



Fall 2018 Admission  
Spring 2019 Admission

**Hirosaki University  
Graduate School of Health Sciences**

# **Doctoral Course**

**(Special Category for Foreign Student Admission)**

**Application Guidelines  
for the Entrance Examination**

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# I. Special Category for Foreign Student Admission

(Fall 2018 & Spring 2019)

## I-1 Admission Quota

The Graduate School of Health Sciences Doctoral Course is composed of Nursing Science, Radiation Science, Bioscience and Laboratory Medicine, and Comprehensive Rehabilitation Science Departments, as well as the Radiological Health Science Course.

Table 1. Admission quota

Major	Department	Academic degree	Admission Quota		
			Fall 2018 Admission	Spring 2019 Admission	
				The First	The Second
Health Sciences (Doctoral Course)	Nursing Science	Doctor of Philosophy	A few	A few	
	Radiation Science				
	Bioscience and Laboratory Medicine				
	Comprehensive Rehabilitation Science				

- This number also includes the number of students to be admitted to the Radiological Health Science Course

## I-2 Eligible Applicants

Applicants must not be Japanese nationals and should meet all the following essential requirements and any corresponding provisions. Japanese language proficiency is not required, but conversational Japanese ability is preferred.

### Essential Requirements

- Applicants who cannot come to Japan to take the entrance examination
- Applicants who have obtained a recommendation letter attesting to the applicant's competence and scholastic performance from the applicant's prospective faculty advisor in the Graduate School of Health Sciences, Hirosaki University
- Applicants who, according to the Immigration Control and Refugee Recognition Act, have a resident status that would not prevent entrance into graduate school or who can obtain the appropriate status after entrance into graduate school.

### Corresponding Provisions

- Applicants who have a master's or professional degree from a school overseas, or are expected to be awarded such a degree by September 2018 (Fall 2018 applicants) or March 2019 (Spring 2019 applicants).
- Applicants who have a degree equivalent to a master's or a professional degree from a school overseas, or are expected to be awarded such a degree by March 2019.
- Applicants designated by the Ministry of Education, Culture, Sports, Science and Technology (Ministry of Education Notification No. 118/1989). This designation requires the following: Completion of a 16-year overseas education course, or an overseas correspondence course in Japan equivalent to a 16-year education course in the country concerned, followed by engagement in research at a university and/or a research institute for two years or longer, and recognized by the Graduate School as having an academic aptitude equivalent to or higher than that of a master's degree holder, based on research results.
- Applicants recognized by the Graduate School as having an academic aptitude equal to or higher

than that of a master's or professional degree holder, as verified by the individual admission qualification screening, and who are at least 24 years of age by September 2018 (Fall 2018-applicants) or by March 2019 (Spring 2019-applicants).

Pre-assessment of applicants' qualifications will be conducted prior to the application period for the entrance examination for applicants who fall under provision 3) or 4).

### I-3 Preliminary Consultation

- Applicants must indicate a member of the Graduate School of Health Sciences faculty as a desired advisor in Table 5-a through Table 5-d.
- Research plans must be discussed and approval must be obtained from that prospective advisor.
- Please refer to “II-4: Radiological Health Science Course” for information regarding the Radiological Health Science Course.

Prior to sending in the application, applicants who wish to apply to the Radiological Health Science Course must contact and consult with the faculty member the applicant is interested in receiving training from in order to confirm whether it is possible to choose the Radiological Health Science Course. Applications must be sent in after obtaining approval from the prospective faculty member to choose this course.

- For questions, please contact the Admissions Office of Health Sciences.

Admissions Office, Hirosaki University, Graduate School of Health Sciences  
66-1 Honcho, Hirosaki Aomori 036-8564, JAPAN  
Phone: +81-172-39-5911, Fax: +81-172-39-5912

### I-4 Pre-Assessment of Applicants' Qualifications

Applicants who wish to apply for admission under provision 3) or 4) should obtain proof of the relevant qualifications before starting the application process.

#### 1. Documents to Be Submitted

Those who apply under provision 3) must submit the documents listed in Table 2.

