

Self-assessment report

1. Mechanism for implementation of the JD Program

1-1. Joint implementation structure

1-1-1. Joint committees

[Evaluation indicator]

Appropriate committees for discussing important matters of educational activities and examining curricula and educational methods are organized and active.

[Plan]

Tokyo Medical and Dental University (hereafter referred to as “TMDU”) and University of Chile (hereafter referred to as “UCh”) will jointly establish committees to discuss important matters of education and research and to examine curricula and educational methods.

The committees are:

(1) Dean Council

The Dean Council calls meetings at least once a year to deliberate important matters of education and research.

(2) Academic Committee

The Academic Committee examines credit recognition for each subject. Entrance examinations, curriculum development, regular examinations and reporting assignment are also managed by this committee.

(3) Qualifying Examination Committee

The Qualifying Examination Committee examines students in the qualifying examination and thesis/dissertation proposal examination at the end of the second year.

(4) Thesis Examination Committee

The Thesis Examination Committee conducts thesis examinations.

(5) External Assessment Committee

The External Assessment Committee conducts external assessment.

[Current situation]

Two committees, the Dean Council and Academic Committee, are organized and active. TMDU and UCh have decided to organize the Qualifying Examination Committee, Thesis Examination Committee and External Assessment Committee, and their committee members will be elected when these committees are organized.

Reference 1: Members lists

Reference 2: Conference agenda

1-1-2. Communication method

[Evaluation indicator]

Appropriate communication method is established.

[Plan]

- The Latin American Collaborative Research Center (hereafter referred to as "LACRC") in Chile is to be established by TMDU in Clinica las Condes (CLC), an affiliated hospital of the Faculty of Medicine at UCh, and the video conferencing system at TMDU will be utilized for communication with each other.
- One faculty member will be assigned as a coordinator for better cooperation between TMDU and UCh.

[Current situation]

To communicate between UCh and TMDU, two facilities are being utilized. Firstly, the video conferencing systems installed at TMDU and CLC have been used not only for meetings called by the 2 above-mentioned committees, but also for joint entrance examination interviews. There have been no connection problems with the video conferencing systems so far.

Secondly, the video conferencing system at LACRC in Chile was used for entrance examination preparations and sending answer sheets to TMDU in 2016. Furthermore, the JDP coordinator has used the room for his paperwork.

For better cooperation between TMDU and UCh, a TMDU assistant professor was dispatched as a TMDU-UCh coordinator, he worked at LACRC getting help from Japanese and Chilean staff fluent in Japanese, English and Spanish. This has made it possible to operate the program smoothly and efficiently in various situations.

[Evaluation of 1-1. Joint implementation structure]

IV	Achievement greater than plan.	
III	Plan was achieved.	X
II	Plan was not achieved sufficiently.	
I	Plan was not achieved.	

➤ Evaluation of current situation

(UCh)

UCh and TMDU's Academic Committee has been very active and highly engaged in the Program through regular monthly meetings. The Dean Council will meet in March. Communications between TMDU and UCh have been efficient and smooth despite the 12-hour time difference. A monthly video conference has been organized on a strictly regular basis, with all necessary documents provided, including a table of topics to be discussed at the meeting, minutes of the past meeting subject to review and approval. The presence of an interpreter allows meetings and communications between technical staff from both institutions to go smoothly.

(TMDU)

The plan has been sufficiently implemented and the system is in place. Two committees are organized: the Dean Council and the Academic Committee.

The video conferencing system is used for making contact and holding meetings between the two universities, with the Academic Committee convening meetings once a month as a rule. It is also used for the joint interviews that are part of the entrance examination.

For the 2016 entrance examination, LACRC was used as the examination facility and sent out answer sheets after the examination. In addition, the coordinating faculty members reported that it was used effectively in their work.

The coordinating faculty members, who coordinate tasks with the University of Chile are assistant professors at TMDU and receive the assistance

of a Japanese and Chilean administrative staff members proficient in Japanese, English, and Spanish. This has made program management smoother with regard to student reception, conducting entrance examinations and all other aspects.

➤ **Proposals for improvement**

(UCh)

The joint implementation of the Program has been in our opinion outstanding. We cannot find any specific areas for improvement.

(TMDU)

The members of the Qualifying Examination Committee, Thesis Examination Committee and External Assessment Committee are under consideration but have yet to be elected, so it is urgent that provisions are made.

