



Joint Degree Doctoral Program in Medical Sciences between Tokyo
Medical and Dental University and Mahidol University

Self-assessment report

<Term for evaluation: April 2020 - March 2021>

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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 Mahidol University (hereafter referred to as “MU”) 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) Program Administrative Committee
The Program Administrative Committee examines credit recognition for each subject. Entrance examinations, curriculum development, regular examinations and reporting assignment are also managed by this committee.
- (3) Dissertation Proposal Defense committee
The Dissertation Proposal Defense committee examines students in the Dissertation Proposal examinations at the first semester of the second year.
- (4) Dissertation Defense Committee
The Dissertation Defense Committee conducts dissertation defense.
- (5) External Assessment Committee
The External Assessment Committee conducts external assessment.

[Current situation]

Two committees, namely the Dean Council and the Program Administrative Committee, are organized and active. TMDU and MU have decided to set up the Dissertation Proposal Defense Committee, Dissertation Defense Committee, and External Assessment Committee, and the members of the respective committees will be elected when they are organized.

Reference 1: Members lists

<Past committees meetings>

(1) Dean Council

The Dean Council meeting was conducted on March 18, 2021, for reviewing matters that were discussed and settled between April 2020 and March 2021. Both TMDU and MU exchanged views for improving the program. The next Dean Council meeting is scheduled to be held in February 2022.

(2) Program Administrative Committee

Both TMDU and MU are scheduling and conducting regular Committee meetings every month.

(Table 1)

Date	
April 21, 2020	1st meeting
August 13, 2020	2nd meeting
November 17, 2020	3rd meeting
December 15, 2020	4th meeting
January 20, 2021	5th meeting
March 2, 2021	6th meeting

1-1-2. Communication method

[Evaluation indicator]

Appropriate communication method is established.

[Plan]

The TMDU–MU Partnership Siriraj Office, established by TMDU in the Faculty of Medicine, Siriraj Hospital at MU, and the online communication system will be used for communicating with each other.

[Current situation]

Both TMDU and MU are using the online communication system for holding meetings that are convened by the two committees mentioned above, for joint interviews during the entrance examination and for organizing meetings with TMDU members and students.

Moreover, the TMDU–MU Partnership Siriraj Office in Thailand, equipped with a computer, copy machine, tables and chairs, is being used for holding meetings between TMDU faculty members and students, especially when the former visit MU.

[Evaluation of 1-1. Joint implementation structure]

		2020
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

(MU)

Communication between MU and TMDU via online conferencing is proceeding satisfactorily, considering the COVID-19 pandemic situation. We constantly share information regarding the program and have responded swiftly to problems that emerged after the program was initiated.

(TMDU)

The Joint Implementation Structure and Communication methods are working effectively using teleconference systems (ZOOM).

A regular committee meeting is held every month for curriculum management. Information and views are exchanged frequently via e-mail, as necessary. In addition, on several occasions, we interviewed students to track progress of their research projects and credit acquisition status.

We conducted a Dean meeting in the last month of the academic year to confirm progress on this program, admission process for new students, and credit acquisition status.

➤ Proposals for improvement

(MU)

No improvement is required.

(TMDU)

Currently, no improvement is under consideration in TMDU.

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 MU will make a diploma policy and confer the degree of Doctor of Philosophy in Medical Sciences on students.

【Human Resources Development Goals】

The Program shall foster the following advanced medical professionals:

- (1) Surgeons who can advance the field of cancer treatments;
- (2) Skilled medical research scientists who can promptly respond to the needs of society; and
- (3) Leaders who can advance the medical sciences and healthcare fields in Japan, Thailand and throughout the ASEAN region.

【Current situation】

The following Diploma Policy, based on the Human Resources Development Goals of this Program, has been jointly established by TMDU and MU by 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) Ability to acquire advanced specialized knowledge, technique, applied skills in the field of surgery and to independently carry out pioneering research activities.
- 2) Ability to accurately summarize, widely explain and disseminate research results in the fields of surgery and biomedical sciences related to surgery.
- 3) Ability to identify international issues related to surgical medicine and solve problems from an international perspective; and the capacity to play a leading role in the field of education and research.

Faculty members of TMDU and MU have explained the Diploma Policy to new students in their respective university guidance. The policy can also be viewed on the websites of both universities.

There is no experience of completion of this program because it is a 4-year program that commenced in 2020. Both TMDU and MU are preparing for degree conferment in March 2024.

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 MU 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 MU draw up the following Curriculum Policy by mutual consent:

【Curriculum Policy】

The curriculum has been designed based on the following policies in order to create an environment in which students can acquire the knowledge, skills, experience and leadership abilities necessary to obtain a degree and become a highly specialized medical professional.

