional Research Office	Director	MATSUMOTO Seiji
Headquarters for Research Promotion	Director	KAWABE Junichi
Intellectual Property Center	Director	FUJIYA Mikihiro
Research Technical Support Center	Director	KAWABE Junichi
Advanced Medical Engineering Research Center	Director	TAKEWA Yoshiaki
Nursing Support Center for Career Development, Education, and Research established	Director	MASUDA Yumiko
Information and Communication Technology Center	Director	TAKEWA Yoshiaki
Clinical Simulation Center	Director	MAKINO Hiroshi
Family Support Center	Director	TANINO Mishie
Audit Office		

Administration Bureau

Secretary General	YOSHIHARA Hideaki
Deputy Director (University Affairs)	NARITA Noritaka
Head of General Affairs Division	HASEGAWA Kazuhiro
Head of Personnel Affairs Division	SATO Mikiko
Head of Research Support Division	KANAMORI Junji
Head of Accounts Division	ISHIKAWA Hiroshi
Head of Facilities Division	OZAKI Sunao
Specially Appointed Head of Student Affairs Division	MATSUI Satoshi
Head of Library and Information Division	YAMAZAKI Shinji
Head of Admission Division	SENNICHIZAKA Kazuhiko
Deputy Director (Hospital Affairs)	KOORI Hideo
Head of Management Planning Division	ENDO Katsunori
Head of Medical Services Support Division	ISHIZAKA Takamitsu
Director of International Affairs Office	NARITA Noritaka

Number of Board Members

As of May 1, 2024

President	Executive Directors	Auditors	Total
1	4(2)	2(1)	7(3)

*The number in the parentheses indicates the number of part-time members of the board.

Number of University Staff

As of May 1, 2024

		President	Vice President	Academic Staff					Administrative Staff	General Technician	Medical Technician	Nursing Staff	Grand Total
				Professor	Associate Professor	Lecturer	Assistant Professor	Total					
President and Vice President		1	5(3)										6(3)
School of Medicine	Medical and Nursing Education			42	26	27	84	179	4				183
	General Education			7	4	0	3	14					14
Hospital (Number of physicians: 132 Number of residents: 52)				5	10	27	82	124	1	6	179	749	1,059
Centers and Facilities, etc.				6	3	4	7	20	8			2	30
Audit Office									1				1
Administration Bureau	Secretary General								1				1
	Staff								158	1			159
Total		1	5(3)	60	43	58	176	337	173	7	179	751	1,453(3)

* The number in the table includes members of the board, such as president and vice-president.
* The number in the parentheses indicates the number of staff who hold a professor's post.

Number of Faculty Members of Funded Departments

As of July 1, 2024

	Professor	Specially Appointed Professor	Specially Appointed Associate Professor	Specially Appointed Lecturer	Specially Appointed Assistant Professor	Grand Total
Artificial Joints		(1)		(1)	1	1(2)
Innovative Head and Neck Cancer Research and Treatment			(1)			(1)
Community Medicine Management		(1)		1	1	2(1)
Cardiovascular Regeneration and Innovation			(1)		(1)	(2)
Gastroenterological Sciences		(1)		(1)	1	1(2)
Surgical Lecture Series on Women's Empowerment and Regional Revitalization		(1)			1	1(1)
Community-based Health Care		(1)		(1)		(2)
Preventive Medicine		(1)	(1)		1	1(2)
Ophthalmology and Regional Medical Creation		1	(1)			1(1)
Regional Child Development Support		(1)			1	1(1)
Total	(0)	1(7)	(4)	1(3)	6(1)	8(15)

* The number in the parentheses indicates the number of full-time faculty members in the Clinical Medicine.

Number of Faculty Members of Joint Research Departments

As of May 1, 2024

	Professor	Specially Appointed Professor	Specially Appointed Associate Professor	Specially Appointed Lecturer	Specially Appointed Assistant Professor	Grand Total
Department of Gastroenterology and Advanced Medical Science		(1)		1		1(1)
Department of Transplantation Technology and Therapeutic Development		1		(1)		1(1)
Total	0	1(1)	0	1(1)	0	2(2)

* The number in the parentheses indicates the number of full-time faculty members in the Clinical Medicine.

Successive Presidents	First President	YAMADA Morihide	July 29, 1973 to June 30, 1981
	Second President	KURODA Kazuhide	July 1, 1981 to June 30, 1987
	Third President	SHIMODA Akihisa	July 1, 1987 to June 30, 1991
	Fourth President	SHIMIZU Tetsuya	July 1, 1991 to June 30, 1997
	Fifth President	KUBO Yoshihiko	July 1, 1997 to June 30, 2003
	Sixth President	YACHIKU Sunao	July 1, 2003 to June 30, 2007
	Seventh President	YOSHIDA Akitoshi	July 1, 2007 to March 3, 2022
	Eighth President	NISHIKAWA Yuji	April 1, 2022 -

Departments

School of Medicine

Medical Course [27 Departments]

Basic Medicine [9 Departments]

- ○Anatomy
  - Functional Anatomy and Neuroscience
  - Microscopic Anatomy and Cell Biology
- ○Physiology
  - Autonomous Function
  - Sensory Physiology
- ○Biochemistry
- ○Pharmacology
- ○Pathology
  - Tumor Pathology
  - Immunopathology
- ○Infectious Diseases
  - Microbiology and Immunochemistry
  - Parasitology
- ○Social Medicine
- ○Legal Medicine
- ○Advanced Medical Science

Clinical Medicine [18 Departments]

- ○Internal Medicine
  - Division of Cardiology and Nephrology
  - Division of Respiratory Medicine and Neurology
  - Division of Endocrinology, Metabolism and Rheumatology
  - Division of Gastroenterology
  - Division of Hematology
- ○Psychiatry
- ○Pediatrics
- ○Surgery
  - Division of Vascular, Respiratory and Surgical Oncology
  - Division of Cardiovascular Surgery
  - Division of Hepato-Biliary-Pancreatic and Transplant Surgery
  - Division of Gastrointestinal Surgery
- ○Orthopaedic Surgery
- ○Dermatoloagy
- ○Renal and Urologic Surgery
- ○Ophthalmology
- ○Otorhinolaryngology -Head and Neck Surgery
- ○Obstetrics and Gynecology
- ○Radiology
- ○Anesthesiology and Critical Care Medicine
- ○Neurosurgery
- ○Oral and Maxillo-Facial Surgery
- ○Emergency Medicine
- ○Regional Medicine and Education
- ○Clinical Oncology for Local Community Cooperation
- ○Plastic and Reconstructive Surgery

Nursing Course [1 Department]

- ○Nursing Science

General Education [11 Specialized Divisions]

- ○History and Philosophy
- ○Psychology ○Sociology ○Mathematics
- ○Mathematical Information Science
- ○Physics ○Chemistry ○Biology
- ○Life Science ○English ○German

Funded Department [10 Departments]

- ○Artificial Joints
- ○Innovative Head and Neck Cancer Research and Treatment
- ○Community Medicine Management
- ○Cardiovascular Regeneration and Innovation
- ○Gastroenterological Sciences
- ○Surgical Lecture Series on Women's Empowerment and Regional Revitalization
- ○Community-based Health Care
- ○Preventive Medicine
- ○Ophthalmology and Regional Medical Creation
- ○Regional Child Development Support

Joint Research Department [2 Departments]

- ○Department of Gastroenterology and Advanced Medical Science
- ○Transplantation Technology and Therapeutic Development

Graduate School

Medical Related Research

Course	Major	Course	Division
Ph.D. Course	Medicine	Research Course	Oncology/Hematology, Social/Environmental Medicine, Immunology/Infectious Diseases, Esthematology/Musculoskeletal Medicine, Endocrinology/Metabolism, Neurology/Psychiatry, Cardiology/Pneumology, Gastroenterology, Molecular Physiology/Pharmacology, Reproductive/Developmental/Regenerative Medicine
		Clinical Research Course	Oncology/Hematology, Social/Environmental Medicine, Immunology/Infectious Diseases, Esthematology/Musculoskeletal Medicine, Endocrinology/Metabolism, Neurology/Psychiatry, Cardiology/Pneumology, Gastroenterology, Molecular Physiology/Pharmacology, Reproductive/Developmental/Regenerative Medicine
		Clinical Medicine Course	
		Next-generation Cancer Informatics Human Resource Development Course	
Master's Course	Nursing	Master's Thesis Course	Nursing Administration, Basic Nursing Science, Study of Defense Mechanism, Nursing Education, Psychiatric and Mental Health Nursing, Public Health Nursing, Health Education and Promotion, Child-family Nursing, Maternal Nursing and Midwifery, Gerontological Nursing, Adult Nursing, Fundamental Nursing, Home Health Care Nursing
		Advanced Practice Course	Oncology Nursing, Gerontological Nursing

Number of Students and Academic Calendar

Applicants and Entrants

		Medical Course			Nursing Course		
		Places	Applicants	Admitted	Places	Applicants	Admitted
2024	Selective Admission	32	125	32			
	International Medical Professionals Course	5	24	5			
	Selective Admission by Recommendation	Selective Admissions 10	26	10	10	29	10
	February Examination	40	225	40	40	62	40
	International Students at Private Expense	A few	0	0	A few	0	0
	March Examination	8	297	8	10	113	10
	Transfer Examination (Selective Admissions)	10(5)	150(37)	6(4)			
2023	Selective Admission	32	128	32			
	International Medical Professionals Course	5	15	5			
	Selective Admission by Recommendation	Selective Admissions 10	25	10	10	30	10
	February Examination	40	266	40	40	93	40
	International Students at Private Expense	A few	0	0	A few	0	0
	March Examination	8	534	8	10	141	10
	Transfer Examination (Selective Admissions)	10(5)	147(28)	3(3)			

Number of Students

As of May 1, 2024

Course	Quota		1st year	2nd year	3rd year	4th year	5th year	6th year	Total
Medical Course	105 (including 10 transfer students in the second year)	Male	51	58	58	73	54	65	359
		Female	44	49	42	45	32	49	261
		Total	95	107	100	118	86	114	620
Nursing Course	60	Male	7	5	9	2			23
		Female	53	54	52	57			216
		Total	60	59	61	59			239