There are potential obstacles to maintaining contact, such as the 12-hour time difference between Chile and Japan, which makes it difficult to decide on a good time for meetings. However, we have conducted the Program smoothly, using email, the video conferencing system and Skype.

1-2. Policies

1-2-1. Diploma Policy

[Evaluation indicator]

Diploma Policy is set and published based on the educational objectives, and completion of the program is approved in a fair and strict manner.

[Plan]

According to the following Human Resources Development Goals of the Program, TMDU and UCh will make a diploma policy and confer the degree of Doctor of Philosophy on students.

【Human Resources Development Goals】

This program aims to foster high-level professionals and leaders with high-level professional experience and skills in clinical medicine, who are well versed in medical research and all have a global perspective.

[Current situation]

TMDU and UCh established the following Diploma Policy based on the Human Resources Development Goals of this Program with mutual consent.

【Diploma Policy】

The Program confers the degree of Doctor of Philosophy on students who attain the required credits, pass the dissertation defense and final examinations and can do all of the following.

- 1) Practice highly advanced medical surgery using the latest medical diagnostic equipment and therapeutic instruments in gastrointestinal surgery.
- 2) Acquire cutting-edge medical techniques using upper gastrointestinal endoscopy and be able to practice advanced internal medicine.
- 3) Acquire the experience and skills necessary to lead medical teams in clinical practice.
- 4) Conduct research activities, which are backed up by academic knowledge, to obtain superior results from one's research and disseminate it through publication.
- 5) Have an expert grasp, through international research experience, of current conditions in the research environment and the associated research methods, and a grasp of related research problems, so that one is able to display the leadership and management capabilities needed for the research process.
- 6) Unify research results independently and disseminate them internationally by acquiring skills for future planning through debate, summarizing, conference presentation, and thesis examination.
- 7) Obtain a certificate in a medical specialty in Chile, for Chilean students who have a medical license in their country.

TMDU and UCh faculty members have explained the Diploma Policy to new students in their universities' guidance. The policy may also be viewed on the TMDU website. There is no experience of completion of this program since it is a 5-year program that began in 2016.

1-2-2. Curriculum Policy

[Evaluation indicator]

- Curriculum Policy is clearly indicated and published based on the educational objectives.
- Academic curricula are organized and implemented based on Curriculum Policy.

[Plan]

TMDU and UCh will draw up a Curriculum Policy and put together a curriculum for acquiring the essential knowledge, skills, experience and leadership needed for the degree and to become highly specialized medical professionals.

[Current situation]

TMDU and UCh have drawn up the following Curriculum Policy by mutual consent.

【Curriculum Policy】

- (1) Establish general, basic and advanced subjects as a scientific foundation of medicine to foster professionals with high ability to carry out research, in-depth specialized knowledge, thinking skills and standards of ethics required by researchers, who can make a global contribution. “Initial Research Training” is a compulsory subject for learning what is necessary for starting research, and the other subjects to be taken by students will be determined by the Academic Committee in consideration of orientation toward a specific area of educational experience as well as clinical training, scientific interest and admission examination results.
- (2) Establish supervisor-guided “Research Subjects” in each specialized field in Japan and Chile as compulsory subjects to enable students to determine new problems regarding various phenomena targeted by research by themselves, conduct scientific analysis on these problems, propose solutions based on scientific data and implement them, and evaluate the results. Two research subjects will be provided, one regarding basic medicine and the other clinical research.
- (3) Establish “Seminar” in the presentation style as a compulsory subject to

enable students to acquire the ability to help each other improve their abilities by discovering problems, acquiring problem solving ability as well as that to evaluate each other. Another aim is to foster persons who have various leadership abilities, who are capable of dealing with problems appropriately and promptly as team leaders not only in research but also in educational activities.

- (4) Establish the 3 subjects of “Upper Digestive Tract Surgery”, “Colorectal Surgery” and “Gastroenterology” so that students can acquire the essential knowledge, skills, experience and leadership required of highly specialized medical professionals. These subjects will have basic and advanced contents, and also include clinical training, and will be established in TMDU and UCh separately.
- (5) Establish “Thesis” as compulsory subject for the provision of special guidance by TMDU and UCh faculty members in writing dissertations. Dissertations should be prepared in the thesis format, which has high international applicability.

Academic curricula are organized and implemented based on the Curriculum Policy. The following table shows the list of subjects reflecting each item of the policy.