- (1) Establish “Clinical Core Subject I” to enable students to acquire advanced skills in specialized fields through specific research themes in clinical surgery. Establish jointly designed “Clinical Core Subject II” to enable students to acquire a wide range of knowledge, analytical abilities, and basic/applied skills in surgery and in biomedical sciences related to surgery, as well as developing an international perspective.
- (2) Establish “Clinical Statistics and Biomedical informatics” to enable students to acquire the basic knowledge of statistics and epidemiology necessary to conduct international-level research.
- (3) Establish “Cancer Professional Training Subjects” to enable students to acquire comprehensive knowledge and skills related to cancer and methodologies for conducting clinical research, which are required of leaders in cancer treatment.
- (4) Establish “Research core subjects” to enable students to cultivate the knowledge and research skills necessary to explore research themes in their surgical specialty, and acquire the knowledge and analytical skills necessary for basic research related to those themes.
- (5) Establish “Experiments and Thesis Writing” under the guidance of both universities to enable students to write original and practical papers based on scientific evidence through independent research on specific research topics related to surgical specialties.

Academic curricula are organized and implemented based on the Curriculum Policy. The table 2 shows the list of subjects reflecting each item of the policy. The Curriculum Policy is viewed on both universities' websites.

(Table 2)

Field	Subject	Credits (TMDU)	Credits (MU)
Clinical Core subjects	<ul style="list-style-type: none"> • Clinical Core Subject I (TMDU) • Clinical Core Subject I (MU) 	2	2
	<ul style="list-style-type: none"> • Clinical Core Subject II 	5	
Clinical Statistics and Biomedical informatics	<ul style="list-style-type: none"> • Overview of Public Health Medicine in Disease Prevention 	2	
	<ul style="list-style-type: none"> • Epidemiology 	2	
	<ul style="list-style-type: none"> • Clinical Biostatistics and Statistical Genetics 	2	
	<ul style="list-style-type: none"> • Research methodology in Biomedicine 		2
	<ul style="list-style-type: none"> • Biostatistics in Biomedicine 		2
Cancer Professional Training Subjects	<ul style="list-style-type: none"> • Overview of Cancer: Cancer Biology, Pathology and Anatomy 	1	
	<ul style="list-style-type: none"> • Minimal Invasive Treatment for Cancer I 	1	
	<ul style="list-style-type: none"> • Minimal Invasive Treatment for Cancer II 	1	
	<ul style="list-style-type: none"> • Organ-specialized Cancer 	1	
	<ul style="list-style-type: none"> • Pediatric and rare cancers 	1	
	<ul style="list-style-type: none"> • Advanced Clinical Oncology 	1	
	<ul style="list-style-type: none"> • Cancer genomics and precision medicine 	1	
	<ul style="list-style-type: none"> • Palliative Medicine: Outline 		1
	<ul style="list-style-type: none"> • Applied Cancer Biology and Immunology 		
	<ul style="list-style-type: none"> • Stem cell for Surgical Patient 		1
	<ul style="list-style-type: none"> • Basic Laboratory Relevance to Surgery 		1
	<ul style="list-style-type: none"> • Cancer Imaging 		1
	<ul style="list-style-type: none"> • Robotic Surgery in Urology 		1
	<ul style="list-style-type: none"> • Basic Surgical Endoscopy 		1
	<ul style="list-style-type: none"> • Advanced Inter Disciplinary Endoscopy for Gastrointestinal Tract Cancer 		1
	<ul style="list-style-type: none"> • Perioperative Care Surgical Patient 		1

Research core subjects	Surgery	<ul style="list-style-type: none"> • Specialized Surgeries • Gastrointestinal Surgery • Hepatobiliary Pancreatic Surgery (TMDU) • Head and Neck Surgery • Urology (TMDU) • Surgery for Upper GI Cancer • Surgery for Lower GI Cancer • Hepatobiliary Pancreatic Surgery (MU) • Vascular Surgery • Multidisciplinary Approach to Disease of Head Neck and Breast • Urology 	4 4 4 4 4 4 4 4	4 4 4 4 4 4
	Biomedical sciences related to Surgery	<ul style="list-style-type: none"> • Stem Cell Regulation • Clinical Anatomy • Developmental and Regenerative Biology • Biomechanics • Clinical Oncology • Principles in Systems Pharmacology • Stem Cell Science 	4 4 4 4 4	4 4
Experiments and Thesis Writing		<ul style="list-style-type: none"> • Experiments and Thesis writing at TMDU • Experiments and Thesis writing at MU 	24	24

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 MU will draw up an Admissions Policy and conduct entrance examinations in accordance with it.

[Current situation]

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

【Admissions Policy】

This program aims to foster highly skilled experts as well as global leaders who possess a wealth of knowledge in the fields of biomedical and medical sciences, especially in surgery, not only in Japan and Thailand, but also throughout Southeast Asia. Qualified applicants who meet any of the following criteria are therefore highly encouraged to apply for our program.

- 1) Eager to acquire advanced clinical ability, basic knowledge and techniques in the field of surgery, or understanding grounded in the latest research in the field of surgery.
- 2) Eager to be independent basic-clinical researchers in the fields of surgery with the capacity to take the lead in national/international clinical research projects or clinical education upon completion of this course.