Academic Calendar

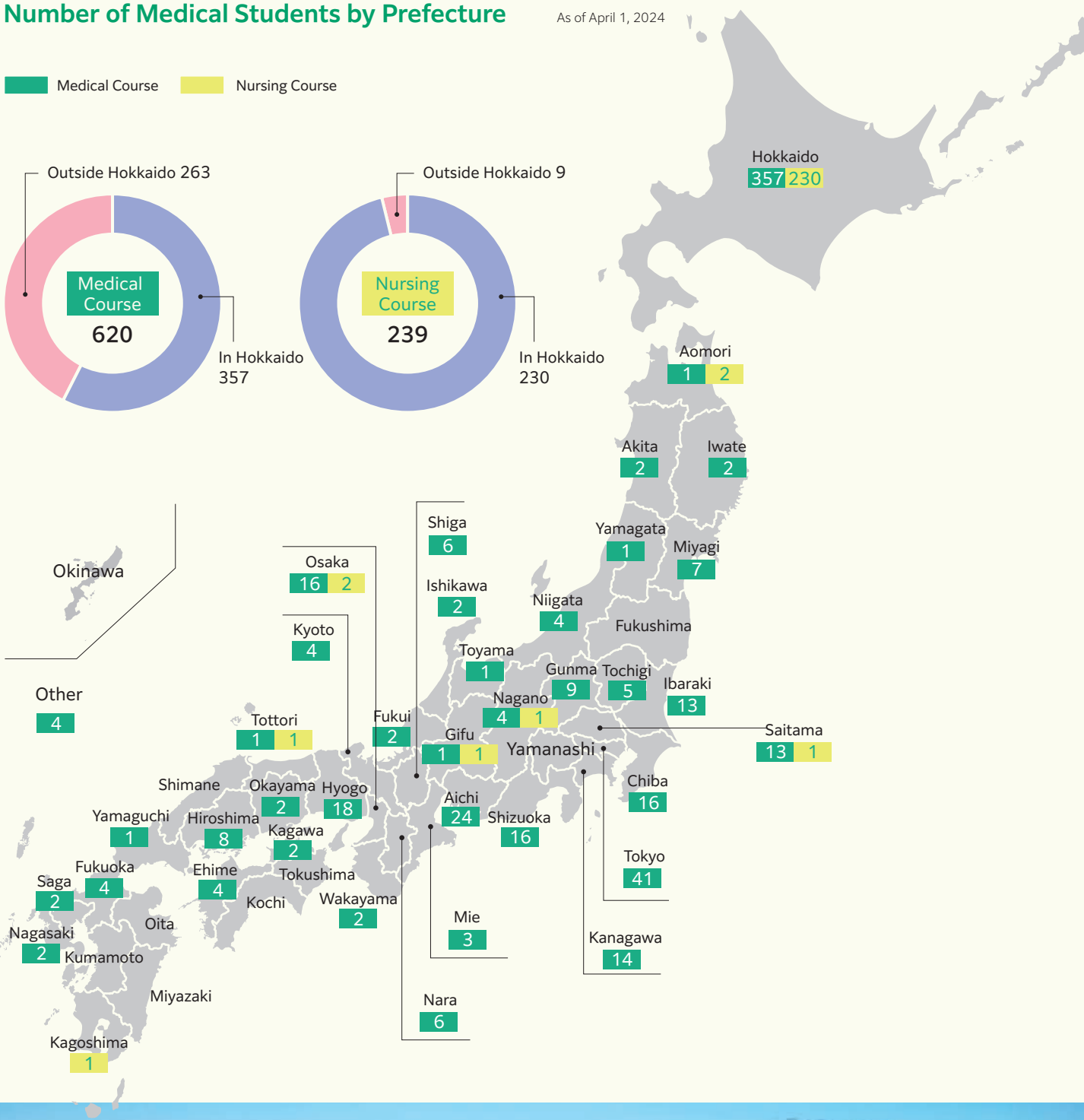
○ First Day of the Academic Year	4/1
○ Entrance Ceremony	4/5
First Semester	4/1–9/30
○ Summer Vacation	7/3–9/13
Second Semester	10/1–3/31
○ Foundation Day	11/5
○ Winter Vacation	12/9–1/17
○ White Coat Ceremony	1/10
○ Spring Vacation	2/24–4/4
○ Graduation Ceremony	3/25
○ Last Day of the Academic Year	3/31

White Coat Ceremony

* The length of summer and winter vacations vary depending on whether students are in the nursing course or medical course, as well as what year the students are enrolled in.

Number of Medical Students by Prefecture

As of April 1, 2024



Number of Scholarship Students

in AY 2023

School	Course	Scholarships offered by AMU	Japan Student Services Organization		Scholarships offered by Local Governments
			Grant-based	Loan-based	
School of Medicine	Medical Course	1	40	178	47
	Nursing Course	58	25	91	–
Graduate School	Medical Ph.D. Course	0	–	0	–
	Master's Course	2	–	0	–

【Scholarships Offered by Asahikawa Medical University】

- ✓ Loan for students in the Medical Course (since April 2011)
- ✓ Loan for students in the Nursing Course (since April 2008)
- ✓ Scholarship for graduate students (since April 2008)

【Scholarships Offered by Local Governments】

- ✓ Hokkaido Medical Practitioner Training and Education Fund
- ✓ Furano City Medical Practitioner Training and Education Fund
- ✓ Fukagawa City Medical Practitioner Training and Education Fund
- ✓ Engaru Town Fund for Medical Practitioner Training and Education at Asahikawa Medical University

※The scholarships above are given to students from high schools designated by our university.

【Other Financial Aids Offered by Asahikawa Medical University】

- ✓ Scholarship for Junior Residents (since April 2012)
- ✓ Special Tuition Loan (since April 2011)
- ✓ Loan for Graduates (since April 2011)
- ✓ Grant-in-Aid for Undergraduates' International Activities (since April 2010)
- ✓ Tuition Reduction System

Number of Alumni

		- 2020	2021	2022	2023	Total
Medical Course	Male	3,428	70	75	95	3,668
	Female	1,070	53	47	38	1,208
	Total	4,498	123	122	133	4,876
Nursing Course	Male	99	6	6	3	114
	Female	1,338	55	55	58	1,506
	Total	1,437	61	61	61	1,620
		5,935	184	183	194	6,496

Summary of the Resultsof the National Examination

		2022	2023	2024
Medical Practitioners	Examinees	133	134	150
	Successful	121	117	134
	Success Rate	91.0	87.3	89.3
Health Nurses	Examinees	7	10	7
	Successful	7	10	7
	Success Rate	100.0	100.0	100.0
Midwives	Examinees	3	6	3
	Successful	3	6	3
	Success Rate	100.0	100.0	100.0
Nurses	Examinees	61	61	62
	Successful	61	60	62
	Success Rate	100.0	98.4	100.0

※Including graduates

Associated Teaching Hospitals

Asahikawa City Hospital

- Number of Clinical Departments 25
- Number of Beds 481
- Total Number of Clinical Trainees Accepted 40

Asahikawa Red Cross Hospital

- Number of Clinical Departments 28
- Number of Beds 520
- Total Number of Clinical Trainees Accepted 55

Asahikawa Kosei Hospital

- Number of Clinical Departments 24
- Number of Beds 460
- Total Number of Clinical Trainees Accepted 105

National Hospital Organization Asahikawa Medical Center

- Number of Clinical Departments 19
- Number of Beds 310
- Total Number of Clinical Trainees Accepted 37

Asahikawa Keisenkai Hospital

- Number of Clinical Departments 5
- Number of Beds 399
- Total Number of Clinical Trainees Accepted 44

Graduate Students

As of May 1, 2024

Major		M/F	Quota	Capacity	1st year		2nd year		3rd year		4th year		Total
					October Enrollment	April Enrollment	October Enrollment	April Enrollment	October Enrollment	April Enrollment	October Enrollment	April Enrollment	
Medical Ph.D. Course	Medical	Male	15	60	3	10	1	11	4	7	10	14	60
		Female			0	2	0	5	1	3	0	5	16
		Total			3	12	1	16	5	10	10	19	76
Master's Course	Nursing	Male	16	32	1		7						8
		Female			5		12						17
		Total			6		19						25

Admission into the Medical Ph.D. Course in October

In 2012, admission into the Medical Ph.D. Course in October was started to promote globalization and diversify learning opportunities for doctors working full time. This admission system is also for international students.

Number of Degrees Conferred

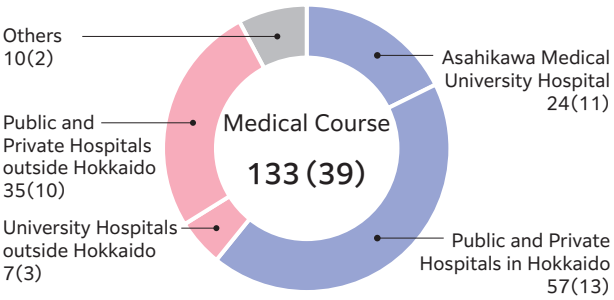
As of May 1, 2024

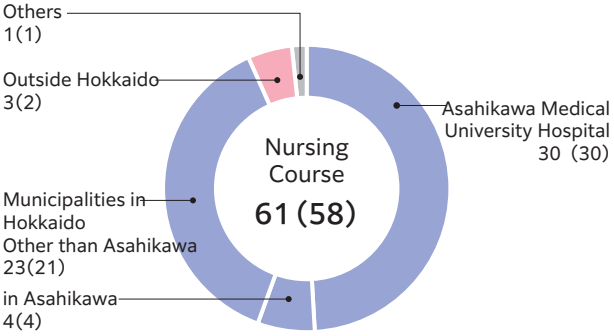
			- 2020	2021	2022	2023	Total
Ph.D. in Medicine	Coursework	Male	474	12	9	9	504
		Female	86	5	4	3	98
		Total	560	17	13	12	602
	Independent Study	Male	448	3	5	5	461
		Female	40	1	0	3	44
		Total	488	4	5	8	505
	Grand Total		1,048	21	18	20	1,107
Master of Nursing		Male	30	3	5	1	39
		Female	195	7	7	4	213
		Total	225	10	12	5	252

Career Path after Graduation

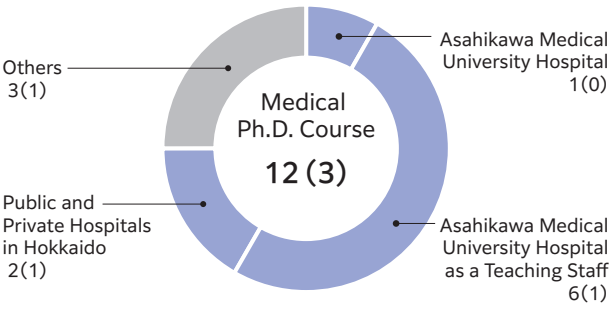
In Hokkaido　Outside Hokkaido　Others　* The number in the parentheses indicates the number of female students.

