

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]

The Dean Council and Academic Committee have been active based on the following rules. TMDU and UCh have organized the Qualifying Examination Committee, and selected its committee members. The detail of thesis examination committee is under construction.

<Past committees meetings>

(1) Dean Council

Same as last year, TMDU and UCh conducted the Dean Council meeting on March 28, 2019. In this meeting, TMDU and UCh reviewed the matters discussed and settled during April 2017 to March 2018, and approved the self-assessment result. Also, TMDU and UCh exchanged opinions for improving the program. Next Dean Council will be conducted around March 2020.

(2) Academic Committee

TMDU and CU have been conducted the Committee meeting once a month, regularly.

(Table 1)

Date	
April 24, 2018	1st meeting
May 22, 2018	2nd meeting
June 28, 2018	3rd meeting
July 24, 2018	4th meeting
September 6, 2018	5th meeting
October 11, 2018	6th meeting
October 29, 2018	7th meeting
December 12, 2018	8th meeting
January 31, 2019	9th meeting
March 26, 2019	10th meeting

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]

Same as last year, 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 evaluation sheets to TMDU.

The TMDU-UCh coordinator has supported program management and the students 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]

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.	X	X	X
II	Plan was not achieved sufficiently.			
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

The Joint implementation structure advanced smoothly from April 2018 to March 2019. The monthly joint teleconferences have progressed without interruptions. The committees have been structures according to the needs of the program. For 2018, a joint examination committee was developed to evaluate entrance of the candidate Tomohiro Odagaki.

(TMDU)

Dean Council and regular monthly Academic Committee meeting under telecommunication were held as scheduled, where discussion was made to evaluate and improve this program.

Same as last year, the video conferencing systems installed at TMDU and CLC have been used for meetings called by the 2 abovementioned committee meetings and expanded its utility to the joint entrance examination interviews this fiscal year without any technical problem. Furthermore, the video conferencing system at LACRC in Chile was used to support the TMDU-UCh communication.

The TMDU-UCh coordinator has continued to support program management and the students at LACRC getting help from Japanese and Chilean staff fluent in Japanese, English, and Spanish. This support had been helpful for the Japanese students who have to pursue their academic goals under foreign circumstances.

➤ Proposals for improvement

(UCh)

The Video Conferencing Center at The Faculty of Medicine, University of Chile, has been used once for the Deans Council meeting. We will plan to expand the use of the Center for future meetings including qualification exams and entry examinations. We will also continue to use the facilities at Clinica las Condes.

(TMDU)

Currently no improvement is under consideration in TMDU, but we continue to monitor the communication efficiency.

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.

Same as last year, TMDU and UCh faculty members have explained the Diploma Policy to new students in their universities' guidance. The policy is also viewed on both universities' websites.

There is no experience of completion of this program since it is a 5-year program that began in 2016. TMDU and UCh has been preparing for degree conferment in March 2020.

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 draw 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 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. According to the modification of UCh regulation, TMDU and UCh offered some subjects additionally.

The Curriculum Policy is viewed on both universities' websites.

(Table 2)

Field		Subject	Credits (TMDU)	Credits (UCh)
Scientific Foundation of Medicine	(1) General subjects	•Cancer Genome and Bioinformatic Engineering	3	5
		•Discussion of Scientific Papers in English	3	5
		•Grammar and Written Communication Skills in Scientific English	4	5
		•Biostatistics	3	4
		•Biostatistics II	3	3
		•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	5	6
		•System Physiology	5	7
		•Introduction to Immunology	4	8
		•Basic Pharmacology	4	6
		•Molecular Microbiology	4	6
		•Clinical Research Methods (Basic)	3	4
		•Biología Celular y Molecular	5	7
		•Bioethics of research	3	3
		•Big Data Analytics	1	1
		•Introduction to Gastrointestinal Surgery Research	4	6
		•Introduction to Specialized Surgeries Research	4	6
		•Integrative Biomedical Sciences for Preemptive Medicine I	1	1