The policy and details of the entrance examination are clearly explained in the Student Application Guide and on the websites of both universities. The entrance examination and curriculum are conducted rigorously, consistent with policies.

The entrance examination includes screening of documents and a joint interview (English). The 2021 entrance examination was conducted in January, in accordance with the Admissions Policy, and three candidates qualified and were accepted.

[Evaluation of 1-2. Policies]

		2020
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

(MU)

1. All three students, who were enrolled last year, have successfully completed the first-year curriculum and they are now into the first semester of second year. The course is progressing per schedule and without any problems.
2. New students for 2021 are starting their course subjects under the supervision of both MU and TMDU faculty.

(TMDU)

The Diploma Policy, Curriculum Policy, and Admissions Policy are published in the admission guidelines and on the JDP website. Students have joined this course in agreement with these policies. The curriculum has been established based on the Curriculum Policy.

➤ Proposals for improvement

(MU)

No proposal is required.

(TMDU)

We are trying to improve the website so that this information on policies is communicated to more number of people.

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

[Current situation]

The Program Administrative Committee will implement self-assessment of this program in October 2021. Both TMDU and MU will prepare a self-assessment report based on the same evaluation categories, and review the current situation and proposals for improvement.

The evaluation period is from April 2020 (when the first batch of students started their course) to March 2021.

Self-assessment reports will be published on the websites of both universities. Based on the reports of the academic meeting, which is expected to be held in October 2021, TMDU and MU will discuss a strategy for educational improvement and research activities.

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 MU 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 Thailand, 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 self-assessment, TMDU and MU will likely undertake external assessment in February 2022. The results of the external assessment will be provided as feedback to the faculty members of both universities. Based on the results and feedback, TMDU and MU will likely improve their educational and research activities.

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 the questionnaire to students on the subjects they took in the first academic year. The results were shared and examined at a meeting convened by the Program Administrative Committee, and most students were satisfied even though most of the lectures were conducted by online due to the COVID-19 pandemic. Furthermore, we conducted a video workshop on faculty development jointly with Chulalongkorn University and University of Chile, as they also manage Joint Degree Programs with TMDU. Specifically, we shared information on the need for improving faculty members' teaching skills as well as classes.

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. MU will also be proactive in providing information.

[Current situation]

Mutual cooperation between TMDU and MU has enabled to make information available on educational and research activities on the websites of both universities in English, Japanese, and Thai language. In fact, TMDU has revamped its website completely (Reference 2).

<https://www.tmd.ac.jp/cmn/jdp/>

The JDP team manages the JDP website, which provides information on the various educational and research activities, as listed below in Table 3.

Moreover, newsletters have been regularly published to create public awareness on the current status of the JD program's operations (Reference 3).

Information publishing at MU: The JDP Program continues to be adequately described on the web page of International Affairs (Reference 4):

<https://www2.si.mahidol.ac.th/en/surgery/joint-degree-program/>

Reference 2: TMDU Website (English and Japanese)

(Table 3)

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

-	University's educational objectives
-	Basic organization for education and research
-	Faculty member information
-	Number of admissions, admission quota, number of students enrolled
-	Subjects' details, teaching methods, curriculum
-	Facilities, research environment
-	Tuition fees, admission fees

Reference 3: Newsletter

Reference 4: MU website (English)

[Evaluation of 1-3. Quality assurance system]

		2020
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

(MU)

Students enrolled in the JDP program evaluated each course subject through a MU-designed evaluation form. We receive feedback and comments and the information is discussed in the program administrative committee to improve every aspect of the curriculum.

(TMDU)

This program has a quality assurance system comprising self-assessment and external assessment. We discussed the importance of faculty development in the program management meetings and agreed to aim at making further enhancements in the program. We held the faculty development program together with other JDP programs managed by TMDU. Given the pandemic situation, we conducted an on-demand FD program. We used a questionnaire to sample students' opinions about improving the program, and MU and TMDU shared the results.

➤ Proposals for improvement

(MU)

Mahidol University (MU) has improved and the updated current status and news on the faculty website and webpage of the Department of Surgery. The updates include student activities, pictures, and videos along with other important announcements. Moreover, MU plans to distribute the JDP brochure at a national surgery conference.

(TMDU)

Both MU and TMDU plan to develop a self-assessment form to raise the standard of assessment. We will develop a questionnaire to improve this program.

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 MU 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 supervisors and research supervisors to students. At the end of each academic year, credits will be recognized for subjects after receiving approval from the Program Administrative Committee. In the 1st semester of the 2nd academic year, students will take the Dissertation Proposal Defense, and their supervisors will advise them on their research projects.

[Current situation]

Entrance examinations were conducted jointly, and three students were enrolled for the program in 2021. Faculty members of both TMDU and MU provided guidance, explaining the procedures for course registration by conducting a question and answer (Q&A) session.