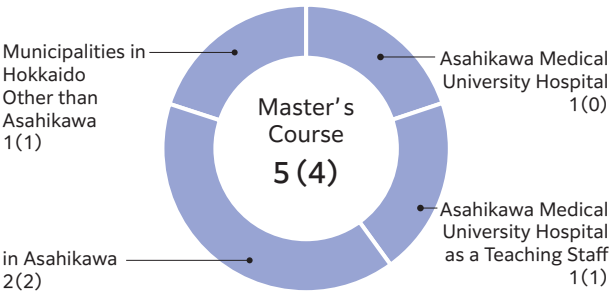
School of Medicine





Graduate School





Research and Specialized Work

Medical Course—Basic Medicine

Departments of Medicine		Fields of Interest
Anatomy	Functional Anatomy and Neuroscience	Neuroanatomy, Neuropathology
	Microscopic Anatomy and Cell Biology	Cell Biology, Experimental Endocrinology, Molecular and Cellular Mechanisms of Secretory Granule Formation
Physiology	Autonomous Function	Cardiac Mechanics, Mechanobiology
	Neural Function	Gait control, Postural control
Biochemistry		Angiogenesis, Neurogenesis, Myogenesis, Regenerative Medicine, Calcium Homeostasis, Regulation of Cellular Function and Vascular Contraction by Protein Phosphorylation
Pharmacology		Tumor Biology, Molecular Pharmacology, Gene Regulation
Pathology	Tumor Pathology	Molecular Pathology, Tumor Pathology, Hepatology
	Immunopathology and Experimental Medicine	Tumor Immunology, Allergology, Immunology
Infectious Diseases	Microbiology and Immunochemistry	Microbiology, Immunology
	Parasitology	Immunobiology, Molecular Biology, and Epidemiology of Echinococcosis and Cysticercosis and Their Immunological and Molecular Diagnosis, Toxoplasmosis, Immunoparasitology, Genetic engineering, Cell Biology, Vector Biology
Social Medicine		Public Health, Hygiene, Epidemiology, Clinical Epidemiology, Occupational Epidemiology, Occupational Health, Mental Health, International Health
Legal Medicine		Forensic Toxicology, Forensic DNA typing and DNA Polymorphism
Advanced Medical Science		Neuroscience, Molecular Biology, Genome Editing, Regenerative Medicine, Translational Research

Medical Course—Clinical Medicine

Departments of Medicine		Fields of Interest
Internal Medicine	Division of Cardiology and Nephrology	Internal Medicine, Cardiology, Hypertension, Nephrology, Geriatrics
	Division of Respiratory Medicine and Neurology	Internal Medicine, Respiratory Medicine, Neurology, Medical Oncology
	Division of Endocrinology, Metabolism and Rheumatology	Internal Medicine, Diabetes and Metabolism, Endocrinology, Rheumatology
	Division of Gastroenterology	Internal Medicine, Gastroenterology, Digestive Endoscopy
	Division of Hematology	Internal Medicine, Hepatology, Blood and Marrow Transplantation
Psychiatry		General Psychiatry, Biological Psychiatry, Geriatric Psychiatry, Dementia
Pediatrics		Pediatric Infectious Diseases and Immunology, Pediatric Endocrinology and Metabolism, Pediatric Neurology, Pediatric Hematology and Oncology, Pediatric Cardiology, Perinatology, Pediatric Nephrology, Epileptology, Pediatric Gastroenterology
Surgery	Division of Vascular, Respiratory, Pediatric and Surgical Oncology	Vascular Surgery, Endovascular Surgery, General Thoracic Surgery, Breast Surgery, Pediatric Surgery
	Division of Cardiac Surgery	Cardiac Surgery, Thoracic Aortic Surgery
	Division of Hepato-Biliary-Pancreatic and Transplant Surgery	Gastroenterological Surgery [Hepato-Biliary-Pancreatic Surgery], Endoscopic Surgery, Transplant Surgery, General surgery, Robotic Surgery
	Division of Gastrointestinal Surgery	Gastrointestinal Tract [Esophagus, Stomach, Small Intestine, Colon, Rectum], Endoscopic Surgery, Robotic surgery, General surgery
Orthopaedic Surgery		Joint Surgery, Prosthetic Replacement, Musculoskeletal Tumors, Spinal Surgery, Sports Orthopaedics, Rheumatoid Arthritis, Hand Surgery, Osteoporosis, Regenerative medicine
Dermatology		Dermatology, Psoriasis, Abnormal Keratinization Disorders, Atopic Dermatitis, Dermatological Mycology, Dermatological Oncology, Dermatological Allergology, Dermatological Collagen Diseases, Cosmetic Dermatology, Blistering Disorders, Dermatohistopathology

Departments of Medicine	Fields of Interest
Renal and Urologic Surgery	Urological Oncology, Cancer Chemotherapy, Pediatric Urology, Female Urology, Benign Prostatic Hyperplasia, Neurogenic Bladder, Urolithiasis, Adrenal Surgery, Endoscopic Surgery, Robotic Surgery
Ophthalmology	Ophthalmology, Vitreoretinal Disorders, Corneal Transplantation, Ocular Surface Disorders, Keratorefractive Surgery, Neuroprotection in Retina, Ocular Micro-circulation, Glaucoma, Fundus Imaging Analysis, Low Vision, Strabismus, Ocular inflammatory disease, Neuro Ophthalmology
Otorhinolaryngology–Head and Neck Surgery	Otology, Rhinology, Eguilibrimm Research, Stomato-Pharyngology, Laryngology, Head and Neck Surgery, Bronchoesophagology
Obstetrics and Gynecology	Perinatal Medicine, Gynecologic Oncology, Reproductive Endocrinology and Infertility, Menopause and Women's Health
Radiology	Diagnostic Radiology, Radiation Oncology, Nuclear Medicine, Interventional Radiology
Anesthesiology and Critical Care Medicine	Pharmacokinetics of Intravenous Anesthetics, Mechanism and Treatment of the Neuropathic Pain, Perioperative Blood Coagulation, Cardiovascular Anesthesia, Airway Management, Peripheral Nerve Block, Muscle Relaxant
Neurosurgery	Neurosurgery, Neurooncology, Skull Base Surgery, Neurovascular Surgery, Functional Neurosurgery, Neuroendovascular Surgery, Epilepsy Surgery, Pediatric Neurosurgery, Spine Surgery
Oral and Maxillo-Facial Surgery	Oral Oncology, Disease of Oral Mucosa, Dental Implant, Jaw Deformity, Cleft lip and Palate, Oral Infectious Diseases, Ozostomia (Bad Breath), Temporomandibular Joint Diseases, Oral care, Oral Traumatology, Pediatric Oral and Maxillofacial Surgery, Masticatory Dysfunction, Orofacial Pain
Emergency Medicine	Traumatology, Toxicology, Cardio-pulmonary Support, Cardio-pulmonary Resuscitation, Sepsis, Environmental Health Hazard, Disaster Medicine, End-of-Life Medical Treatment
Regional Medicine and Education	Regional Medicine, Specialist and Primary Care
Clinical Oncology for Local Community Cooperation	Clinical Oncology, Regional Cancer Care, Cancer Care Network
Plastic and Reconstructive Surgery	Reconstructive Surgery, Surgical Wound Care, Cranio-Maxillofacial Surgery, Skin Cancer

Nursing Course

Departments of Nursing	Fields of Interest
Nursing Science	Basic Medical Science, Health Education Development Studies
	Fundamental Nursing, Adult Nursing, Gerontological Nursing, Pediatric Nursing, Maternal Nursing and Midwifery, Psychiatric and Mental Health Nursing, Home Health Care Nursing, Public Health Nursing, Nursing Management, Oncology Nursing

General Education

Departments of General Education	Fields of Interest
Psychology	Experimental Psychology, Cognitive Neuroscience, Clinical Psychology
Sociology	Sociology of Medicine
Mathematics	Analysis, Nonlinear Dispersive PDEs
Mathematical Information Science	Biomedical Engineering, Exercise Physiology, Fractal Physiology, Circulation Physiology, Microcirculation, Cognitive science, Medical Statistics
Physics	Solid State Physics, High-Temperature Superconductivity, Low Dimensional Conductors, Quantum Measurement Theory
Chemistry	Physical Chemistry, Nonlinear Dynamics in Nonequilibrium Open System, Soft Matter Science, Wetting Phenomena
Biology	Reproductive Biology, Chromosome Science (Gamete and Embryo), Environmental Mutagen Research
Life Science	Molecular and Cellular Biology of Cell Adhesion and Neuronal Degeneration, Study on Preventing Alzheimer's Disease
English	Theoretical Linguistics, Applied Linguistics, Teaching English as a Foreign Language

Facility

Facility		Field of Research and Specialized Work
Health Administration Center		Health Care, Adolescent Life Style Disease Prevention, Prevention of Infection, Mental Care
International Exchange Promotion Center		Promotion of International Exchange in Education, Research, Technological Cooperation, etc.
Admission Center		Selection Methods, Education of Medical Science
Education Center		Education for Medical Science and Nursing
Advanced Medical Engineering Research Center		Medical engineering (Artificial Organs, Regenerative Medicine, Tissue Engineering, Development of Medical Equipment)
Integrated Medical Education and Regional Symbiosis		Integrated Regional Medical Education and Support for Regional Medicine, Training Multi-tasking Regional Medicine Physicians
Institutional Research Office		Institutional Research (Educational Management, Research and Social Contribution)
Research Promotion Office		Consultation on Clinical Research Planning and Implementation Systems, Support for Pharmaceutical Applications,Researcher Education and Initial Research Exploration, Intellectual Property-related and Researcher Industry-academia-government Collaboration Support
Intellectual Property Center		Intellectual Property Right
Research Technology Support Center	Animal Laboratory for Medical Research	Experiment, Breeding and Reproduction of Animals, Reproduction Technology
	Central Laboratory for Research and Education	Histological Analysis, Biochemical and Molecular Analyses
	Laboratory for Radioactive Isotope Research	Research Using Radioisotopes
Nursing Support Center for Career Development, Education, and Research	Division of Education Program Development	Development of Nursing Education Programs
	Division of Support for Lifelong Learning in Nursing	Support for Lifelong Learning and Career Formation in Nursing
	Division of Personal Exchange	Promotion of Personal Exchanges Among University Hospital Nurses, Nursing Faculty and Visiting Nurses
	Community Nursing Support Division	Promotion of Integrated Community Care System and Collaborate with University Hospital Nurses and Local Community Nurses
Joint-Use Facilities	Information and Communication Technology Center	Information Network, Computer Science, Information Security
	Family Support Center	Work-Life Balance