Table 2

Application for pre-assessment	Complete application Form A
Certified Academic Record	Submit an official undergraduate transcript.
Official Certificate of Graduation	Submit an official undergraduate Certificate of Graduation.
Certificate of academic research record	Submit a record of research titles and durations certified by the president of a university, the head of a research institute or other organization, or a research advisor. No specific format is required.
Summary of research experience	Complete application Form B

Those who apply under provision 4) must submit the documents listed in Table 3.

Table 3

Application for pre-assessment	Complete application Form A
Official Transcript issued by the last academic institution attended.	Submit a transcript issued by the last academic institution attended.
Official Certificate of Graduation	Submit an official Certificate of Graduation issued by the last academic institution attended.
School's course curriculum and academic requirements for graduation	For that academic institution, submit the course curriculum/syllabus and academic requirements for graduation.
Certificate of employment issued by a person with authority over personnel administration in the applicant's workplace	Submit a certificate of employment issued by a person with authority over personnel administration in the applicant's workplace.
Summary of research experience	Complete application Form B

## 2. Application Period for Pre-Assessment

### Fall 2018 Admission

From Monday, June 11 to Friday, June 15, 2018

Applications must be received by 5:00 PM (JST) on Friday, June 15, 2018

### Spring 2019 Admission

[First period application]

From Tuesday, July 10 to Friday, July 13, 2018

Applications must be received by 5:00 PM (JST) on Friday, July 13, 2018

[Second period application]

From Monday, November 19 to Friday, November 22, 2018

Applications must be received by 5:00 PM (JST) on Friday, November 22, 2018

## 3. Address for Submission of Documents:

Admissions Office, Hirosaki University, Graduate School of Health Sciences 66-1 Honcho, Hirosaki, Aomori 036-8564, JAPAN Phone: +81-172-39-5911, Fax: +81-172-39-5912
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## 4. Announcement of Results

### Fall 2018 Admission

Applicants will be notified of the pre-assessment results by Friday, June 22, 2018 by email.

### Spring 2019 Admission

[First period application]

Applicants will be notified of the pre-assessment results by Friday, July 20, 2018 by email.

[Second period application]

Applicants will be notified of the pre-assessment results by Friday, November 30, 2018 by email.



- Responsible for bank charges Sender
- Via bank charges Sender
- Amount JPY 30,000
- Purpose Application fee

**[Recipient account information]**

- Bank name Aomori Bank
- Branch name Hirosaki Branch
- Account type Regular
- Bank address 19 Oyakatamachi, Hirosaki, Aomori 036-8191, Japan
- Swift code AOMBJPJT
- Account number 201-1228599
- Account holder's name KEI SATO, PRESIDENT OF HIROSAKI UNIVERSITY,  
NATIONAL UNIVERSITY CORPORATION
- Account holder's address 1 Bunkyo-cho, Hirosaki, Aomori 036-8560, Japan
- Account holder's telephone number +81-(0)172-36- 2111
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**[Note]**

- The sender should be applicant.
- When transferring funds from outside of Japan, two extra charges are incurred: a transfer charge and a transaction fee in Japan.
- Both of these charges are to be paid by the sender.
- At the bank counter, please be sure to specify the transaction fee in Japan as “sender to pay”.
- If this is not done, Aomori Bank will charge that fee to the recipient, and as a result, your payment to Hirosaki University will be insufficient.
- If the correct amount is not transferred to the recipient's account, the applicant will be considered to have failed to make the payment.
- **BE SURE to pay all fees and charges; they MUST be at the sender's (the applicant's) expense**
- **Applicants must pay the entrance examination fee of JPY 30,000 by bank transfer, and must provide sender and transaction information on Form (3).**

## I-6 Application Documents

Table 4. List of application documents for foreign student admission

\*In the following chart, “◇” indicates documents that must be submitted;  
“†” indicates optional documents that may only need to be submitted in certain cases.