Supervisors and research supervisors from TMDU and MU were assigned to students; they advised and supervised students regarding their subjects and research plans via e-mail and video conferencing systems. The students took subjects at TMDU and MU during their first year and completed the required subjects.

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

		2020
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

(MU)

1. Candidates who applied for the Joint Degree Program in the 1st semester of 2nd year were interviewed twice by interviewers (MU-TMDU committees) and provided evaluation scores.
2. For JDP students who enrolled last year (2020), the Qualifying Examination and Dissertation proposal examination will be conducted after students pass all coursework.

(TMDU)

The JDP committees of both MU and TMDU have been operating the program satisfactorily. In addition, entrance examinations and student supervisions have been suitably performed.

➤ Proposals for improvement

(MU)

No proposal is required.

(TMDU)

No specific proposals need to be implemented.

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 Thai candidates will apply.

[Current situation]

Both universities publish relevant information, such as communications related to Diploma Policy, Curriculum Policy and Admissions Policy on their websites. All the necessary information given below is available in the application guide and on the websites of both universities (Reference 2 and 4).

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

3~5 Thai candidates have applied, and number of admissions versus admissions quota is appropriate (Table 4).

(Table 4)

	2020	2021
Admissions quota	3	3
Number of applicants	3	5
Number of successful applicant	3	3
Number of enrollments	3	3

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

		2020
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

(MU)

1. Currently, first generation students are pursuing their 2nd year program.
2. Some applicants were not be enrolled in the field of surgery, suggesting the need to expand the fields of study under the JDP.
3. The course curriculum is in the field of research and surgery. Students can register in all the subjects they are interested in, whether MU or TMDU, if these subjects conform to the curriculum structure.

4. Currently, a student requires more information regarding support available when they visit Japan.

(TMDU)

The total number of candidates reaches capacity every year and, three applicants are enrolled successfully each time. Stable number of applicants are expected in the future.

Recruitment into this program is promoting attractiveness and future potential of this program in both countries.

➤ Proposals for improvement

(MU)

Expansion of the field of study may be required in the future.

(TMDU)

No specific proposals need to be implemented.

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 English.

[Current situation]

The syllabus of TMDU is written in English and that of MU is written in Thai or English. The syllabus includes the Curriculum Policy, and it is available on the respective websites.

[Evaluation of 2-3. Syllabuses]

		2020
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

(MU)

1. The syllabus of each subject in the JD Program has been revised and updated for the new semesters.
2. The syllabus will appear on the webpage of the Graduate School and on the website of the Faculty of Department of Surgery.

(TMDU)

In the syllabus, important points, such as assessment standards, are

articulated appropriately and are comprehensible. Moreover, the syllabus is easily accessible on the website, so that JDP students can access the information.

➤ Proposals for improvement

(MU)

New platforms for online courses are now under development at MU because the COVID-19 situation may not resolve in the short term (near future). Information technology will be applied to enhance the study environment at MU.

(TMDU)

No specific proposals are required to be implemented.

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 Program Administrative 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+=4.0, 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 MU will be graded on a 8-point scale, as follows, to enable each student's level of achievement to be visualized.
A=4.0, B+=3.5, B=3.0, C+=2.5, C=2.0, which means pass,
D+=1.5, D=1.0, F=0, which means fail.
- 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 university assigns grades for each subject, and the grades are approved by the Program Administrative Committee, which is jointly operated by TMDU and MU. For academic records at TMDU and MU, a grade conversion table (Table 5) has been designed to convert respective evaluations for subjects.

(Table 5)

TMDU		MU	
GP	Grade	Score	Grade
4.0	A+ (Superior)	4.0	Excellent
		3.5	Very Good
3.5	A (Excellent)	3.0	Good
3.0	B (Good)	2.5	Fairy Good
2.0	C (Fair)	2.0	Fair
1.0	D (Failing)	1.5	Poor
		1.0	Very Poor
0.0	F (Failing)	0	Failing

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

		2020
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

(MU)

1. Each subject will be evaluated based on student punctuality and in class activities during every class.
2. Examination system (multiple-choice questions (MCQs) and Oral examination).

(TMDU)

Evaluation methods have been agreed upon and established according to the requirements of both universities. Joint Qualification examinations may require frequent discussions between both Program Administrative Committees.

➤ Proposals for improvement

(MU)

The present grading system follows the Graduate School grading system. No need to propose improvement.

(TMDU)

No specific proposals need to be implemented.

3. Student Support

3-1. Student support system

3-1-1. Accommodation

[Evaluation indicator]

Appropriate housing support for students is ensured.

[Plan]

TMDU and MU will provide dormitories for the accommodation of students.

[Current situation]

TMDU is preparing to provide accommodation at TMDU Ichikawa Dormitory for prospective students, observing clinical surgery in Japan.