Hospital

Division	Field of Research and Specialized Work
Phisical Medicine and Rehabilitation	Rehabilitation Medicine, Kinesiology, Computational Neuroscience, Electrophysiology, Physical Medicine, Orthotics
Diagnostic Pathology	Diagnostic Pathology, Oncological Pathology, Tumor Immunology, Moleculor Pathology, Cytopathology
Department of Endoscopy	Digestive Endoscopy, Respiratory Endoscopy, Therapeutic Endoscopy
Oncology Center	Cancer Chemotherapy, Patient Support, Cancer Information, Training for Medical Professionals
Palliative Care	Palliative Medicine, Philosophy of Medicine, Medical Ethics, Advanced Care Planning
Breast Diseases Center	Breast Diseases, Clinical Oncology, Hereditary Breast Cancer
Department of Clinical Laboratory and Transfusion	Clinical Laboratory Medicine, Transfusion Medicine, Clinical Electrophysiology, Infection Control Support, Biological Information Processing, Physiological Tests, Autologous Transfusion
Surgery Center	Operative Medicine, Patient Safety, Perioperative Care
Clinical Radiology Department	Diagnostic Radiology, Radiation Therapy, Radiation Protection, Medical Physics, Radiological Technology, Nuclear Medicine, Interventional Radiology

Division	Field of Research and Specialized Work
Appliance Management and Supply Center	Washing, Disinfection and Supply of Medical Devices, Quality Control of Medical Material
Diagnostic Pathology Department	Diagnostic Pathology, Oncologic Pathology, Tumor Immunology, Molecular Pathology
Medical Center of Acute Medicine	Emergency Medicine, Cardio-pulmonary Resuscitation, Toxicology, Trauma, Sepsis
Intensive Care Unit Department	Intensive Care Medicine, Circulation and Respiration Control, Blood Purification
General Medicine Department	General Medicine
Center for Maternity and Infant Care	Perinatology, Obstetrics, Neonatology, Perinatal Infectious Diseases, Pediatric Surgery
Management Planning Department	Analysis of Hospital Management, Hospital Information System, Telemedicine, Medical Information Network
Post-graduate Clinical Training Center	Programming and Management of Clinical Training, Instruction and Assistance in Clinical Training
Telemedicine Center	Telemedicine, Transmission System for 3D-HDTV Medical Movies, Health Education by Medical Museum Network System, Cloud-based Medical Practice
Clinical Research Support Center	Supports for Clinical Research, Patient-Proposed Healthcare Services
Rehabilitation Department	Physiotherapy, Occupational Therapy, Speech Language Hearing Therapy, Rehabilitation Medicine, Kinesiology, Biomechanics
Patient Total Support Center	Reservation for Outpatient Treatment, Discharge Support, Continuous Nursing, Cooperation with Local Medical Institutions and Municipalities and Support for Improvement of Patients' Recuperation, Hospital Admission Management, Patient Support, Bed Control
Clinical Engineering Office	Clinical Engineering, Medical Engineering
Genetic Counseling Department	Genetic Diagnosis, Genetic Counseling, Prenatal Testing, Presymptomatic Testing
Liver Disease Care Unit	Advice and Support for Liver Disease
Outpatient Chemotherapy Center	Outpatient Chemotherapy
Nutrition Management Department	Clinical Nutrition, Nutrition Management
Dialysis Center	Hemodialysis, Hemodiafiltration, Peritoneal Dialysis, Opheresis
Diagnostic Ultrasonics Imaging Center	Ultrasonics in Medicine
Center for Training Advanced Medical Specialists	Provision of Information for Residents, Coordination with Associated Institutions about Rotations Management of Training, Holding Seminars
Center for Complex New Medical Technology Management	Complex New Medical Technology
Genetic Oncology Department	Comprehensive Cancer Genome Profiling
Stroke Center	Stroke, Neurology, Neurosurgery, Neuroendovascular Therapy
Medical Security and Safety Management Department	Medical Security and Safety, including Incident Report Analysis Infection Control
Infection Control Department	Clinical Pharmaceutics, Clinical Pharmacology, Neuroscience
Pharmacy Department	Psychiatric and Mental Health Nursing, Acute Phase Nursing, Chronic Phase Nursing,
Nursing Department	Nursing Management Nursing Education, Health Promotio

Publications

			2021	2022	2023
Book	Book		1	3	3
	Book in Japanese		54	60	45
Grand Total			55	63	48
Article	Original Article		262	246	258
	Review		17	14	7
	Others		35	41	40
	Total		314	301	305
Article in Japanese	Japan Medical Abstracts Society	Original Article	66	65	50
		Review	9	5	3
		Others	632	609	668
	Total		707	679	721
	DB-Spiral	Original Article	57	21	43
		Review	26	14	23
	Total		83	35	66
Grand Total			1,104	1,015	1,092

* Articles in press included.

Conference Presentation

		2021	2022	2023
International Conference	Oral Presentation (Invited/Special)	5	1	4
	Poster, etc.	83	119	107
	Total	88	120	111
Domestic Conference	Oral Presentation (Invited/Special)	51	51	44
	Poster, etc.	640	672	748
	Total	691	723	792
Grand Total		779	843	903

Asahikawa Medical University Hospital

Asahikawa Medical University Hospital

Hospital Philosophy

We foster health care professionals who will be able to practice patient-centered care, contribute to community health, and be active internationally.

Objectives

1. To honor human rights and dignity and provide medical care for and develop rapport with the patient.
2. To provide anthropocentric medical care, harmonizing holistic medical care with advanced techniques.
3. To contribute to the betterment of community health and welfare, playing active roles in prevention and health support.
4. To foster medical professionals with strict medical ethics and rich global awareness.
5. To create future medical care and disseminate the results at home and abroad.

Institutional Certified Evaluation and Accreditation

Asahikawa Medical University Hospital is accredited as follows:

Evaluation of Hospital Functions (Japan Council for Quality Health Care)

Asahikawa Medical University Hospital was evaluated by third-party assessors according to prescribed criteria and certified as appropriately serving fundamental functions to provide medical treatments systematically.

Accreditation as a Baby Friendly Hospital

In August 2005, our hospital was accredited as a Baby Friendly Hospital (BFH) implementing The Ten Steps to Successful Breastfeeding (developed by WHO and UNICEF). Its accreditation was the 3rd in Hokkaido and the 1st among national university hospitals in Japan. It was re-accredited in July 2018.

Asahikawa Medical University Hospital Milestones

Milestone	Date
Establishment of Hospital Approved by Medical Care Act	1976
Advanced Treatment Hospital	October 1994
AIDS Treatment Care Hospital	April 1997
Diagnosis Procedure Combination Hospital	June 2003
Disaster Medical Assistance Team Designated Medical Institution	September 2007
Liver Disease Care Liaison Hospital	August 2009
Cooperation Core Hospital for Air Ambulance Project in Northern Hokkaido	October 2009
Medical Center of Acute Medicine	October 2010
Regional Perinatal Medical Center	March 2011
Disaster Base Hospital	November 2011
Baby Friendly Hospital	July 2018
Cancer Genomic Medicine Liaison Hospital	October 2018
Japan International Hospitals	October 2019
Evaluation of Hospital Functions (3rd generation, ver. 2.0)	March 2020
Designated Training Institution for the Training of Nurses in Specific Medical Procedures	August 2021
Hokkaido Cancer Care Coordination Core Hospital	March 2023
Baby-friendly NICU (Neonatal Intensive Care Unit)	August 2023
Regional Cancer Care Coordination Core Hospital	March 2024

Organization Chart

Director

Deputy Director
- Outpatient and Hospital Admission and Discharge
- Multidisciplinary Collaboration
- Hospital Management, Medical Equipment
- Accident Prevention
- Safety Management, Patient Service, Volunteer

Associate Director
- Education of Healthcare Professionals
- Clinical Training
- Clinical Ethics

Clinical Departments (39 Departments)

Internal Medicine
(Cardiology & Nephrology, Respiratory & Neurology, Endocrinology & Metabolism & Collagen Diseases, Gastroenterology, Hematology)
Cardiovascular Medicine, Renal Medicine, Respiratory Medicine, Neurology, Diabetes and Endocrinology, Rheumatology and Collagen Diseases, Gastroenterology, Hematology/Oncology

Psychiatry and Neurology

Pediatrics
Pediatrics, Adolescent Medicine, Neonatology

Surgery
(Vascular, Respiratory and Surgical Oncology,Cardiovascular, Hepato-Biliary-Pancreatic and Transplant Surgery, and Gastrointestinal Surgery)
Cardiac Surgery, Vascular Surgery, Respiratory Surgery, Pediatric Surgery, Breast Surgery, Hepato-Biliary-Pancreatic and Transplant Surgery, Gastrointestinal surgery

Orthopaedic Surgery

Dermatology

Urology
Renal and Urologic Surgery

Ophthalmology

Otorhinolaryngology–Head and Neck Surgery
Otorhinolaryngology, Head and Neck Surgery

Obstetrics and Gynecology
Perinatal Medicine (Obstetrics), Gynecology and Reproductive Medicine

Radiology
Radiology (Diagnostic Radiology, Interventional Radiology), Radiology (Radiation Oncology), Radiology (Nuclear Medicine)

Anesthesiology and Critical Care Medicine
Anesthesiology and Critical Care Medicine, Anesthesia, Cardiovascular Anesthesia, Pain clinic, Palliative Care

Neurosurgery

Oral and Maxillo-Facial Surgery

Emergency

Rehabilitation Department

Pathological Diagnosis

Plastic and Reconstructive Surgery

Central Clinical Facilities (31 Divisions)