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in Medical Sciences with mention of a medical specialty
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		• Integrative Biomedical Sciences for Preemptive Medicine II	1	1		
	(3) Advanced subjects	• Advanced Cell and Molecular Biology	3	4		
		• Organ Specific Physiology and Pathology	5	7		
		• Cellular and Molecular Immunology	5	7		
		• Genetic Medicine	5	7		
		• Human Biochemistry	5	7		
		• Cell Signaling in Biomedicine	3	4		
		• Molecular Biology Applied to Diagnosis and Clinical Research	3	4		
		• Epidemiology	3	6		
		• Bioinformatics I	2	4		
		• Bioinformatics II	2	3		
		• Biofunctional Molecular Science	2	3		
		• Overview of Public Health Medicine in Disease Prevention	2	3		
		• Special Lectures on Clinical Oncology Research	4	6		
		• Biomedical Science	2	2		
		• Data Science I	1	1		
		(4) Research		• Basic Research	10	15
				• Clinical Research	10	15
(5) Seminar		• Seminar	3	4		
(6) Clinical Training	Upper Digestive Surgery	• Basic Clinical Training in Upper Digestive Surgery at UCh	20			
		• Advanced Clinical Training in Upper Digestive Surgery at UCh	27			
		• Basic Clinical Training in Upper Digestive Surgery at TMDU	20	30		
		• Advanced Clinical Training in Upper Digestive Surgery at TMDU	35	52		
		• Advanced Clinical Training in Upper Digestive Surgery II at TMDU	8	12		

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	Colorectal Surgery	• Basic Coloproctological Clinical Training at UCh	20	30
		• Advanced Coloproctological Clinical Training at UCh	27	
		• Basic Coloproctological Clinical Training at TMDU	20	
		• Advanced Coloproctological Clinical Training at TMDU	35	
		• Advanced Coloproctological Clinical Training II at TMDU	8	
	Gastroenterology	• Basic Gastroenterology Clinical Training at UCh	20	30
		• Advanced Gastroenterology Clinical Training at UCh	27	
		• Basic Gastroenterology Clinical Training at TMDU	20	
		• Advanced Gastroenterology Clinical Training at TMDU	35	
		• Advanced Gastroenterology Clinical Training II at TMDU	8	
(7) Thesis	• Thesis at UCh		40	85
	• Thesis at TMDU		40	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. The entrance examination and curriculum are conducted according to the policies.

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 entrance examination for admission in October 2018 was conducted in September and October in accordance with the Admissions Policy. Two candidate passed, and one candidate entered our program.

[Evaluation of 1-2. Policies]

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.	X	X	X
II	Plan was not achieved sufficiently.			
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

The Diploma, Curriculum and Admission Policies have remained without change during 2018.

(TMDU)

TMDU and UCh faculty members have explained the Diploma Policy to fresh students in their universities' guidance to encourage the entrance to this program.

TMDU and UCh have added some subjects in accordance to the modification of UCh regulation. Both Diploma and Curriculum Policies can be viewed by anyone on both universities' websites.

Both universities discussed how we could encourage student recruitment and decided to modify the admission requirements to accept students during their primary specialty such as internal medicine and general surgery.

➤ Proposals for improvement

(UCh)

UCh and TMDU are discussing to broaden the Curriculum and entrance Policies.

The late age of physicians with specialty title has been seen to be an obstacle for student entry to the program.

In order to promote entrance of younger physicians, the Universities agreed to allow entry to the JDP during the first year of primary specialty training. Thus, young doctors will be able to do research in the areas of gastrointestinal disease to obtain their PhD and clinical practice in order to obtain Medical title of Internal Medicine or General Surgery. This will allow to attract more students at earlier ages. The graduates can then move forward to subspecialty training if desired. This Policy modification has been accepted by both Institutions and should be in place for 2019 entry.

(TMDU)

Because of relaxing the admission requirements, entrance acceleration is expected.

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 was implemented in March, 2019 by the Academic Committee. TMDU and UCh wrote a self-assessment report based on the same evaluation categories, and provided evaluation on the current situation and proposals for improvement. The evaluation period is from April, 2018 to March, 2019.

Same as last year, 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, 2020.

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]

TMDU and UCh underwent external assessment in March, 2018. Next external assessment will be conducted in March 2021.

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]

Same as last year, 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 have been utilized after the external assessment. Furthermore, we conducted a faculty development workshop consisting of lectures and discussion on "Outline of our program" and "the promotion of global health 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 was filmed and the video and handouts was distributed to absentees.

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 in English, Japanese and Spanish (Reference 1 and 2). The JDP team manages the JDP website which provides information on the educational and research activities listed in Table below.

Also, newsletters have been published regularly to let the public know about the current situation of the operation of the JD Program (Reference 3). TMDU made a specific website for the JDP (Reference 4).

Information publication at U Chile: The JDP Program continues to be adequately described in the Web page of the International Affairs

Reference:

<http://rrii.med.uchile.cl/page15.html#msg-box8-98>

Reference 1: TMDU Website (Japanese)

Reference 2: TMDU Website (English)

(Table 3)

<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

Reference 3: Newsletter

Reference 4: Specific website for JDP

[Evaluation of 1-3. Quality assurance system]

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.	X	X	X(UCh)
II	Plan was not achieved sufficiently.			
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

Quality assurance is a continuous process, and Self-assessment reports performed every year have been important. The next external assessment in 2021 should also provide important feedback, and it will allow to evaluate the first graduates of the JDP. At UCh the International Affairs Office works closely with the Postgraduate office to promote the JDP and make the calls for applications.