3-1-2. Research environment

[Evaluation indicator]

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

[Plan]

- One or two research supervisors from TMDU and MU 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 MU's Faculty of Medicine Siriraj Hospital. 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 works have progressed efficiently as each student was assigned one or two research supervisors from the respective university. The students contact TMDU supervisors to report and confirm their research plans and TMDU supervisors comment on the progress made in their work via e-mails or online communication systems.

3-1-3. Financial support

[Evaluation indicator]

Ensure adequate financial support for students

[Plan]

- MU will provide scholarships to two or more students who register at MU each year, on the condition that after completing the program they join as faculty members in the Department of Medicine at Siriraj Hospital.

[Current situation]

Before students, who matriculated at MU, start their half year clinical activities, TMDU will apply for MEXT (Ministry of Education Culture, Sports, Science and Technology) scholarships (80,000JPY/month) for them.

Both TMDU and MU continue to look for additional financial support for students, such as private scholarships.

[Evaluation of 3-1. Student support system]

		2020
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

(MU)

1. Second year JDP students (2 students) received the Faculty of Medicine Scholarship for 4-year This amount will cover both tuition fee and travel expenditure to Japan for one and half years during their stay in Japan.
2. First year JDP students are currently in the process of applying for scholarship support.

(TMDU)

Students are provided proper support for *finding* accommodation during their stay. They can live on-campus in either Surugadai or Konodai. If necessary, they can apply for the Japan Student Services Organization (JASSO) scholarship. Students can work in the TMDU office during their stay in Japan.

➤ Proposals for improvement

(MU)

In future, scholarships from other sources, such as Japanese government scholarships, may be required.

(TMDU)

We should continue to consider providing more number of scholarships to support students, either from the Japanese government or other organizations.

MU-TMDU
Member of the Dean Council (Draft)

	Name		Position	Department	E-mail
1	TMDU	©Masanobu Kitagawa	Vice Dean of Graduate School of Medical and Dental Sciences	Department of Comprehensive Pathology	masa.pth2@tmd.ac.jp
2		Keiichi Akita	Professor	Department of Clinical Anatomy	akita.fana@tmd.ac.jp
3	MU	©Prasit Watanapa	Dean of Faculty of Medicine	Division of Generary Surgery, Department of Surgery	
4		Vitoon Chinswangwatanakul	Associate Professor	Minimally Invasive Surgery Unit, Department of Surgery	clvchinswa@gmail.com

◎Chairperson

Total 4

Member composition:

1. Dean or Vice Dean (Medical) of Graduate School of Medical and Dental Sciences at TMDU
2. Dean of Faculty of Medicine at Mahidol University Shiriraj Hospital
3. 2 people (1 from each university) deemed necessary by the members of 1 and 2 of the preceding paragraph.

*The term of office of the members of 3 of the preceding paragraph shall be two years, and reappointment shall not be made.
 If a vacancy occurs in the member set forth in the preceding paragraph, the term of office of the vacant member shall be the remaining term of the predecessor.

Deliberations:

1. Organization of the curriculum
2. Organization of educational organizations
3. The selection of new students and the awarding of degrees
4. Management and safety of student enrollment
5. Student scholarships and welfare guidance
6. Evaluation of the situation of education and research activities, etc.

Notes;

Conduct video conference once a year at least.

TMDU • Mahidol University
Member list of the Program Administrative Committee

April. 1, 2020

	Name	Position	Name of the department	Contact	Email address
1	TMDU	◎ AKITA Keiichi	Professor	Clinical Anatomy	81-3-5803-5257 akita.fana@tmd.ac.jp
2		TANABE Minoru	Professor	Hepatobiliary and Pancreatic Surgery	81-3-5803-5252 tana.msrg@tmd.ac.jp
3		Miyake Satoshi	Professor	Clinical Oncology	81-3-5803-4068 sm.conc@tmd.ac.jp
4	Mahidol University	◎ Vitoon Chinswangwatanakul	Associate Professor	Minimally Invasive Surgery Unit, Department of Surgery	vchinswa@gmail.com
5		Thawatchai Akaraviput	Professor	Minimally Invasive Surgery Unit, Department of Surgery	Akaravipute@gmail.com
6		Asada Methasate	Associate Professor	Minimally Invasive Surgery Unit, Department of Surgery	asada.met@mahidol.ac.th

◎Chairperson

Total 6 persons

Notes;

- In principle, conduct video conference once a month.
- Proposal: 3 members from each Institution. Total of 6 representatives.
- The attendance of 2 or more members from both university.
- * In case of that a member who is absent from it due to avoidable reasons submits a written opinion on the agenda and a power of attorney for exercising voting rights to the chairperson in advance, the member shall be treated as
- Entrance Examination : Professors elected by this committee conduct the joint meeting.

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研究も 臨床も (そして) 世界の仲間も

MAHIDOL UNIVERSITY

News

2021.4.1.

New JDP website!

JDPのHPがリニューアルしました！

VIEW MORE



Why JDP ?