- Medical Laboratory and Blood Center
- Surgical Operation Department
- Clinical Radiology Department
- Appliance Management and Supply Center
- Surgical Pathology Department
- Medical Center of Acute Medicine
- Intensive Care Unit Department
- General Medicine Department
- Center for Maternity and Infant Care
- Management Planning Department
- Post-graduate Clinical Training Center
- Telemedicine Center
- Clinical Research Support Center
- Community Health Care Center
- Rehabilitation Department
- Patient Total Support Center
- Clinical Engineering Office
- Genetic Counselling Office
- Department of Endoscopy
- Outpatient Chemotherapy Center
- Oncology Center
- Palliative Care
- Nutrition Management Department
- Liver Disorder Consultation and Support Room
- Breast Disease Center
- Dialysis Center
- Diagnostic Ultrasonics Imaging Center
- Center for Training Advanced Medica Specialists
- Center for Complex New Medical Technology Management
- Genetic Oncology Department
- Stroke Center

Medical Security and Safety Management Department

Infection Control Department

Pharmacy Department

Nursing Department

Medical Technology Department

- Medical Laboratory Transfusion Section
- Radiological Technology Section
- Pathological Technology Section
- Rehabilitation Section
- Clinical Engineering Section
- Nutrition Management Section
- Multidisciplinary Medical Technology Section

Clinical Activities in 2023

Number of Patients

Classification	Number
Total Number of Outpatients	355,612
Average Number of Outpatients per Day	1,463
Total Number of Inpatients	170,162
Number of Newly Registered Patients	7,696
Number of Newly Registered Patients since the Opening of the Hospital	443,409

* November 1, 1976–March 31, 2024
* Total Number of Beds: 602

Referral Rate and Reverse Referral Rate

Incoming Referral Rate	Outgoing Referral Rate
98.8 %	45.0 ‰

Patients by District

	Inpatients	Outpatients
Asahikawa	85,826	227,023
Sorachi	12,110	18,594
Ishikari	1,259	1,560
Shiribeshi	34	49
Iburi	144	149
Hidaka	113	134
Oshima	9	41
Hiyama	6	15
Kamikawa	40,566	78,206
Rumoi	5,825	8,491
Soya	9,233	7,633
Okhotsk	12,756	11,694
Tokachi	802	853
Kushiro	413	267
Nemuro	172	159
Outside Hokkaido	894	744
Total	170,162	355,612

Statistics of Discharged Patients

Diseases are classified according to the International Classification of Diseases (ICD-10) Stipulated by the World Health Organization (WHO)

	Classification by ICD	Number	Rate
I	Certain infectious and parasitic diseases(A00-B99)	175	1.15%
II	Neoplasms (C00-D48)	5,457	35.97%
III	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	116	0.76%
IV	Endocrine, nutritional and metabolic diseases(E00-E90)	332	2.19%
V	Mental and behavioural disorders (F00-F99)	43	0.28%
VI	Diseases of the nervous system (G00-G99)	381	2.51%
VII	Diseases of the eye and adnexa (H00-H59)	1,335	8.80%
VIII	Diseases of the ear and mastoid process (H60-H95)	79	0.52%
IX	Diseases of the circulatory system (I00-I99)	1,833	12.08%
X	Diseases of the respiratory system (J00-J99)	455	3.00%
XI	Diseases of the digestive system (K00-K93)	1,320	8.70%
XII	Diseases of the skin and subcutaneous tissue (L00-L99)	224	1.48%
XIII	Diseases of the musculoskeletal system and connective tissue (M00-M99)	926	6.10%
XIV	Diseases of the genitourinary system(N00-N99)	806	5.31%
XV	Pregnancy, childbirth and the puerperium(O00-O99)	371	2.45%
XVI	Certain conditions originating in the perinatal period (P00-P96)	232	1.53%
XVII	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	319	2.10%
XVIII	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	14	0.09%
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	669	4.41%
XX	External causes of morbidity and mortality (V00-Y98)	0	0.00%
XXI	Factors influencing health status and contact with health services (Z00-Z99)	17	0.11%
XXII	Codes for special purposes (U00-U89)	65	0.43%
Total		15,169	100%

International Classification of Diseases (ICD) :
International Statistical Classification of Diseases and Related Health Problems

Number of Emergency Patients

Departments	First Visit	Return Visit	Total
Internal Medicine (Cardiology, Nephrology, Respiratory, Neurology)	49	319	368
Internal Medicine (Endocrinology, Metabology, Collagen Diseases, Gastroenterology, and Hematology)	28	355	383
Psychiatry and Neurology	1	19	20
Pediatrics	46	277	323
Surgery (Vascular, Respiratory and Surgical Oncology)	21	80	101
Surgery (Cardiovascular)	27	58	85
Surgery (Hepato-Biliary-Pancreaticand Transplant Surgery)	9	24	33
Surgery (Gastrointestinal Surgery)	9	62	71
Orthopaedic Surgery	62	184	246
Dermatology	28	100	128
Urology	26	106	132
Ophthalmology	33	62	95
Otorhinolaryngology – Head and Neck Surgery	127	186	313
Obstetrics and Gynecology	41	336	377
Radiology	0	1	1
Anesthesiology and Critical Care Medicine	0	2	2
Neurosurgery	82	185	267
Oral and Maxillo-Facial Surgery	17	65	82
Emergency	473	1,570	2,043
Rehabilitation Department	0	1	1
Plastic and Reconstructive Surgery	14	31	45
Total	1,093	4,023	5,116

Number of Operations

Points	Number
0~999	1,654
1,000~2,999	2,027
3,000~4,999	1,207
5,000~9,999	1,655
10,000~14,999	2,142
15,000~19,999	800
20,000~	5,051
Total	14,536
By the surgical operation department	7,682

* The number includes the operations for outpatients.

Pathological Dissection

	Number
Mortality	361
Pathological Dissection	8
Dissecting Rate	2 %
Stillborn Dissection	1
Entrusted Dissection	0

Number of Anesthetizations

Points	Number
0~999	4,026
1,000~	6,792
Total	10,818
Nerve Block	360

Number of Clinical Examinations

	Inpatients	Outpatients	Total
General Examination	32,131	126,189	158,320
Hematology	138,502	210,583	349,085
Clinical Chemistry	930,310	1,925,147	2,855,457
Serology	109,270	249,457	358,727
Endocrinology	17,659	62,364	80,023
Bacteriology	11,414	4,641	16,055
Pathology	1,472	3,735	5,207
Physiology	84,653	80,054	164,707
Other Lab Tests	427	167	594
Blood Sampling and Testing, Liquid Sampling and Testing	1,815	80,748	82,563
Endoscopy	739	3,991	4,730
Classification code not included in the list	2	6	8
Department-specific Examinations	0	0	0
Total	1,328,394	2,747,082	4,075,476

Number of Deliveries

	Mature Babies	Premature Babies	Total
Normal	117	22	139
Dystocia	91	56	147
Total	208	78	286

Department of Rehabilitation

	Number
Physical Therapy	47,776
Occupational Therapy	15,623
Speech Therapy	9,220
Total	72,619
Number of Patients	6,153 人

Number of Radiographic Examinations

	Radiography	Radioscopy	Computed Tomography	Angiography
Inpatients	48,674	2,478	7,119	1,465
Outpatients	34,976	1,168	21,406	388
Total	83,650	3,646	28,525	1,853

Number of Radiation Therapies

	Radiotherapy	Radiotherapy Planning	Nuclear Medicine	Magnetic Resonance Imaging
Inpatients	3,926	378	773	2,098
Outpatients	4,179	287	2,817	7,393
Total	8,105	665	3,590	9,491

Intensive Care Unit: Number of Patients by Clinical Department

Department	Number
Cardiovascular Medicine	85
Renal Medicine	0
Respiratory Medicine	3
Neurology	5
Diabetes and Endocrinology	1
Rheumatology and Collagen Diseases	1
Gastroenterology	0
Hematology/Oncology	5
Pediatrics, Adolescent Medicine	11
Neonatology	0
Cardiac Surgery	213
Vascular Surgery	44
Respiratory Surgery	0
Pediatric Surgery	3
Breast Surgery	0
Hepato-Biliary-Pancreatic and Transplant Surgery	137
Gastrointestinal Surgery	65
Orthopaedic Surgery	11
Dermatology	2
Renal and Urologic Surgery	21
Ophthalmology	2
Otorhinolaryngology–Head and Neck Surgery	10
Perinatal Medicine	2
Women's Medicine	6
Radiology	0
Anesthesiology Pain Clinic	0
Neurosurgery	140
Oral and Maxillo-Facial Surgery	5
Emergency	75
Rehabilitation Department	0
Pathological Diagnosis	0
Plastic and Reconstructive Surgery	10
Total	857

Blood and Blood Components Used

Blood and Blood Components	Units	Number of Blood Bags
Red Blood Cell Component	12,700	6,413
Blood Plasma Component	9,959	4,299
Platelet Component	29,175	1,931
Autologous Blood	421.5	234
Total	52,255.5	12,877

Pathological Examinations

	In-hospital	Entrusted	Total
Histopathological Examination	7,167	190	7,357
Cytological Examination	4,748	0	4,748
Intraoperative Pathology	400	0	400
Telepathology	0	13	13
Total	12,315	203	12,518

Number of prescriptions dispensed

	Number
Inpatient prescriptions	108,786
In-house prescriptions for outpatients	8,269
Injection prescriptions	75,381

Number of sterile preparations of injectable drugs

	Number
Antineoplastic agents	21,793
Central intravenous nutrition	5,868
Other drugs	21,198

Number of inpatient ward pharmaceutical services

	Number
Inpatient ward pharmaceutical services	38,845
Drug administration guidance	12,260

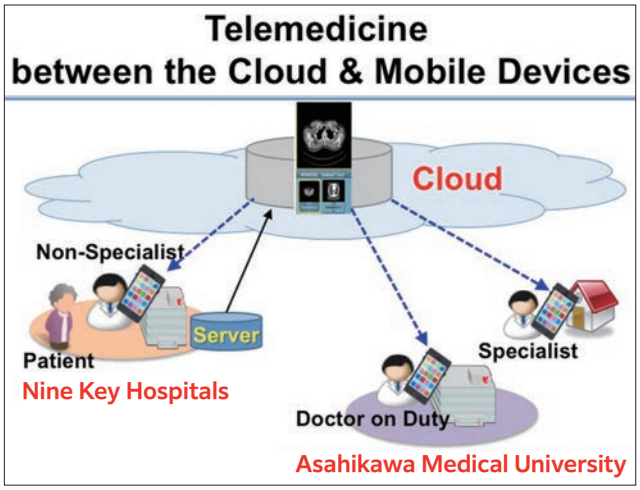
Telemedicine Center

Reducing Urban-Rural Medical Gaps

In order to reduce and eventually resolve problems in underpopulated areas and urban-rural medical service discrepancies, we connect with hospitals in rural areas through the telemedicine network and we have established medical systems to provide patients everywhere with advanced medical treatment.