The Curriculum Policy may be viewed on the TMDU website

(Table 2)

Field		Subject	Credits (TMDU)	Credits (UCh)
Scientific Foundation of Medicine	(1) General subjects	•Cancer Genome and Bioinformatic Engineering	3	5
		•Discussion in English on Scientific papers	4	5
		•Biostatistics	2	4
		•Ethics in Biomedical research	3	5
		•Initial Research Training	1	1
	(2) Basic subjects	•Physiology and Cell Biology	5	7
		•Cellular and Molecular Biology of Cancer	4	6
		•System Physiology	4	7
		•Introduction to Immunology	4	8
		•Basic Pharmacology	3	6
		•Molecular Microbiology	4	6
		•Clinical Research Methods (Basic)	8	4
		•Bioinformatics	2	3
		•Introduction to Gastrointestinal Surgery Research	4	6
		•Introduction to Specialized Surgeries Research	4	6
	(3) Advanced subjects	•Advanced Cell and Molecular Biology	3	4
		•Organ Specific Physiology and Pathology	4	7
		•Cellular and Molecular Immunology	3	7
		•Genetic Medicine	4	7
		•Human Biochemistry	5	7
		•Cell Signaling in Biomedicine	3	4
		•Molecular Biology Applied to Diagnosis and Clinical Research	3	4
		•Epidemiology	2	6
		•Biofunctional Molecular Science	2	3

Period for evaluation: from April 2016 to March 2017

		•Overview of Public Health Medicine in Disease Prevention	2	3
		•Special Lectures on Clinical Oncology Research	4	6
(4) Research		•Basic Research	15	15
		•Clinical Research	15	15
(5) Seminar		•Seminar	4	4
(6) Clinical Training	Upper Digestive Tract Surgery	•Basic Clinical Training in Upper Digestive Surgery at UCh		
		•Advanced Clinical Training in Upper Digestive Surgery at UCh		
		•Basic Clinical Training in Upper Digestive Surgery at TMDU	20	30
	Colorectal Surgery	•Advanced Clinical Training in Upper Digestive Surgery at TMDU	35	52
		•Advanced Clinical Training in Upper Digestive Surgery II at TMDU	8	12
		•Basic Coloproctological Clinical Training at UCh		
	Gastroenterology	•Advanced Coloproctological Clinical Training at UCh		
		•Basic Coloproctological Clinical Training at TMDU	20	30
		•Advanced Coloproctological Clinical Training at TMDU	35	52
		•Advanced Coloproctological Clinical Training II at TMDU	8	12
		•Basic Gastroenterology Clinical Training at UCh		
		•Advanced Gastroenterology Clinical Training at UCh		
		•Basic Gastroenterology Clinical Training at TMDU	20	30
		•Advanced Gastroenterology Clinical Training at TMDU	35	52

		• Advanced Gastroenterology Clinical Training II at TMDU	8	12
(7) Thesis		• Thesis at UCh • Thesis at TMDU	56 56	85 85

1-2-3. Admissions Policy

[Evaluation indicator]

Clear Admissions Policy is established and entrance examination is conducted in accordance with it.

[Plan]

In accordance with the Human Resources Development Goals of the Program (Refer to the item, 1-2-1), TMDU and UCh will draw up an Admissions Policy and conduct entrance examinations in accordance with it.

[Current situation]

TMDU and UCh have drawn up the following Admissions Policy by mutual consent.

【Admissions Policy】

This Program offers upper gastrointestinal surgery, colorectal surgery and gastroenterology courses. It aims to foster highly skilled experts who possess a wealth of experience in clinical practice, and are also leaders who are well versed in medical research and have a profound knowledge and global perspective. Qualified applicants who meet any of the following criteria are therefore highly encouraged to apply for our program.

- 1) Eager to acquire the required technical skills to be recognized as a clinical expert in the area of upper gastrointestinal surgery, which includes advanced training in gastrointestinal surgery and digestive diseases using endoscopy and advanced diagnostic equipment, colorectal surgery, and gastroenterology.
- 2) Eager to gain academic knowledge in the areas of pathology, molecular biology, genetics, epidemiology, community hygiene, clinical research and biostatistics.
- 3) Eager to possess expertise in basic research and clinical research that can be applied in the areas of esophageal cancer, stomach cancer and colorectal cancer,

as well as capability to be a leader in national/international clinical research projects.

The policy and details of the entrance examination are clearly explained in the Student Application Guide as well as on the TMDU and UCh websites.

Entrance examination subjects have been set to meet the requirements of the Admissions Policy. They consist of an English examination, essay examination (Japanese or Spanish), interview conducted by each university (Japanese or Spanish) and a joint interview (English). The 2016 entrance examination was conducted in January in accordance with the Admissions Policy, and one candidate passed.