A single academic degree jointly conferred on students who have completed a single joint educational program established by universities that jointly set up the said program.

ジョイント・ディグリー（JD）とは、連携する大学間で開設された単一の共同の教育プログラムを学生が修了した際に、当該連携する複数の大学が共同で単一の学位を授与するものです。

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Joint Degree Programs in TMDU



Tokyo Medical and Dental University and Chulalongkorn University
 International Joint Degree Doctor of Philosophy Program in Orthodontics
 国際連携歯学系専攻

TMDU×Chulalongkorn University
 TMDU×チュラロンコン大学

Newsletter

Vol. 16



チュラロンコン大学 - 東京医科歯科大学
研究教育協力センター



CU-TMDU Research and Education Collaboration Center, Thailand

March 31st, 2021

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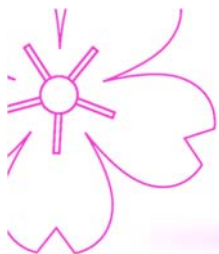
① この一年、そしてこれからの国際交流

我

が国では、新型コロナウイルスの患者が見つかったから1年が過ぎました。この間に、1波、2波、3波という具合に徐々に高く大きくなる波に襲われ、さらには2度めの緊急事態宣言を体験することとなりました。海外からの入国制限、また海外でも入国後の自主隔離などの制限が続くなど、海外との往来は、それまでとは異なり、非常に難しくなりました。統合国際機構としても、海外大学との交流をサポートする部門だけに、コロナ禍のもとで、どのように進めていくのがよいのか、非常に大きな悩みとなっています。とくに、ジョイント・ディグリー・プログラム（JDP）や学生の海外派遣など、海外大学との共同作業を前提としているだけに、今回のコロナ禍において、進めることの困難に直面しております。一方で、情報通信技術（Information and communication technology）の活用が進められています。技術そのものはもっと前からあったのですが、対面での会議や授業といったものの代替えというイメージが強かったものです。しかしながら、このコロナ禍を通じて、より良く活用することが検討され、かえって我々の空間的・時間的距離が縮まったように思います。

必要は発明の母とは、昔から言われておりますが、オンライン交流の充実を図るべく、様々な知恵を出していくことがもとめられていると考えます。これからは、ワクチン接種も進み、従来の交流が回復していくのかもしれませんが、今回の経験で培った試みをさらに発展的に進めていけるよう、考えていきたいと思っております。■

✧ タイ拠点運営管理者 臨床解剖学分野 教授 秋田 恵一



② タイでのコロナとワクチンの状況

ワクチン接種の開始

2021年2月22日時点の現在では、92の国で新型コロナウイルスワクチンの接種が始まりました。全世界で接種された新型コロナウイルスのワクチンは合わせておよそ2億万回分です。一方、タイ政府は2月28日にワクチンの接種を開始すると発表しました。

タイ政府は、中国・科興控股生物技術（シノバック・バイオテック）のワクチンを2月に20万回分、3月に80万回分、4月に100万回分輸入とし、医療従事者、感染率の高い地域在住者、高齢者及び慢性疾患保有者が優先されます。5月末には英製薬大手アストラゼネカと英オックスフォード大学が共同開発したワクチンをタイ国内で生産した2600万回分を供給することです。優先対象外の人たちは3月～4月に接種するとし、21年末までに少なくとも50%の国民がワクチン接種を受ける事を目指しています。

ワクチンパスポート

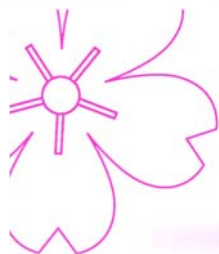
タイ国内の各産業は、新型コロナウイルス感染症の影響を受け続けていますが、とりわけ観光業は大きな痛手を受けています。2月中旬にタイ政府観光庁(TAT)は、観光事業を復活させるために、新型コロナウイルスのワクチン接種をすることで14日間の隔離検疫なしでタイ旅行を可能にする、「ワクチンパスポート」の提案をしていました。観光事業は壊滅的な被害を受けているため、観光業で働くスタッフは、医療従事者と同じく最初のフェーズでワクチン接種され、プーケット島はこのシステムを実施する最初の県で、これが成功すれば他の観光地でも実施するといった提案もありました。

一方、ワクチンパスポートはWHO（世界保健機関）ではまだ検討中であり、ワクチンパスポートの具体的な枠組みはまだ推奨していません。タイ保健省疾病対策局の最新声明によると、ワクチンの効果を示す証拠がまだ不足しており、入国の条件としてワクチン接種証明書の提示は要求されるべきではないとしています。ワクチンの有効性に関する十分な情報があれば、タイはワクチンパスポートを採用する可能性があります。このアイデアは再度検討のため、タイ政府はワクチンパスポートの発行について、3月8日に話し合うとしています。■