Application Documents	Notes	*
Admission Application Form	Fill out the required information in <b>Form (1)</b> and attach a photo (3 cm × 4 cm) where indicated. The photo must have been taken within three months of applying, with a full-face view of the applicant directly facing the camera against a plain white background without a hat.	◇
Curriculum Vitae	Fill out the required information in <b>Form (2)</b> .	◇
Official Transcripts	Official transcript <b>MUST</b> have the official signature of the president of the applicant's university, and <b>MUST</b> be in a sealed envelope.	†
Payment Method of Entrance Examination Fee	Applicants need to pay an entrance examination fee of JPY 30,000 by bank transfer, and must provide the sender and transaction information on <b>Form (3)</b> .	◇

Certificate of Completion or Graduation (Expected Graduation)	Issued by the last school applicant attended. This certificate <b>MUST</b> have the official signature of the university president or faculty dean (or head of the school if not a university) and be in a sealed envelope.	†
Summary of Master's Thesis/Research Progress Report	A. Submit a copy of master's thesis along with <b>Form (4)</b> as a summary. The summary is limited to 2,000 characters in Japanese or 500 words in English. B. Those who have not written a thesis are requested to fill out <b>Form (4)</b> as a "Research Progress Report" to show the progress of their research. Word counts are the same as those in A.	†
Research Achievements and English Proficiency Report	If reporting any research achievements other than a master's thesis, such as published books, academic theses/lectures/reports, or patents, please fill out <b>Form (5)</b> . [Note 1] Attach reprints or copies of items listed. Papers currently under review should not be listed. However, papers accepted for publication can be listed along with a copy of the manuscript and the letter of acceptance. [Note 2] Provide the score(s) of English language ability test(s) (TOEIC, TOEFL or IELTS) in <b>Form (5)</b> and attach a copy (copies) of the official score sheet as evidence. If you are a native English speaker or if English is an official language in your country, English language ability test scores are not required.	◇
Research Plan	Fill out the required information on <b>Form (6)</b> . The maximum word count is 2,000 characters in Japanese or 500 words in English	◇
Letter of Recommendation	Recommendation letter(s) issued by the president of the most recent school attended or by relevant faculty members. No specific format is required.	◇
Approval and Recommendation Letter from Prospective Advisor	To be submitted directly by your prospective advisor. Applicants must indicate a member of our teaching staff at the Graduate School of Health Sciences faculty as a desired advisor. Discuss research plans and obtain approval from that faculty member. The faculty member (prospective advisor) must fill out and sign <b>Form (7)</b> . Evidence of correspondence (e.g., copies of letters/emails between the applicant and the advisor, etc.) must accompany <b>Form (7)</b> upon submission.	◇
Copy of Passport	Submit a copy of the pages in your passport that show the passport holder's photograph and passport expiration date.	◇
Address Sheet	The address sheet, <b>Form (8)</b> , will be used by the admissions office to send an acceptance letter and admission documents to applicants. Please write (print) or typewrite all information, including your name, address and postal/zip code, clearly in the boxes provided. Send this sheet together with the other application documents. Any change of address must be reported to the admissions office immediately.	◇

#### Steps to follow to prepare **Form (7)** "Letter of Approval"

- Applicants must select an advisor from among in Table 5-a through Table 5-d and inform the admissions office of their choice of advisor by email.
- Applicants must contact and communicate with their desired advisor frequently and consult with them about research plans.
- Applicants are required to be approved by their choice of advisor prior to application.
- Applicants should ask their desired advisor to prepare and submit **Form (7)**.

## I-7 Screening

Admission screening will be conducted on the basis of the documents submitted.

## II. Procedures for Enrollment/Registration and Payment of Fees

### II-1 Announcement of Application Results



Fall 2018 Admission : July 20, 2018 (10:00 AM)

Spring 2019 Admission

[First period application] : Friday September 14, 2018 (10:00 AM)

[Second period application] : Friday February 15, 2019 (10:00 AM)

Results will be announced on the bulletin board on the ground floor of the Graduate School of Health Sciences, Hirosaki University, and will also be mailed to successful applicants.

Additionally, successful applicants' examinee numbers will be announced on our website.

URL: <http://www.hs.hirosaki-u.ac.jp/kouhou/hg/web/entrance.html>

Inquiries by telephone or other means regarding results will not be accepted.