[Evaluation of 1-2. Policies]

IV	Achievement greater than plan.	
III	Plan was achieved.	X
II	Plan was not achieved sufficiently.	
I	Plan was not achieved.	

➤ Evaluation of current situation (UCh)

In accordance with the Diploma Policy, the Program confers a Joint Certificate, co-signed by the rectors of TMDU and UCh. This is now possible thanks to the JDP initiative, UCh amended its former certification regulations to allow a single diploma signed by the co-signatories to be conferred (Attached Reference 3: University degree regulations). Information on the Curriculum and Admissions Policies for the Doctoral Program in Medical Sciences of the Faculty of Medicine at UCh, which oversees the JDP Program in Chile, is readily available on the website of Postgraduate School, Faculty of Medicine, University of Chile. Special mention is made of the JDP with TMDU as well as the respective medical specialties and the additional requirement of English ability. The overall study plan and provision of courses required to complete credits are described on the university's website (www.med.uchile.cl). Interested students are invited to talk with postgraduate staff in order to obtain further details of the specificity of the JDP, including co-tutoring on thesis writing by UCh and TMDU professors, clinical rotations related to the specific specialties associated with the JDP, rotation period at TMDU in Japan, financing options, and certification.

The first student entered the JDP in April 2016 for study of the subspecialty of Coloproctology, after being passed in the admission examination by TMDU and UCh professors, via videoconferencing from CLC. Courses for his first year were determined together with his academic tutor, and he was duly registered for them. He completed his first year successfully.

(TMDU)

The Diploma Policy for this program was agreed on by both universities on the basis of the goals for fostering talented individuals. The policy aims to train leaders who are highly specialized professionals with great experience and clinical expertise, possess a detailed knowledge of medical research, and are capable of viewing medicine and research from a global perspective. This is explained to new students in the guidance given by faculty members of TMDU and UCh. The Diploma Policy is also available on their websites. It is very transparent.

The 5-year program has been put together on the basis of a Curriculum Policy that aims to develop the knowledge, abilities, skills, etc. that fulfill the requirements stated in the Diploma Policy. This information is also available on the websites.

Information on student entrance requirements and the entrance examination is available on the websites and it is equally accessible by all applicants. The entrance examination has been designed to select talented individuals in accordance with the Admissions Policy. It includes a test of English ability, an essay (Japanese or Spanish), interviews by each university (Japanese or Spanish), and a joint interview by the TMDU and UCh (English), and is designed to give equal opportunity to applicants at both universities, which is commendable. An entrance examination was held in January 2015 in accordance with the Admissions Policy, yielding one successful applicant. It was deemed to have been carried out properly.

➤ **Proposals for improvement**

(UCh)

A more complete description of the JDP (currently it is partially described on the website of the Postgraduate School) would likely help interested students to gain a better idea of the Program, before individual interviews. A specific website for the JDP is being prepared and preparations are also being made for publication of the JDP in national newspapers and presentations to medical

students for the next academic year.

(TMDU)

There is nothing to improve, but we will need to consider a way of determining whether the entrance examination and curriculum are conducted according to the policies.

1-3. Quality Assurance System

1-3-1. Self-assessment

[Evaluation indicator]

Self-assessment is implemented and the results are published and reflected in educational and research activities.

[Plan]

TMDU and UCh will evaluate the educational and research activities of the Program, and write a self-assessment report each fiscal year.

[Current situation]

Self-assessment of this program will be implemented in March, 2018 by the Academic Committee. TMDU and UCh will write a self-assessment report based on the same evaluation categories, and provide evaluation on the current situation and proposals for improvement.

The evaluation period is from April, 2016 (when the first students started their course) to March, 2017.

The self-assessment reports will be published on both universities' websites. TMDU and UCh will discuss improvement of educational and research activities based on the reports at the academic meeting held in March, 2018.

1-3-2. External assessment

[Evaluation indicator]

External assessment is implemented and the results are published and reflected in the educational and research activities.

[Plan]

TMDU and UCh will undergo external evaluation by the External Assessment Committee based on the self-assessment report. External evaluators will consist of outsourcing veterans and professors from other universities in

Japan and Chile, which have doctoral programs in the medical or life science field, and experience of granting doctoral degrees.