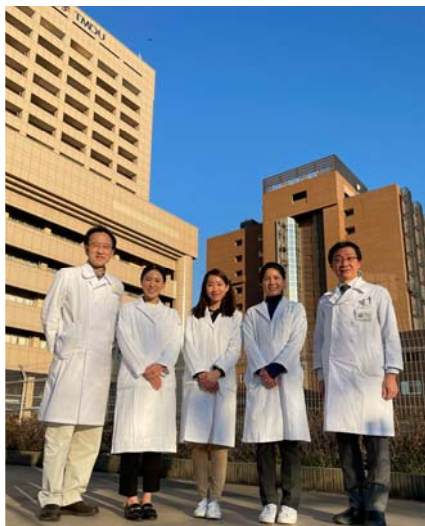


国立病院でCOVID-19のワクチンを受ける医療関係者の様子。

✧ チュラロンコーン大学 客員講師 Issareeya Ekprachayakoon



③ チュラロンコーン大学とのJDP



2019年入学生と指導教員

学生の受入

2020年11月に、2019年入学生が本学での学修を開始しました。通常であれば毎年6月に来日するところ、新型コロナウイルス感染拡大の影響を受け、来日が延期されました。来日するまでの間、学生はチュラロンコーン大学において研究に必要な手技などの遠隔ならびに現地指導を受け、本学での研究を滞りなく開始することができました。来日が遅れた場合でも本学での研究期間は1年を確保するため、学生は2021年10月末まで本学で学修することになります。

学位論文審査への道

本専攻では学位論文審査までに2つの試験を課しています。1つ目は1年次末までに実施する進級試験、2つ目は2年次末までに実施する論文企画試験です。学生は研究テーマ及び研究の進捗についてプレゼンテーションを行い、両大学の評価委員がアドバイスを行います。これは本専攻の特徴的な仕組みで、学生が客観的に自身の研究について確認し、確実に学位論文審査に向けて研究及び論文を執筆するにあたり役立っています。在学生はいずれも予定どおりに各試験に合格しており、2016年入学生（第1期生）の学位論文審査を同年5月から6月に予定しています。また、2021年3月に、2020年入学生の進級試験が行われる予定です。

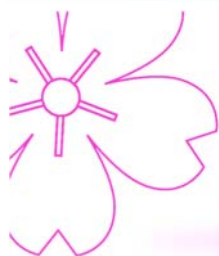
プログラムの改善に向けた取り組み

本プログラムでは、毎年、自己点検・評価、外部評価、教職員FD研修を行っています。自己点検・評価は2020年11月から2021年1月にかけて実施しました。評価の項目は大分類3つ、小分類8つがあり、会議体、方針、評価体制、入学者選抜、学生支援などについて評価を行います。この自己点検・評価報告書をもとに、外部評価を2021年2月から3月にかけて実施しました。外部評価はプリンスオブソンクラー大学の教員と広島大学の教員に依頼をし、評点及び改善のための提案をいただいています。教職員FD研修については、今年は初の試みで、チリ国チリ大学とのJDP、タイ王国マヒドン大学とのJDPと合同で開催予定です。■



本学での研究指導の様子

✧ 咬合機能矯正分野 教授 小野 卓史



④ マヒドン大学とのJDP

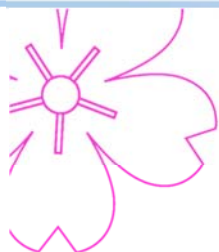


本学教員と一期生との面談の様子

9月30日、タイ王国マヒドン大学と本学とのジョイント・ディグリー・プログラム（JDP）に、4月に第一期生として入学した3名と、本学教員との間で入学後初となる面談が、ビデオ会議（Zoom）にて行われました。面談は新型コロナウイルス感染拡大の影響で懸念されていたマヒドン大学での履修及び研究計画の進捗状況の確認をするために行われたものです。本学では、4月から5月までの緊急事態宣言の中、研究活動に制限があり、授業などもすべてオンラインで行われるようになるなど、カリキュラムの様々な変更を余儀なくされました。また、マヒドン大学でもオンライン授業などが取り入れられているとのことでした。

面談には、本学からは、プログラム責任者である秋田教授、指導教員である田邊教授、三宅教授、田賀教授が参加しました。科目履修については、コロナ禍においてもオンラインツールを利用して予定を組み替えながらも進められること、研究については、日本への滞在が不透明な中、マヒドン大学を拠点として研究を進める準備が整っていることについてといった、コロナ禍においてもプログラムが円滑に進んでいる様子が学生から伝えられ、マヒドン大学側の迅速な学修及び研究環境整備の成果と、第一期生の当プログラムへの意欲の高さを実感する機会となりました。また、最後に本学教員との質疑応答が行われ、今後の本学滞在に向けた情報共有とともに、お互いにコミュニケーションを取るための貴重な機会となりました。スタートしたばかりの当プログラムは、マヒドン大学の協力の元、順調な滑り出しを見せています。■