(TMDU)

Self-assessment of this program is underway by the Academic Committee for its evaluation from April, 2018 to March, 2019, and discussion will be made for the improvement of educational and research activities. The self-assessment reports will be put on both universities' websites.

The questionnaire by TMDU was delivered to the students as well as their supervisors as scheduled. The results were shared and examined in the Academic Committee, and it was found that student evaluation on this program was

generally satisfactory.

A faculty development workshop consisting of lectures and discussion was held. Information was shared on improvement of the teaching skills as well as lesion and efficacy. The workshop was filmed and delivered to absentees.

Information on educational and research activities has been available on both universities' websites in English, Japanese, and Spanish, which is updated regularly. Newsletters also have been published regularly to publicize the ongoing operation of this program.

➤ Proposals for improvement
(UCh)

More can be done on communicating the JDP externally. Interested students from abroad will be contacted. The web page can also be improved to include testimonials of current JDP students.

(TMDU)

Regular and proactive request of feedback from the students should be considered for improving the curriculum.

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]

Same as last year, entrance examinations were jointly conducted and one student matriculated for the program in 2018. University faculty members of both TMDU and UCh provided guidance. TMDU and 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. The student took subjects at TMDU and UCh during his 1st year and has completed the required subjects.

For better communication, UCh professor visited TMDU to conduct the conference and workshop in September, 2018.

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

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.	X	X	X
II	Plan was not achieved sufficiently.			
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

Entrance examinations and student supervisions are being performed appropriately.

(TMDU)

JDP committees of UCh and TMDU have operated the program in a satisfactory and favorable manner. The credits of each student have been checked properly by the committees. Although some minor cases of discordance often occur, such as in qualifying examinations, the problems were dissolved each time carefully. The way of communication is also appropriate, conducting video conference frequently.

➤ Proposals for improvement

(UCh)

No specific proposals need to be implemented at this time

(TMDU)

Two universities have succeeded to share the common understandings in many steps of JDP operation. In a couple years, some of the JDP students have to start the preparation for the completion of their JDP course. As each university has originally different criteria for graduation, JDP committees also need to settle the conditions in detail, to avoid further confusions.

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 Diploma Policy, Curriculum and Policy Admissions Policy, on their websites. All of the necessary information below is available in the application guide and on the websites (Reference 1 and 2).

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

Three persons applied and were enrolled (Table 4). Thus the number of enrollments was insufficient based on the admission quota.

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Term for evaluation: from April 2018 to March 2019

(Table 4)

(1)	April, 2016	April,2017	October, 2017	April,2018
Admissions quota	3	3	3	3
Number of applicants	1	0	2	1
Number of successful applicant	1	0	2	0
Number of enrollments	1	0	2	0

(2)	October, 2018	April,2019
Admissions quota	3	3
Number of applicants	3	0
Number of successful applicant	2	0
Number of enrollments	1	0

TMDU made a specific website for the JDP to improve recognition, and also the admission requirement on the TMDU side was relaxed to recruit possible candidates more widely.

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

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.			
II	Plan was not achieved sufficiently.	X	X	X
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

The main difficulty of the JDP has been meeting the proposed targets for applications. The reasons for this are several:

1) This is a “niche” Program for highly selected candidates: Medical specialists with motivation to advance their career by taking a difficult 5-year Program in order to obtain a doctoral degree and a subspecialty.

There are not many physicians capable of doing this.

2) During the 5 years of the Program, the doctors need to finance their

living. The JDP already places university resources in liberating tuition fees. Financing the living costs of students is much more difficult.

3) Interested foreign students need to pass very difficult examinations in order to be eligible for a medical subspecialty. This limits the possibility of entry of interested foreign physicians. Nevertheless, the JDP has recruited one student from Ecuador.

4) The JDP has now 2 Japanese students that are doing or have done training in Chile. This is an important achievement.

(TMDU)

The program has received 1 or 2 students every year constantly. Although the number of the students has not been full of the annual capacity, it is clear that JPD continues to get attentions from candidates in each country.

The requirements for JDP admission have been finally deregulated. These changes in admission can be significant advances for more applicants to JDP.