[Current situation]

After writing a self-assessment report and making a self-assessment, TMDU and UCh are to undergo external assessment in March, 2018. The results of the external assessment will be fed back to faculty members of both universities. TMDU and UCh will consider improvement of educational and research activities on the basis of the results and comments received.

1-3-3. Feedback of assessment results

[Evaluation indicator]

- Opinions of university members (students and faculty members) are heard and utilized properly in concrete, sustainable improvement of educational quality.
- Opinions of external parties are utilized properly for concrete, sustainable improvement of educational quality.
- Faculty Development is properly managed, and leads to improvement of educational quality and coursework.

[Plan]

In this Program, we will ask students to complete questionnaires on the subjects. Also, supervisors will hear students' opinions via the video conferencing system. The results and opinions will be fed back to faculty members, and utilized for improvement of educational quality. They will also be reflected in curricula, the method of supervision and entrance examination.

With a view to developing faculty members' teaching skills, we plan to conduct a faculty development workshop to share relevant information such as on curriculum planning and making teaching materials.

[Current situation]

TMDU administered a questionnaire to the students on the program and subjects which they took in the first academic year. The supervisors of these subjects were also asked to complete the questionnaire. The results were shared and examined at a meeting called by the Academic Committee, and it was found

that students were satisfied. Also, opinions from persons in other institutes are to be utilized after the external assessment. Furthermore, we conducted a faculty development workshop consisting of lectures and discussion on higher education and a medical specialty system providing better education. We shared information on improvement of the teaching skills of faculty members as well as of classes, and found that there were no great problems. The faculty development workshop will be filmed and the video and handouts will be distributed to absentees.

Reference 4: Questionnaire

1-3-4. Information publication

[Evaluation indicator]

Information such as that on educational activities (including the items defined by paragraph 2, Article 172 of the Enforcement Regulations of the School Education Law, MEXT) are publicized.

[Plan]

There is a public relations section at TMDU, which plans publicity, and issues an overview of TMDU and a PR brochure. They will provide information on the industry-academia-government collaborations, educational and research activities and social contribution activities of TMDU. UCh will also be proactive in providing information.

[Current situation]

Through cooperation between TMDU and UCh, information on educational and research activities are available on both universities' websites. The JDP team manages the JDP website which provides information on the educational and research activities listed in *3 below.

Also, newsletters have been published regularly to let the public know about the current situation of the operation of the JD Program. TMDU and UCh have been considering other methods of publicity such as providing guidance on admission to the graduate school.

Reference 5: Website

(*3)

Period for evaluation: from April 2016 to March 2017

<Information on educational and research activities provided on JDP website>

- Educational objectives of the university
- Basic organization for education and research
- Faculty member information
- Number of admissions, admission quota, number of students enrolled
- Details of subjects, teaching method, curriculum
- Facilities, research environment
- Tuition fees, admission fees

[Evaluation of 1-3. Quality assurance system]

IV	Achievement greater than plan.	
III	Plan was achieved.	X
II	Plan was not achieved sufficiently.	
I	Plan was not achieved.	

➤ **Evaluation of current situation**

(UCh)

During the first year, we have focused on implementing the Program and recruiting the first students. Several important issues have been tackled and there is room for improvement, especially regarding websites. We will focus efforts on assessment of the JDP after the second year as we will have at least 3, or possibly 5, active students from both Chile and Japan. The faculty workshop held at TMDU was very useful for sharing on developments in Japanese and Chilean postgraduate research and their potential impact on the JDP.

(TMDU)

TMDU administered questionnaires to the students concerning the program and subjects which they took in the first academic year. Also, supervisors heard students' opinions via the video conferencing system. The results were shared and examined by members of the Academic Committee, and it was found that students were satisfied.

Furthermore, we conducted a faculty development workshop consisting of lectures and discussion on higher education and a medical specialty system providing better education. In the discussion, ideas were shared on improving the teaching skills of faculty members and classes, and it was found that there were

no great problems.

Through cooperation between TMDU and UCh, information on educational and research activities is available on both universities' websites. In addition, newsletters have been published regularly to allow the public to know the current situation of operation of the JD program.

The plan was well achieved.

➤ **Proposals for improvement**

(UCh)

Internal and external assessments will be developed as planned. Improvements to the website at UCh will be made during years 2-3 of the JDP.

(TMDU)

TMDU and UCh will discuss improvement of educational and research activities at the Academic meeting held in March, 2018 at TMDU, after external evaluation by the External Assessment Committee based on the self-assessment reports. Also, details of the future operation of the JD Program will be revealed to the public through a newsletter published by LACRC.