✧ タイ拠点運営管理者 臨床解剖学分野 教授 秋田 恵一



⑤ JDP 4 大学合同の教職員FD研修の開催 (Faculty Development Seminar 2020)

教

員の能力向上と意識共有を行うために、本学のJDP各専攻で毎年行われていた教職員FD研修ですが、3月に初の試みとなるJDP 3 専攻（チュラロンコーン大学、チリ大学、マヒドン大学）合同で行いました。新型コロナウイルス感染拡大の影響で、講演者は各大学にて講演を行うことになりましたが、時差の関係からリアルタイムでの開催が難しかったため、各講演者の講演動画を一本の動画に集約し、各大学にてオンデマンドで開催することとなりました。本学からは秋田恵一教授に講演をいただき、コロナ禍における本学の教育・研究への取り組みを中心に講演をいただきました。本学ではこの動画をWebClassに掲載し、Infoにて全学に周知し、たくさんのご視聴をいただくことができました。また、各連携大学においてもたくさんの方にご視聴をいただくことができ、研修を通して本学の教育・研究への取り組みを世界に発信できる素晴らしい機会となりました。■

✿ 統合国際機構 国際交流課 JD・MPH係

University of Chile, Chulalongkorn University, Mahidol University and TMDU
Joint Degree Doctoral Program in Medical Sciences

Faculty Development Seminar 2020







For all employees and students
March, 2021

University of Chile, Chulalongkorn University, Mahidol University and TMDU present

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	<p>The role of Thai Royal Dental College in graduate studies in Thailand</p> <p>Dr. Pornchai Jansisyanont - D.D.S., M.S., Ph.D., Dean, Associate Professor - Department of Oral and Maxillofacial Surgery from Chulalongkorn University</p>
	<p>Joint and double PhD programs in Mahidol University</p> <p>Dr. Thawornchai Limjindaporn - M.D., Ph.D., Deputy Dean of Postgraduate Education, Associate Professor - Department of Anatomy from Mahidol University</p>
	<p>Changes in Education and Research activities in TMDU by Covid-19 pandemics</p> <p>Dr. Kelichi Akita - M.D., Ph.D., Deputy Director, International Exchange, Division Head, Joint Degree Program Advancement Division, Professor - Department of Clinical Anatomy from TMDU</p>

Inquiry: JD&MPH unit: jd@ml.tmd.ac.jp

Inquiry: Joint Degree Team, Educational Planning Section (Ext 4678)



⑥ TMDUとタイ国との協定

本学とタイ国の大学及び機関と交わしている協定を紹介させていただきます。全てで8つの機関と大学間及び部局間協定（学術・学生）を合わせ合計21件を締結しています。また、チュラロンコーン大学及びマヒドン大学とはJDPも結んでいます。■

✧ 統合国際機構 国際交流課 総務係

大学間	チュラロンコーン大学	Chulalongkorn University	学術
部局間	チュラロンコーン大学 歯学部	Faculty of Dentistry, Chulalongkorn University	学術 学生
部局間	チュラロンコーン大学 保健医療学部	Faculty of Allied Health Sciences, Chulalongkorn University	学術 学生
部局間	チュラロンコーン大学 工学部	Faculty of Engineering, Chulalongkorn University	学術 学生
大学間	マヒドン大学	Mahidol University	学術
部局間	マヒドン大学 シリラート病院 医学部	Faculty of Medicine, Siriraj Hospital, Mahidol University	学生
部局間	マヒドン大学 ラマチボディ病院 医学部	Faculty of Medicine, Ramathibodi Hospital, Mahidol University	学術 学生
部局間	チェンマイ大学 歯学部	Faculty of Dentistry, Chiang Mai University	学術
部局間	チェンマイ大学 医学部	Faculty of Medicine, Chiang Mai University	学術 学生
部局間	ソンクラ王子大学 歯学部	Faculty of Dentistry, Prince of Songkla University	学術
部局間	ナレスワン大学 歯学部	Faculty of Dentistry, Naresuan University	学術 学生
部局間	シーナカリンウィロート大学 歯学部	Faculty of Dentistry, Srinakharinwirot University	学術 学生
部局間	コンケン大学 歯学部	Faculty of Dentistry, Khon Kaen University	学術
部局間	国立がんセンター	National Cancer Institute, Thailand	学術

【発行日】 2021年(令3年) 3月31日

【制作】 国立大学法人 東京医科歯科大学

統合国際機構国際交流課総務係 (E-mail: kokusai.adm@tmd.ac.jp)

<http://www.tmd.ac.jp/international/base/thai/index.html>

【本学タイ拠点所在地】

CU-TMDU Research and Education Collaboration Center,
11F Navamaracha Building, Faculty of Dentistry, Chulalongkorn University,
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or contact Department of Surgery's International Relation Office, 13th Floor, Syamindra Building,
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand 10700

e-mail : Ussanee.cha@mahidol.ac.th **Tel:** (+66) 419-8013 ext. 105

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