Project to Support Collaborative Emergency Medicine Using the Cloud

Since October 2016, we have been conducting a project to support collaborative emergency medicine using the cloud, collaborating with nine hospitals in Hokkaido. We are conducting a project to support collaborative emergency medicine using the cloud. In this project, our medical specialists use their smartphones and tablets, look at patient information sent to the cloud on the internet, offer advice on diagnoses and treatment plans, and judge whether ambulance transportation to our hospital is necessary. This has made it possible to provide quicker treatments for patients suffering from heart diseases.



Health Administration Center

The Health Administration Center was established in 1984 and has been growing alongside students ever since. From the beginning, we have been dedicated to creating an environment that is accessible and user-friendly for students, aiming to be a 'low-threshold center.'

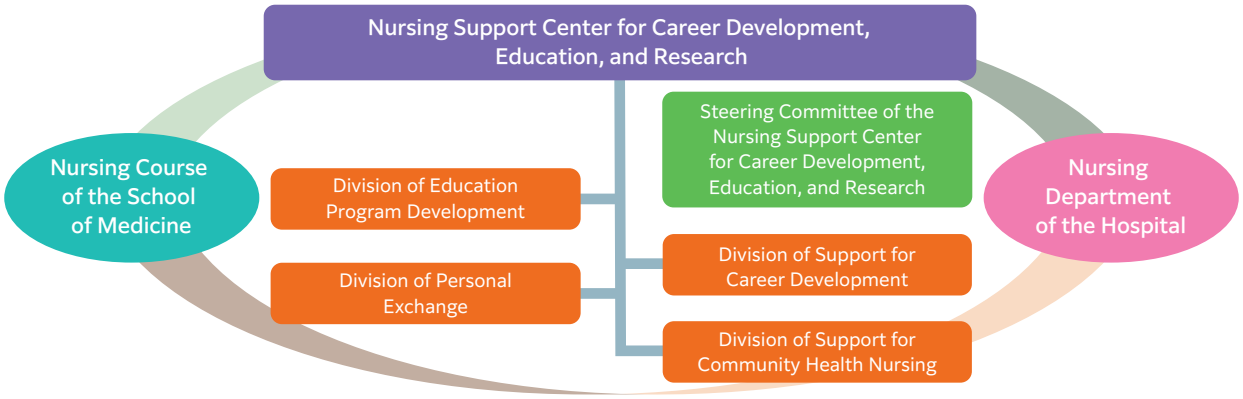
Consultations with Doctors and Public Heath Nurses

in AY 2023

Month	Consultations			Emergency Treatments	Medical Examinations	Others
	Physical	Mental	Total			
Apr.	304	24	328	42	64	87
May.	507	28	535	60	140	147
June	508	31	539	84	44	166
July	224	3	227	31	18	54
Aug.	289	23	312	18	14	131
Sep.	244	32	276	39	18	103
Oct.	431	47	478	48	34	144
Nov.	514	59	573	56	31	185
Dec.	393	35	428	28	2	211
Jan.	385	55	440	35	8	143
Feb.	286	34	320	24	16	116
Mar.	208	9	217	13	41	50
Total	4,293	380	4,673	478	430	1,537

Nursing Support Center for Career Development, Education, and Research

The Nursing Support Center for Career Development, Education, and Research supports careers and the education of nursing students, nurses working both in our hospital and in other hospitals, and faculty members, cooperating and collaborating cross-organizationally with health, medical, and welfare institutions in local communities, so that they can keep learning to improve their careers and they can change their places of work without a career break.



Consultations of Nursing Research and Career

AY 2023

	Number
Consultations	31

Training, Lectures, and Seminars Held

AY 2023

	Number of Events	Total Number of Participants
For Faculty Members	5	104
Only for Students in the Nursing Department	2	51
For Faculty Members and Nurses Working in Other Hospitals	8	Faculty Members:156 , Nurses:142
Total	15	453


Seminar on Preparation for Employment


Training for Practical Instruction Supervisors


Workshop on Using "Easy Japanese " for Patient Communication


Seminar on Collaboration with Home Nursing Care Providers

The Center for Training Advanced Medical Specialists

The Center for Training Advanced Medical Specialists was established in 2017 in response to the new board certificate system that started in April 2018. The Center provides information to doctors wishing to be medical specialists, coordinates with associated institutions, manages training, and holds seminars. The Center also accepts consultation about the new board certificate system. It will offer seamless support, collaborating with the Admission Center, the Post-Graduate Clinical Training Center, and the Center for Medical Education and Regional Symbiosis.

Library

Asahikawa Medical University Library provides an array of services to users so that they feel more familiar with the library. We hold various, diverse events such as the displaying books on a theme, small-scale lectures by our university staff, and information sessions about databases available in the library.

We also offer library tours and publish our information bulletin, Library News. We support users' learning and research by holding mini lectures and guidance according to their needs and provide education on how to search for books and journals, which is indispensable to learn medicine and nursing.

As of March 31, 2024

Library Holdings[Books]

		Japanese	Foreign	Total
General Education		30,363	6,200	36,563
Medical Education	Basic Medicine	8,971	19,494	28,465
	Clinical Medicine	45,039	29,588	74,627
	Nursing	8,764	307	9,071
Total		93,137	55,589	148,726

Library Holdings[Journals]

	Total
Japanese	2,595
Foreign	1,717
Electric Copy	4,527

Library Holdings[Audiovisual Material]

CD	CD-ROM	DVD	LD	Videotape	Others	Total
224	72	1,415	72	1,315	239	3,337

Discussion Space

Study Room

Computer Corner

Research Promotion Office

The purpose of the Research Promotion Office is to promote our university's research activities in a quick and efficient manner and consists of two divisions, the Research Promotion Division and the Intellectual Property Support Division, which are headed by the Clinical Research Support Center and the Intellectual Property Center, respectively. The main task of the Office is to support researchers by focusing on the promotion of clinical research and translational research, which require special knowledge and experience, as well as cooperation with related parties. Specifically, the Office will provide support for the formulation of clinical research plans, consultation on implementation systems, and support for pharmaceutical applications. The Office will also educate researchers, identify potentially fruitful research, and provide support for intellectual property and industry-academia-government collaboration.

Research Technical Support Center

The Research Technical Support Center was established to serve as the central department for basic research activities at the University and to enhance the technical support system for research activities. It consists of three technical support divisions: the Technical Support Division for Laboratory Equipment, the Technical Support Division for Animal Experimentation, and the Technical Support Division for Radioisotopes. Each technical support division provides support for a wide variety of research activities, including researcher education, research techniques, and management of research equipment and supplies. The Research Technical Support Center looks forward to researchers' active use of our technical support services.

Animal Laboratory for Medical Research

Joint-Use Facilities

Information and Communication Technology Center

The internet enables us to not only stay connected with the world and collect up-to-date academic information but also convey information about our university to the world. Asahikawa Medical University Campus Information Network (AMEC-Net) is composed of the four subsystems (medical and nursing research subsystem, information processing education subsystem, library information subsystem, and network administration subsystem). The information and communication technology center serves to provide undergraduates with information literacy education, support students and faculty searching for academic information, and convey the information about our university worldwide.

Clinical Simulation Center

The Clinical Simulation Center aims to help students to attain the following:

1. To learn basic clinical skills during preliminary training in pre-medical education and during clinical training – for undergraduates
2. To learn general clinical skills in post-graduate clinical training – for interns
3. To acquire advanced clinical skills and maintain continuing professional development – for doctors, nurses and co-medicals
4. To develop new teaching materials

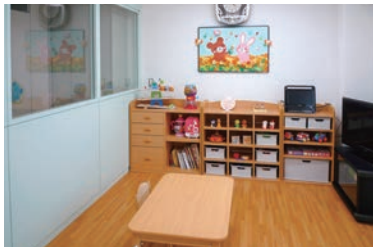
Summary of Clinical Simulation Center in 2023

	Actual Use (hours)	Number of Users
Computer Assisted Laboratory	665	2,296
Clinical Skills Laboratory for Diagnosis of Sense Organs	225	720
Basic Clinical Skills Laboratory	710	1,371
Clinical Skills Laboratory for the Heart–Lung Function and Emergency Medicine	1,006	2,258
Hand-washing Laboratory	337	919
Teaching-materials Creation Room	117	415

Support Center for Staff Returning to Work, Staff Wanting Assistance with Child Rearing, and Nursing Care (Nirinso Center)

Working Environment Friendly to Parenting Doctors and Nurses

Nirinso Center is the support center to help our staff keep their work-life balance in a good shape by making the working environment better. It helps staff returning to work after maternity leave, child-care leave, and nursing-care leave. It is composed of the four components (back to work support training, carrier support, child-care and nursing-care support, and sick and convalescent child nursing). The center also provides services such as educational programs, various kinds of seminars and lectures.