TMDU and UCh should consider other methods of publicity such as those using admission guidance for the graduate school.

Reference 6: Newsletter

2. Operation of the JD Program

2-1. Progress of the JD Program operation

[Evaluation indicator]

Program operation is properly conducted as planned.

[Plan]

TMDU and UCh will jointly conduct entrance examinations. After successful applicants have matriculated for the program, both universities will give the students appropriate guidance, confirm the completion of course registration and assign research supervisors to students. At the end of each

semester, credits for subjects will be recognized upon approval by the Academic Committee. By the end of the 2nd academic year, students will take the qualifying examination, and they will receive advice on their research projects from their supervisors.

[Current situation]

Entrance examinations were jointly conducted and one student matriculated for the program in 2016. University faculty members of both TMDU and UCh provided guidance. UCh professors explained the procedures for course registration and Diploma Policy to students.

Three supervisors, one each from TMDU, UCh and CLC, were assigned to the students, and they gave advice and supervision regarding the subjects taken by students and research plan utilizing e-mail and the video conferencing system. TMDU has sent a DVD on initial research training to Chile and the class on this was conducted using the DVD and video conferencing system. Students took subjects at UCh during their 1st year and have completed the required subjects.

[Evaluation of 2-1. Progress of the JD Program operation]

IV	Achievement greater than plan.	
III	Plan was achieved.	X
II	Plan was not achieved sufficiently.	
I	Plan was not achieved.	

➤ **Evaluation of current situation**

(UCh)

During the first year, we have focused on implementing the program and recruiting the first students. Several important issues have been tackled and there is room for improvement, especially with regard to the website. We will focus efforts on assessment of the JDP during the second and third years as we will have at least 3, and possibly 5, active students from Chile and Japan. The faculty workshop held at TMDU in the last two years was very useful for sharing on developments in Japanese and Chilean postgraduate research and their potential impact on the JDP.

(TMDU)

Students are advised to register for appropriate subjects, and a research plan is made based on these subjects. Students have received supervision from their supervisors frequently via email and the video conferencing system. When professors from TMDU visited UCh, students reported on their research progress. It was fulfilling for students to receive supervision from both universities' professors and exchange opinions with them.

➤ **Proposals for improvement**

(UCh)

There is nothing to improve.

(TMDU)

As communication methods, email and the video conferencing system are adequate. However, for better communication, TMDU and UCh should visit each other for face-to-face communication more often.

2-2. Fulfillment of student capacity

[Evaluation indicator]

- Admissions policy, Curriculum policy and Diploma policy are properly publicized and disseminated.
- Number of admissions versus admissions quota is appropriate

[Plan]

- Information such as on awarded degree, requirements for completion, curriculum, academic calendar, fees, hours per credit, scholarships and student welfare and student support will be given in the admission guide and on websites.
- The admission quota for this program is three, and it is expected that 1~2 Japanese and Chilean candidates will apply.

[Current situation]

Both universities publicize important information, such as on Admissions Policy, Curriculum Policy and Diploma Policy, on their websites. All of the necessary information below is available in the application guide and on the websites (Reference 4).

Period for evaluation: from April 2016 to March 2017

- Awarded diploma
- Completion requirements
- Educational content and teaching methods
- Academic calendar
- Tuition fees
- Student support (scholarships)

Only one person applied and was enrolled (Table 4). Thus the number of enrollments was insufficient based on the admission quota.

(Table 4)

	2016
Admissions quota	3
Number of applicants	1
Number of enrollments	1

[Evaluation of 2-2. Fulfillment of student enrollment capacity]

IV	Achievement greater than plan.	
III	Plan was achieved.	
II	Plan was not achieved sufficiently.	X
I	Plan was not achieved.	

➤ **Evaluation of current situation**

(UCh)

One student entered the program during the first year while we expected two. On one hand this was positive because being a completely new initiative for both institutions, it allowed us to establish all procedures in a more controlled manner. The first student can be considered a talented student. We expect to increase recruitment in year two, to at least 3 students.

(TMDU)

Since April 2016, JDP has had one graduate student from UCh who has already been taking classes in Chile.

Although enrollment was not to capacity, it is the first experience of this kind of program for both institutions, and it is also an uncommon program in Japan. Some adjustment of the system at JDP is still required, and we should be

able to acquire the minimum number of the students in such a developing situation.