## II-2 Procedures for Enrollment Registration

Successful applicants must submit admission documents to the admissions office in person or by mail. Applicants must pay the admission fee by bank transfer during the admission procedure period.

### 1. Period for Admission Procedures and Office Location

Fall 2018 Admission

Successful applicants will be notified of the details of enrollment procedures.

Spring 2019 Admission

Period for Admission Procedures:

**From Thursday, February 28 to Friday, March 1, 2019**

Office Location: Hirosaki University, Graduate School of Health Sciences

66-1 Honcho, Hirosaki, Aomori 036-8564, JAPAN

Phone +81-172-39-5911, Fax +81-172-39-5912

E-mail: [jm5911@hirosaki-u.ac.jp](mailto:jm5911@hirosaki-u.ac.jp)

If the applicant fails to complete the admission procedures by the deadline, they will be deemed to have declined the offer of enrollment.

### 2. Payment of Admission Fees

a) Admission Fee JPY 282,000

Those who will have completed a master's program at our Graduate School and will advance to this program as well as those who are Japanese Government Scholarship students DO NOT need to pay the admission fee.

b) Tuition      First semester      JPY 267,900  
                    Second semester      JPY 267,900

Japanese Government Scholarship students DO NOT need to pay tuition.

Note:

The admission fee is non-refundable under any circumstances.

The fees listed above are as of April 2019. They are subject to change before or after admission. Any amendments will take effect immediately and apply to all students.

For students with severe difficulty in paying the admission fee and/or tuition, exemption/payment postponement/monthly installment programs are available (The monthly installment program only applies to tuition.). Students are advised to read through the handouts for the programs, which will be enclosed with the admission documents.

## II-3 Handling of Personal Information

Personal information, such as name, address, etc., provided by applicants to the university in the process of applying for admission will only be used for the following: 1) assessment of applicants; 2) announcement of results; 3) enrollment procedures; 4) surveys and research on student selection methods; and 5) business operations pertaining to 1) through 4).

## II-4 Radiological Health Science Course

The objectives and goals of the Radiological Health Science Course from the perspective of human resources development are as follows:

Among the individuals who complete this Doctoral Radiological Health Science Course, only those who have already completed the Graduate School of Health Sciences Master's Radiological Health Science Course will be awarded the title of Senior Radiological Health Scientist.

No regulations are in place regarding the maximum number of enrolled students for the Radiological Health Science Course.

However, the topic of the doctoral dissertation for the Radiological Health Science Course must be related to radiation.

### <Objectives>

To cultivate high-level educators and researchers in Radiation Emergency Medicine associated with radiation, and to train individuals who can contribute to the academic development of this field.

### <Goals>

- ① To learn advanced and specialized knowledge and techniques related to Radiation Emergency Medicine.
- ② To learn research methods required in the field of radiation emergency medicine, and to be able to expand these methods.

## II-6 Other

If an applicant has a disability and wishes to be provided with reasonable accommodations on the oral examination and in school, please contact the admissions office.

Admissions Office, Hirosaki University, Graduate School of Health Sciences 66-1 Honcho, Hirosaki, Aomori 036-8564, JAPAN Phone +81-172-39-5911, Fax +81-172-39-5912
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Table 5-a Nursing Science

Advisors	Research Themes
Ruriko Kidachi, Professor Tel: +81-172-39-5922 kidachi@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Research on the integrated community care system for family caregivers and nurses</li> </ul>
Toru Takahashi, Professor Tel: +81-172-39-5947 ttaka@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Transition from pediatric to adult health care for patients with childhood-onset heart disease</li> <li>• Prenatal diagnosis and management of heart disease</li> <li>• Neurohumoral factors in pediatric patients with heart disease</li> </ul>
Tsuyoshi Higuchi, Professor Tel: +81-172-39-5949 higuchi@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Influence of therapy for gynecologic malignancies on bone metabolism and vascular damage</li> </ul>
Yuka Noto, Professor Tel: +81-172-39-5923 noto@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Radiation protection in nursing</li> <li>• Study of the efficacy of complex physical therapy for lymphedema and of patient self-management of lymphedema</li> </ul>
Chieko Itaki, Professor Tel: +81-172-39-5974 itakichi@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Effects of physical activity on emotions</li> <li>• Radiation emergency medicine in nursing education</li> </ul>
Chiaki Kitamiya, Professor Tel: +81-172-39-5945 chiaki@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Support for families of chronically ill children</li> <li>• Health promotion by public health nurses</li> </ul>
Akemi Fujita, Associate Professor Tel: +81-172-39-5948 a_fujita@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Rehabilitation and QOL of cancer patients and their families</li> <li>• Patient education</li> </ul>
Noriko Ogura, Associate Professor Tel: +81-172-39-5907 ogu1224@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Career development and/or continuation education for nurses</li> <li>• Job satisfaction and/or workplace environment of nurses</li> <li>• Patient education by nurses</li> </ul>