Room for sick and convalescent children, Nonno

Regional and International Contributions

Recently Concluded Agreements with Hospitals, Universities, and Cities

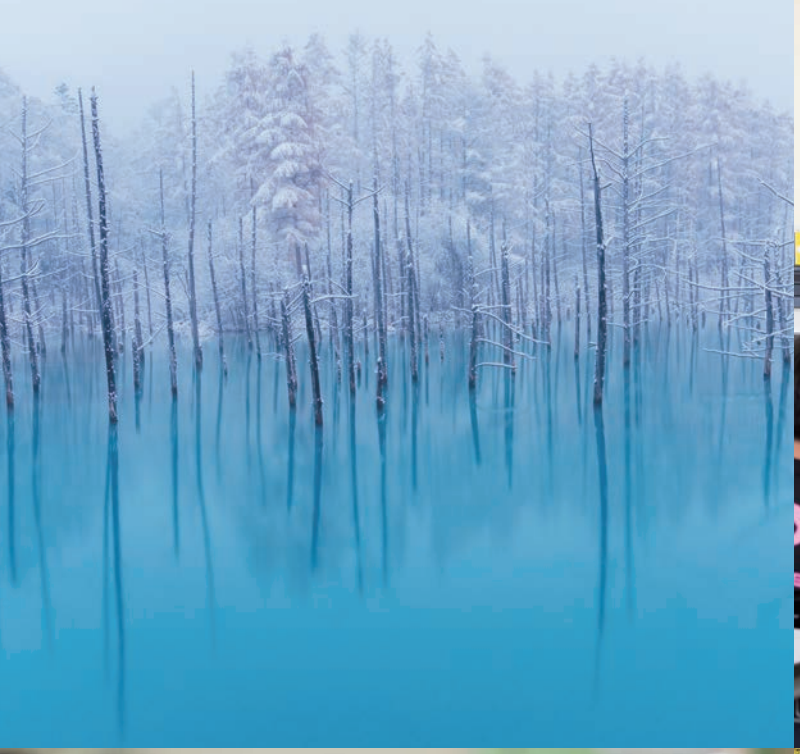
Partner	Basic Agreement	Concluded Date
National Universities in Hokkaido	Exchanging Credits	February, 2014
National Universities in Hokkaido	Educating International Students Prior to Admission	February, 2014
Furano City and Furano Association Association Hospital	Affiliation Agreement	March, 2014
Fukagawa City Hospital	Affiliation Agreement	April, 2015
Engaru-Kosei General Hospital and Engaru Town	Affiliation Agreement	January, 2016
Asahikawa City	Affiliation Agreement	June, 2014
The Tokyo Organizing Committee of the Olympic and Paralympic Games	Affiliation Agreement	June, 2014
Asahikawa City Hospital	Affiliation Agreement	December, 2016
Ashibetsu City	Affiliation Agreement	February, 2018

JICA Lectures on Hygiene Administration for Officers in Charge of Regional Medicine in Africa

Period	Number of Countries (Number of Participants)	Countries
June 19, 2023 – August 7, 2023	9 (9)	Togo, Kenya, Liberia, Malawi, Cote d'Ivoire, Eritrea, Rwanda, Senegal, Madagascar

Training on the Promotion, Demonstration, and Commercialization of Remote Diagnostic Medical Network System for the Improvement of Acute Disease Survival Rate in Rwanda

Period	Number of Countries (Number of Participants)	Countries
September 20, 2023 – September 22, 2023	1 (3)	Rwanda



International Exchange

International Students

As of May 1, 2024

Country	Graduate School		Total
	National Fund	Private Expense	
People's Republic of China.	1(1)	1(1)	2(2)
Total	1(1)	1(1)	2(2)

* The number in the parentheses indicates the number of female students.

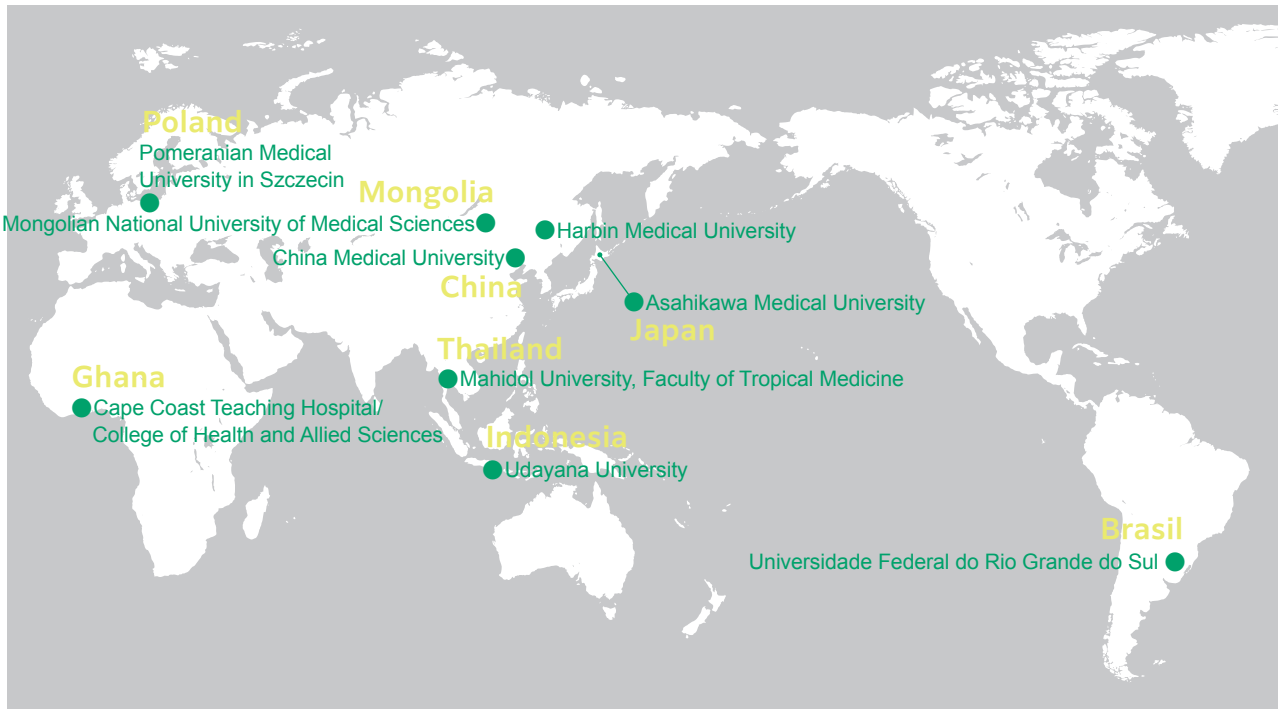
Annual Number of International Researchers and Visitors

	2021	2022	2023
Number	0	1	4

Universities with Academic Exchange Agreements

As of July 1, 2024

Associated University	China Medical University	Associated University	Mongolian National University of Medical Sciences
Country	China	Country	Mongolia
Agreement Period	Sep. 13, 2005 – Sep. 12, 2025	Agreement Period	July 23, 2012 – Nov. 15, 2027
Associated University	China Medical University	Associated University	Cape Coast Teaching Hospital/ College of Health and Allied Sciences
Country	Thailand	Country	Ghana
Agreement Period	Mar. 31, 2008 – Mar. 21, 2028	Agreement Period	July 23, 2018 – July 22, 2023 (Update in Progress)
Associated University	China Medical University	Associated University	Pomeranian Medical University in Szczecin
Country	Indonesia	Country	Poland
Agreement Period	Apr. 21, 2008 – May 14, 2028	Agreement Period	Nov. 28, 2018 – June 9, 2029
Associated University	Harbin Medical University	Associated University	Universidade Federal do Rio Grande do Sul
Country	China	Country	Brazil
Agreement Period	May 16, 2010 – May 15, 2025	Agreement Period	May 28, 2021 – May 27, 2026



Educational and Research Expenditure

As of May 1, 2024

Grants-in-Aid for Scientific Research in 2023

	Number	Direct Expenses	Indirect Expenses	Grand Total
Research on Innovative Areas	1	20,100	6,030	26,130
Scientific Research(B)	10	35,800	10,740	46,540
Scientific Research(C)	113	90,100	27,030	117,130
Challenging Research (Exploratory)	2	2,600	780	3,380
Young Scientists	43	38,300	11,490	49,790
Grant-in-Aid for Research Activity Start-up	2	1,100	330	1,430
Fund for the Promotion of Joint International Research (International Collaborative Research)	2	8,600	2,580	11,180
Fund for the Promotion of Joint International Research (Fostering Joint International Research)	3	0	0	0
Grant-in-Aid for Publication of Scientific Research Results	1	500	0	500
Total	177	197,100	58,980	256,080

* The number indicates the research led by principal investigators.

(Unit: JPY 1,000)

External Funds in 2023

	Number	Amount of Money
Endowments	447	273,701
Endowments (Funded Department)	7	107,000
Contract Research Funds (General)	79	28,158
Contract Research Funds (Clinical Trial)	187	74,660
Contract Institute Funds (Pathological Tissue Examination)	4,725	48,828
Joint Research	59	82,917
Other Competitive Research Funds	13	97,679
Asahikawa Medical University Fund	685	73,135
Total	6,202	786,078

(Unit: JPY 1,000)

Other External Competitive Funds in 2023

	Number	Direct Expenses	Indirect Expenses	Grand Total
AMED Medical Research and Development Promotion Grant	1	9,500	2,850	12,350
AMED Health and Medical Research Promotion Grant	2	15,000	4,500	19,500
AMED Bridging Research Program	1	9,856	2,957	12,813
AMED Public-Private Young Researcher Discovery Support Program (Grant Program)	1	13,980	4,194	18,174
AMED International Science and Technology Collaborative Research Promotion Project	1	7,248	2,174	9,422
AMED Next-Generation Cancer Medicine Acceleration Research Project	1	4,000	1,200	5,200
Grant-in-Aid for Scientific Research Subsidized by Ministry of Health, Labour and Welfare	1	4,620	1,380	6,000
CREST by Japan Science and Technology Agency	1	2,000	600	2,600
JST Program for the Development and Promotion of Program Managers (PM)	1	3,000	900	3,900
JST COI-NEXT	1	2,000	600	2,600
Bilateral Program by Japan Society for the Promotion of Science	1	2,000	0	2,000
Ministry of Economy, Trade, and Industry Growth-Oriented Small and Medium Enterprises Research and Development Support Program	1	2,400	720	3,120
Total	13	75,604	22,075	97,679

* The number indicates the research led by principal investigators.