➤ **Proposals for improvement**
(UCh)

Focus efforts on increasing recruitment of young, talented, motivated doctors, who are specialists in surgery or internal medicine, for one of the three subspecialties of the program. We will work on refining the clinical curricula for gastroenterology and upper digestive surgery in order to begin recruitment for these subspecialties in 2017. We will increase the visibility of the JDP through personal contact of program professors with physicians receiving training in the surgery and internal medicine specialty programs. We will place at least one specific advertisement for inviting applications in a high circulation newspaper.

(TMDU)

Although both the TMDU and the UCh have been engaged in promotional activities, through measures such as providing student support, the enrollment of students has not reached the planned number. TMDU and UCh have been conducting the promotional activities using websites, posters and announcements at medical congresses. However, awareness of the program is still not sufficient for gaining enough applicants, especially from outside of our 2 universities. Originally the established courses in the Program were limited to those on gastrointestinal diseases, and the targeted students were limited to those in related specialties. It is necessary to extend promotion and target doctors from other universities or facilities as well.

Furthermore, there was a case in which an applicant was not suitable for the Program because the conditions of enrollment restricted applications to those from persons qualified as specialists. If possible, the conditions should be changed to more feasible ones, for example, expanding the target to include persons who are expected to complete the certification for a medical specialty

2-3. Syllabuses

[Evaluation indicator]

Appropriate syllabuses are prepared and operated.

[Plan]

Syllabuses, which include important information such as assessment standards, will be publicized on websites. They will be written in both Japanese and English.

[Current situation]

The syllabus of TMDU is written in Japanese and English, and UCh's syllabus is written in Spanish and English. Both universities' syllabuses include details of the Diploma Policy, Curriculum Policy and Admission Policy and are available on the respective websites.

[Evaluation of 2-3. Syllabuses]

IV	Achievement greater than plan.	
III	Plan was achieved.	
II	Plan was not achieved sufficiently.	X
I	Plan was not achieved.	

➤ Evaluation of current situation

(UCh)

The website of Postgraduate School, Faculty of Medicine, UCh contains basic information regarding the Doctoral Program in Medical Sciences with specific mention of the JDP, although the information is not very detailed.

(TMDU)

Appropriate plans for the classes in the Program (syllabus) have been made in Japanese and English, and are shown on the websites. However, performance evaluation criteria are not available on them. One would expect the original concepts of the syllabuses or evaluation criteria to differ with the university or country, and that there would be inconsistencies, so there has been frequent contact via video conferences. In addition, it has been taking more time

than expected for the respective administrative procedures.

➤ **Proposals for improvement**

(UCh)

A specific website for the JDP will be developed and the details of the Program (syllabus) will be given on the website of the Faculty of Medicine.

(TMDU)

In an international collaboration, it takes much time to translate from one language to another in the process of obtaining the mutual agreement of both parties. It is commendable that direct discussions via the video conferencing system have been periodically conducted. However, it is essential to publicize the content of the Program, including the evaluation criteria, using websites and other means. While mutual understanding has been getting better following a long period of preparation, urgent action is required to allow the international program to be known better in the world.

2-4. Evaluation method and criteria

(Grading, Recognizing credits and Completion of course)

[Evaluation indicator]

Evaluation methods and criteria (grading, recognition of credits, and completion of course) for each subject are established, applied properly in a fair manner, and disclosed to students.

[Plan]

- Credit recognition will be examined and approved upon deliberation by both universities' faculty members in the Academic Committee.

The performance of each student in courses at TMDU will be graded on a 5-point scale, as follows, to enable each student's level of achievement to be visualized.

Superior=4, Excellent=3, Good=2, Fair=1, which means pass,
Fail=0.

This is based on paragraph 19 of the TMDU Graduate School Regulations.

The performance of each student in courses at UCh will be graded on a 6-point scale, as follows, to enable each student's level of achievement to be visualized.

Period for evaluation: from April 2016 to March 2017

7.0-6.5, 6.4-6.0, 5.9-5.0, 4.9-4.0, 3.9-3.0, 2.9-1.0,

A grade of 4.0 or over will be deemed as a passing grade.

In English, the grades are expressed as: 7.0-6.5=Outstanding, 6.4-6.0=Very Good, 5.9-5.0=Good, 4.9-4.0= Fail, and 2.9-1.0= Poor.

- Both universities will record students' performances after converting their grades using the conversion table
- Standards for the grades of each university will be written in syllabuses, and also posted on the universities' websites.