➤ Proposals for improvement

(UCh)

The main proposal, as mentioned above, is to broaden the entry to younger physicians, at the time of their primary specialty. We believe that this will allow to identify motivated doctors interested in the fields related with this Program (Gastroenterology, Digestive Surgery, and Coloproctology) who will develop their Thesis in the area codirected by UChile and TMDU professors. The only difference will be the Medical Specialty certification. We have identified young physicians interested in this possibility for 2020.

(TMDU)

Promotive activities of two universities are effective but still insufficient to be known widely outside of the universities. JDP committees should utilize more opportunities for promotion, such as medical congresses or workshops.

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 or English. Both universities' syllabuses include details of the Diploma Policy, Curriculum Policy and Admission Policy and are available on the respective websites. However, performance evaluation criteria still are not available on them. TMDU and UCh will prepare to make a MOA in 2019.

[Evaluation of 2-3. Syllabuses]

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.		X	X
II	Plan was not achieved sufficiently.	X		
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

Syllabi are readily available and can be further completed by including evaluation criteria.

(TMDU)

Most of the important parts, such as assessment standards, are well written and understandable in syllabus. Moreover, the syllabus is easily accessible on particular websites so that the JDP students seem to get the information adequately.

➤ Proposals for improvement

(UCh)

Evaluation criteria will be included in the syllabus.

(TMDU)

The situation has been smooth and satisfactory for the current JDP students. There seems to be no major problems to be corrected immediately.

Just minor revisions are required for the criteria of qualifying examinations or diploma policy.

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 6-point scale, as follows, to enable each student's level of achievement to be visualized.

A+=4, A=3.5, B=3.0, C=2.0, which means pass,

D=1.0, F=0, which means fail.

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.

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]

The evaluation standards was modified by the Academic Committee, because there were some changes on evaluation system of TMDU.

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. TMDU and UCh will prepared to make a MOA in 2019.

The evaluation standards and evaluation method are to be explained on the websites.

(Table 5)

TMDU		UCh	
GP	Grade	Score	Grade
4.0	A+ (Superior)	7.0-6.5	Outstanding
3.5	A (Excellent)	6.4-6.0	Very Good
3.0	B (Good)	5.9-5.0	Good
2.0	C (Fair)	4.9-4.0	Fair
1.0	D (Failing)	3.9-3.0	Failing
0.0	F (Failing)	2.9-1.0	Poor

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

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.		X	X
II	Plan was not achieved sufficiently.	X		
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

Evaluations have been performed according to requirements of both

institutions uneventfully. Joint qualification examinations to occur in 2019 will allow to evaluate this procedure in order to determine if it needs to be harmonized and/or improved.

(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 TMDU and the UCh. The assessment standards are clear, and assessment appears to be carried out objectively. The current Japanese student has received her grades and credits in Chile and TMDU according to the rules of both universities. Also, the completion of the courses by the student is satisfactory.

➤ **Proposals for improvement**

(UCh)

No specific proposals at the moment.

(TMDU)

The grade conversion standards and method were successfully adapted to the Japanese student. So, it seemed to be nothing to improve.

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.

UCh applied scholarship for JDP in CONICYT and funding from CLC. TMDU continues to search for more opportunities for financial support, such as through private scholarships or public institute. TMDU applied the Student Exchange Support Program (Scholarships for Short-term Study Abroad), and one student received its scholarship.

[Evaluation of 3-1. Student support system]

		2017	2018	2019
IV	Achievement greater than plan.			
III	Plan was achieved.	X	X	X
II	Plan was not achieved sufficiently.			
I	Plan was not achieved.			

➤ Evaluation of current situation

(UCh)

UCh continuously searches for financial support for the physicians in the JDP. Our students are not routinely eligible for CONICYT funding because they do not have the required “research” curricula characteristic of routine PhD candidates. Our students are different because they are physicians with a strong research interest, but not the typical basic science applicant. Thus, we have strived to help them get funding for their own support, and support their own initiatives. The major program requirement, which allows them to work as physicians, is that they need to have most of their time dedicated to the JDP. We are securing as much funds as possible to support the travel and stay of our students in Japan.

(TMDU)

The first Japanese student is making good progress in the Program. All fees have been waived by TMDU. The student accepted financial support by Japan Student Services Organization (JASSO). The student is now back in TMDU from April 2019 and getting salary, proceeding her research as well as clinical job as a colorectal surgeon. Two Chilean students had a short visit to TMDU. We supported their residency.

➤ Proposals for improvement

(UCh)

Assuring funding for costs of living is not completely in our hands as a

public university. Nevertheless, we will continue to search for funding possibilities of public and private nature.

(TMDU)

It is unclear what the financial situation will be like during the stay of Chilean students in Japan. TMDU will solve potential problems in this regard as they occur with the support of UCh and CLC.