(Unit: JPY 1,000)

Revenue and Expenditure for Fiscal Year 2024

Revenue	
Subsidies for the National University Cooperation	4,911
Subsidies for Facility Improvement	60
Other subsidies	133
NIAD-QE grants for facility Construction	18
Self-Revenue	27,008
Tuition / Examination and Entrance Fees	576
University Hospital Revenue	26,171
Miscellaneous Revenue	261
Revenues of University-industry Cooperation Research and Endowment Projects	865
Proceeds from long term loans	598
Total	33,740

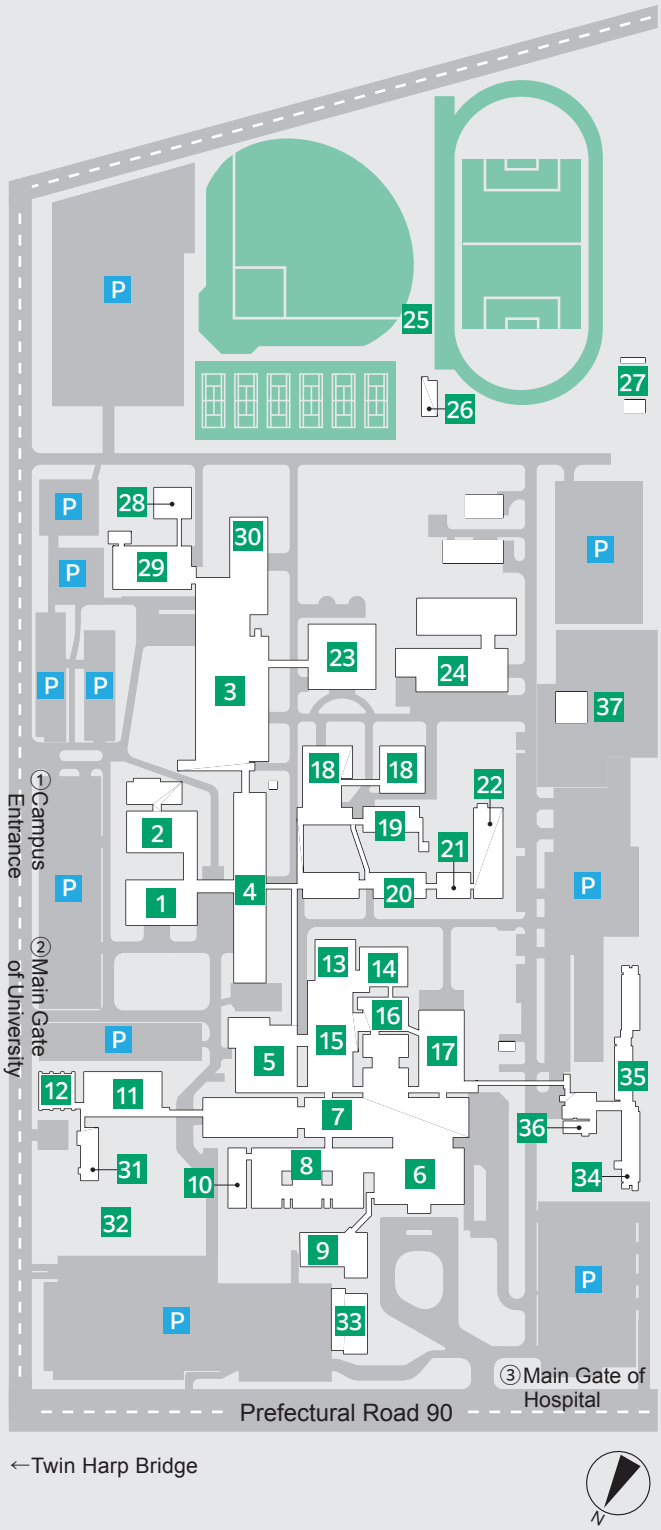
Expenditure	
Operating Expenses	30,993
Education and Research Expenses	4,834
Physician Expenses	26,159
Facility Improvement Expenses	675
Grants	133
Expenses on University-industry Cooperation Research and Endowment Projects	865
Long Term Loan Redemption	1,075
Total	33,740

(Unit: JPY 1,000,000)

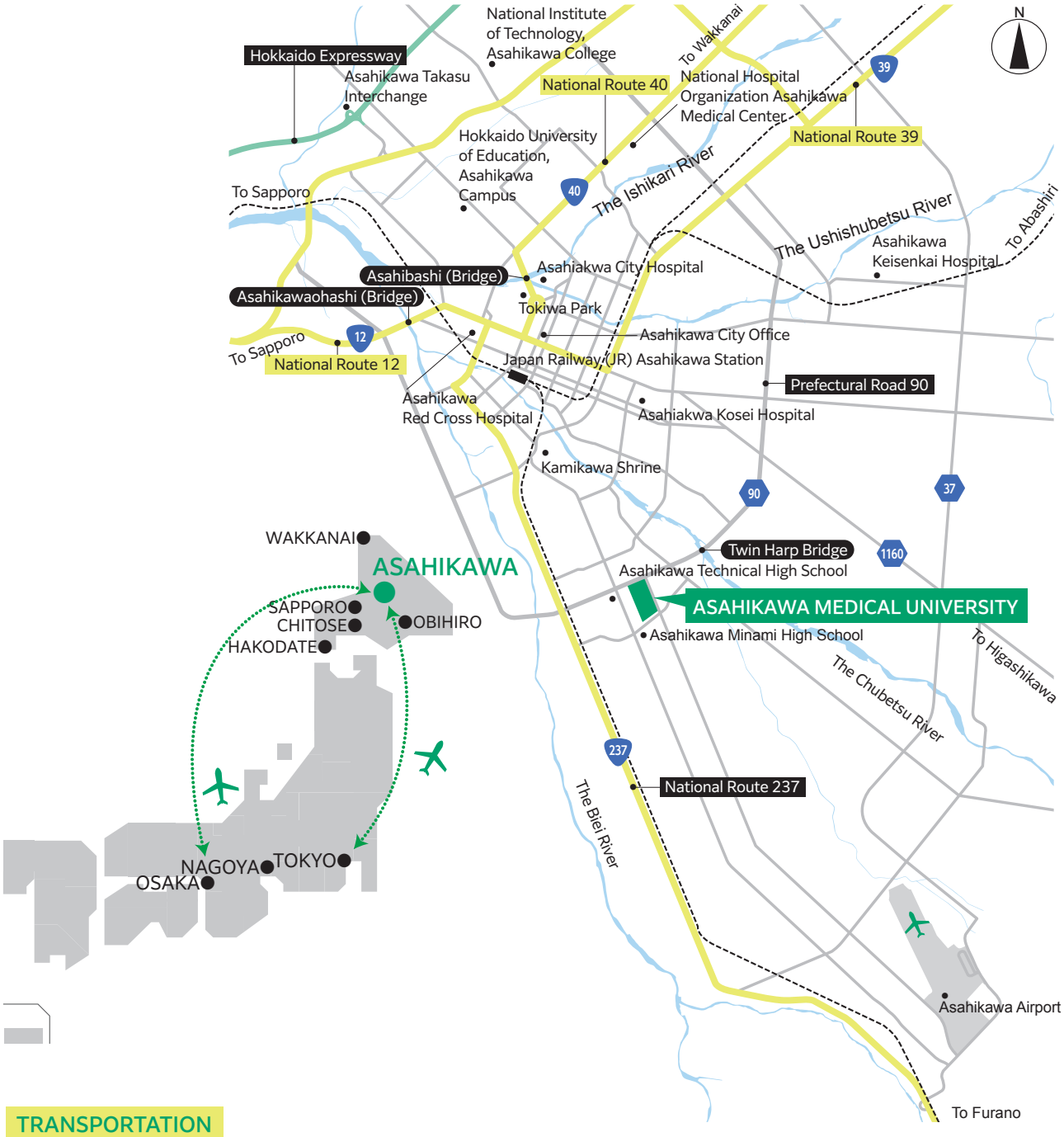
Campus Map

Campus Map

1 Administration Bureau Building
2 Library
3 Lecture and Practical Training Building
4 Integrated Research Building
5 Clinical Lecture Building
6 Entrance
7 Ward
8 Outpatient Consultation Ward
9 Restaurant Building
10 Medical Information Building
11 Shared Building(A)
12 Shared Building(B)
13 MRI-CT Building
14 Radiation Facility
15 Central Clinical Building A
16 Special Clinical Building
17 Central Clinical Building B
18 Animal Laboratory for Medical Research
19 RI Research Facility
20 Central Laboratory for Research and Education
21 Clinical Research Building
22 Shared Research Building
23 Nursing Course Building
24 Mechanical Building
25 Sports Ground
26 Clubrooms
27 Japanese Archery Hall
28 Martial Arts Hall
29 Gymnasium
30 Welfare Facility
31 Day Nursery
32 Outdoor Rehabilitation Space
33 Midorigaoka Terrace
34 Family House (Hospital Hospitality House)
35 Dormitory for Nurses
36 Triage Center
37 Air Ambulance Heliport



Location



TRANSPORTATION

By Train (Japan Railways):

About 1 hour and 25 minutes from Sapporo Station to Asahikawa Station

About 2 hours and 20 minutes from New Chitose Airport Station to Asahikawa Station (transfer in Sapporo)

By Bus (Asahikawa Denki Kido):

About 35 minutes from Asahikawa Station (Number 27 Bus Stop) to Idai Byoin Mae (Asahikawa Medical University Hospital) via Ryokuto Ohashi by bus number 71

By Bus (Asahikawa Denki Kido and Furano Bus):

About 30 minutes from Asahikawa Airport to Asahikawa Idai Mae (Asahikawa Medical University)

By Taxi:

About 15 minutes from Asahikawa Station to Asahikawa Medical University

About 20 minutes from Asahikawa Airport to Asahikawa Medical University

The Emblem of the National Institution for Academic Degrees and University Evaluation

As is stated in Article 109, Section 2 in the School Education Law, Asahikawa Medical University was evaluated by the National Institution for Academic Degrees and Quality Enhancement of Higher Education and was certified on March 24, 2022, to be in satisfactory compliance with the standards of the Japan Institution for Higher Education Evaluation.

Japan Accreditation Council for Medical Education (JACME)

In AY 2019, the School of Medicine at Asahikawa Medical University was evaluated and audited by the Japan Accreditation Council for Medical Education (JACME) in order to assure the quality of our educational system. We were certified that we satisfy the global standards for Basic Medical Education.

The Emblem Accredited by the Japan Accreditation Board for Nursing Education

In AY 2022, the School of Nursing at Asahikawa Medical University was evaluated and audited by the Japan Accreditation Board for Nursing Education. We were certified that we satisfy its standards.

The Emblem of Asahikawa Medical University

Snow crystals and the Japanese rowan (designated as the Asahikawa City Tree) symbolize Hokkaido and Asahikawa respectively. The characters in the middle of the symbol represent Asahikawa Medical University in the center of Hokkaido.

The Brand Mark of Asahikawa Medical University

The emblem was designed out of the striped initial letter of Asahikawa Medical University. Its upward strokes symbolize the university nurturing medical professionals and researchers from Asahikawa, and improving and providing local community-oriented medical care and welfare. The purple in the emblem implies a landscape of lavenders, medical sagacity, and international contribution, and the green symbolizes regeneration and the brilliance of life.

Kurumin Logo

On June 25, 2015, based on Article 13 of Act on Advancement of Measures to Support Raising Next-Generation Children, we were accredited by the president of the Hokkaido Labor Bureau to be an organization friendly to families raising children, and were granted the Kurumin logo, a mark showing the accreditation.

Asahikawa Medical University

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