Table 5-b Radiation Science

Advisors	Research Themes
Yoichiro Hosokawa, Professor Tel: +81-172-39-5957 hosokawa@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Signal transductions and reactive oxygen species in radiation apoptosis</li> <li>• Estimation and calculation of radiation doses in radiotherapy</li> </ul>
Yoko Saito, Professor Tel: +81-172-39-5939 yokosait@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Optimization and clinical applications of imaging modalities, especially CT and MRI</li> <li>• Usefulness and outcome of imaging modalities</li> <li>• Radiation exposure in CT and associated risks</li> </ul>
Shinji Tokonami, Professor Tel: +81-172-39-5404 tokonami@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Upgrading and standardization of radiation measurement techniques and dose assessment</li> <li>• Assessment of radioactivity and radiation from various radionuclides in the environment</li> <li>• Radiation risk analysis for establishment of radiological protection system</li> </ul>
Eichi Tsuruga, Professor Tel: +81-172-39-5954 tsuru@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Sensitivity of alveolar elastic fibers to radiation exposure</li> <li>• Mechanism of formation of elastic system fibers in the dermis</li> <li>• Remodeling of the ciliary zonule</li> </ul>
Yasuyuki Takahashi, Professor Tel: +81-172-39-5917 ytaka3@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Studies on tracer kinetics and bioanalysis</li> <li>• Studies on improvement of SPECT and PET image quality</li> <li>• Studies on reduction of medical exposure</li> <li>• Research related to the law of radiological technologist</li> </ul>
Junichi Hirota, Associate Professor Tel: +81-172-39-5960 jhirota@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Radiation power generation for converting radiation energy into electric power</li> <li>• Technological innovation through medical-engineering collaboration</li> <li>• Heavy charged particle therapy</li> </ul>

Masahiro Hosoda, Lecturer Tel: +81-172-39-5956 m_hosoda@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Measurement, environmental dynamics and dose estimation of environmental radiation and radionuclides</li> <li>• Advancement of radiation measurement methods and dose evaluation in radiation emergency medicine</li> </ul>
Satoru Monzen, Lecturer Tel: +81-172-39-5959 monzens@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Investigation of the mechanisms of the pathogenesis of bone marrow failure induced by high/low-dose rate ionizing radiation</li> <li>• Search for the radiation biodosimetric marker(s) with high precision in biogenic substances</li> </ul>

Table 5-c Bioscience and Laboratory Medicine

Advisors	Research Themes
Jun Watanabe, Professor Tel: +81-172-39-5967 watajun@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Effect of sex steroids on endometrial cancer cells</li> <li>• Prognostic or predictive factors in endometrial cancer</li> <li>• Mechanisms underlying the carcinogenesis of uterine cervical cancer</li> <li>• Morphological, molecular pathological, and digital image analysis of cytology</li> </ul>
Koichi Ito, Professor Tel: +81-172-39-5925 kohito@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Reconstitution of the immune system through murine umbilical cord blood transplantation</li> <li>• Molecular mechanisms involved in differentiation and maturation of hematopoietic stem cells</li> <li>• Regulation of intestinal immunity by nucleotides</li> </ul>
Yusuke Tando, Professor Tel: +81-172-39-5992 ytando@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Disease and changes in metabolism of nutrients</li> <li>• Pancreatic exocrine function, digestion and absorption</li> <li>• Signal transduction system in pancreatic fibrosis and inflammation</li> </ul>
Tomisato Miura, Associate Professor Tel: +81-172-39-5966 tomisato@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Development of novel cytogenetic parameters for the estimation of radiation dose absorption</li> <li>• Analysis of background factors that affect chromosomal abnormalities</li> <li>• Effects of apple procyanidins on the prevention of lifestyle-related disease</li> <li>• Biological effects of radiation exposure</li> </ul>
Naoki Nanashima, Lecturer Tel: +81-172-39-5968 nnaoki@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• New health functions of blackcurrant</li> <li>• Function of estrogen-related receptors in skin</li> <li>• Function of hair keratin in mammary gland</li> </ul>
Mitsuru Chiba, Lecturer Tel: +81-172-39-5965 mchiba32@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Study on the function of extracellular vesicles</li> <li>• Cancer and functional RNA</li> <li>• Cancer invasion and metastasis</li> <li>• Identification of a biomarker for early diagnosis</li> </ul>