[Current situation]

Grades for each subject are assigned by the university which established the subject, and are approved by the Academic Committee jointly operated by TMDU and UCh. For the academic records at TMDU and UCh a grade conversion table (Table 5) has been made, to convert the respective evaluations for subjects. The evaluation standards and evaluation method are to be explained on the websites.

(Table 5)

TMDU		UCh	
GP	Grade	Score	Grade
4	S (Superior)	7.0-6.5	Outstanding
3	A (Excellent)	6.4-6.0	Very Good
2	B (Good)	5.9-5.0	Good
1	C (Fair)	4.9-4.0	Fair
0	D (Fail)	3.9-3.0	Fail
		2.9-1.0	Poor

[Evaluation of 2-4. Evaluation method and criteria (Grading, Recognizing credits and Completion of the course)]

IV	Achievement greater than plan.	
III	Plan was achieved.	
II	Plan was not achieved sufficiently.	X
I	Plan was not achieved.	

➤ **Evaluation of current situation**

(UCh)

The current student has received his grades and credits according to the rules of both universities. Also, the completion of the courses by the student is satisfactory.

(TMDU)

The assessment of grades for each subject in this program is conducted by the university in charge of it and is subject to the approval of the Academic Committee jointly operated by the TDMU and the UCh. The assessment standards are clear and assessment appears to be carried out objectively.

➤ **Proposals for improvement**

(UCh)

The evaluation method and criteria are in line with the rules of the UCh. So there is nothing to improve.

(TMDU)

It is planned to make the grade conversion standards and method available to students on the website. This is a task that needs to be carried out urgently because information needs to be available publicly.

3. Student Support

3-1. Student support system

3-1-1. Accommodation

[Evaluation indicator]

Appropriate housing support for students is ensured.

[Plan]

TMDU will provide dormitories for the accommodation of students. In Chile students will find accommodation with the help of staff at LACRC.

[Current situation]

TMDU is making preparations to provide rooms at TMDU Ichikawa Dormitory for students when they conduct research in Japan.

3-1-2. Research environment

[Evaluation indicator]

Educational environment that will provide education according to instruction goals is in place.

[Plan]

- One supervisor from TMDU, UCh and CLC will be assigned for each student before starting courses so that the student can receive research guidance from both universities.
- Both universities will make their facilities available - such as those at the Yushima campus of TMDU and campus of UCh's Faculty of Medicine. Thus, the necessary environment for graduate education and research for JDP will be put in place so that a multifaceted approach to student education and research is possible

[Current situation]

Students' research work has gone smoothly by assigning one supervisor from each of the three institutions per student. TMDU supervisors regularly contact students to obtain information and comment on students' work progress via e-mails or video conferences.

3-1-3. financial support

[Evaluation indicator]

Ensure adequate financial support for students

[Plan]

- Examination fees, admission fees and tuition fees will be waived for all JD Program students.
- To financially support students who matriculated at TMDU, TMDU plans to award scholarships from the TMDU fund to students who have achieved outstanding research performance.
- For those who matriculated at UCh, CONICYT or CLC, the funding agencies of UCh, plan to provide financial support to students.

[Current situation]

Examination fees, Admission fees and tuition fees have been waived for students who matriculated for this program.

For students who matriculated at UCh, TMDU applied and successfully obtained CLC research scholarships (8,000 USD). TMDU continues to search for more opportunities for financial support, such as through private scholarships or the Student Exchange Support Program (Scholarships for Short-term Study in Japan).

[Evaluation of 3-1. Student support system]

IV	Achievement greater than plan.	
III	Plan was achieved.	X
II	Plan was not achieved sufficiently.	
I	Plan was not achieved.	

➤ **Evaluation of current situation**

(UCh)

The first student is making good progress in the Program. Supervisors were assigned and have been in constant close contact with the student. All fees have been waived by the Faculty of Medicine. The student has obtained financial support from CLC by a method agreeable to him. Resources have been set aside for his stay in Japan during the development of his thesis and funding from CLC for his research project has been secured.

(TMDU)

TMDU is still making preparations to provide accommodation and financial support for the Chilean student. The student's support from TMDU is going smoothly as planned.

➤ **Proposals for improvement**

(UCh)

We will try to obtain partial funding from CLC for the stay of the Japanese student in Chile during the Program.

(TMDU)

Although TMDU's preparations to support the student are going smoothly. It is unclear what the financial situation will be like during the stay of Chilean students in Japan or of Japanese students in Chile. TMDU will solve potential problems in this regard as they occur with the support of UCh and CLC.