Table 5-d Comprehensive Rehabilitation Science

Advisors	Research Themes
Akira Ishikawa, Professor Tel: +81-172-39-5978 a_ishi@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Cardiorespiratory response and autonomic nerve activity during low- to moderate-intensity exercise</li> <li>• Physical disability evaluation in patients with cardiopulmonary disease, renal disease and muscular dystrophy</li> <li>• Prevention of occupational low back pain in nursing care workers</li> </ul>
Takao Osanai, Professor Tel: +81-172-39-5989 osanai@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Strategy for improving quality of life of people with mental disability</li> </ul>
Junko Yamada, Professor Tel: +81-172-39-5985 jyamada@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Role of GABAA receptor-mediated signaling in physiology and pathology</li> <li>• Development of new diagnostic methods and treatments for neurological diseases</li> <li>• Mechanisms underlying synaptic transmission in epilepsy and other neurological disorders</li> <li>• Effect of radiation exposure on the brain</li> <li>• Sex differences in the brain</li> </ul>
Atsushi Oda, Professor Tel: +81-172-39-5979 atusioda@hirosaki-u.ac.jp	<ul style="list-style-type: none"> <li>• Relationship between foot function and athletic capability</li> <li>• Practical research of insole therapy for foot and lower extremity impairments</li> <li>• Physical evaluation and therapy for dysfunctions resulting from sports injuries</li> <li>• Clinical research of kinetic chain in posture change</li> </ul>

<p>Kazumaru Wada, Professor  Tel: +81-172-39-5986  kw@hirosaki-u.ac.jp</p>	<ul style="list-style-type: none"> <li>• Effects of occupational therapy on patients with schizophrenia</li> <li>• Clinical outcome and social prognosis of patients with epilepsy</li> </ul>
<p>Akiyoshi Takami,  Associate Professor  Tel: +81-172-39-5976  a-takami@hirosaki-u.ac.jp</p>	<ul style="list-style-type: none"> <li>• Gait assessment research on stroke and research on gait therapy of stroke</li> <li>• Research on risk management of stroke</li> <li>• Research on stroke assessment scale</li> <li>• Research on the general clinical assessment scale</li> </ul>
<p>Eiki Tsushima,  Associate Professor  Tel: +81-172-39-5980  pteiki@hirosaki-u.ac.jp</p>	<ul style="list-style-type: none"> <li>• Motion analysis of patients with musculoskeletal disorders</li> <li>• Electromyography analysis of motion</li> <li>• Epidemiology and biostatistics for physical therapy research</li> </ul>
<p>Hideki Yoshida,  Associate Professor  Tel: +81-172-39-5975  ptyoshi@hirosaki-u.ac.jp</p>	<ul style="list-style-type: none"> <li>• Use of physiological and kinesiological indicators to provide evidence for the effectiveness of electrophysical and isothermal agents (EPAs) and therapeutic exercise</li> <li>• Effectiveness of combined or simultaneous use of EPAs and therapeutic exercise</li> <li>• Application of EPAs to psychosomatic health promotion</li> <li>• Physical therapy (evaluation and treatment) for the elderly and patients with central nervous system disorders such as stroke</li> </ul>