Hiroyuki Kobayashi,
Yutaka Imai, M.D, Ph.D.
Prof. from the Dean of Graduate School of Medicine
from the Dean of School of Medicine
Tokai University affiliate hospitals.

We also provide the "Clinical Training/Graduate School" hybrid course designed to allow students to acquire the skills necessary for a physician.

At Tokai University Graduate School of Medicine, many basic medical researchers are engaged in the clinical practice at Tokai University affiliate hospitals equipped with cutting-edge equipment.

Our educational system is designed to help students determine what kind of doctor they want to become and pursue their professional goals.

Clinical practice is offered at Tokai University affiliate hospitals equipped with cutting-edge equipment. This clinical training will be valuable experience for students to cultivate a sense of ethics as they become healthcare professionals who are socially sought-after.

One of our important missions is to foster young scientists in basic and clinical medicine who are fully equipped for clinical applications. To achieve this, we actively support research projects that intend to share outcomes with clinical applications.

We define a good doctor as one who is equipped with a rich sense of humanity with a wide range of perspectives, extensive knowledge, solid technical skills, and diverse creativity, as well as who recognizes the importance of respect for the dignity of people.

We value the expert views of clinical providers. To address these issues, it is important for us not only to provide medical education to help students acquire cutting-edge medical knowledge and skills but also human education to help them become compassionate physicians with a strong sense of humanity and social awareness as well as solid expertise, skills and creativity.

Tokai University Graduate School of Medicine has been a leader in the training physician scientists who are equipped with a rich sense of humanity and who take their social roles seriously.

To further promote international exchange of researchers and to disseminate research outcomes on a global scale, we actively support research projects that intend to share outcomes with clinical applications. To achieve this, we actively support research projects that intend to share outcomes with clinical applications.

We value the expert views of clinical providers. To address these issues, it is important for us not only to provide medical education to help students acquire cutting-edge medical knowledge and skills but also human education to help them become compassionate physicians with a strong sense of humanity and social awareness as well as solid expertise, skills and creativity.
About TOKAI University

Tokai University is a private university established by Dr. Shigeyoshi Matsumae in 1942. The word “Tokai” of “Tokai University” refers to the sea to the east of Asia, namely the Pacific Ocean, and symbolizes the desire to foster big hearts, rich spirits, and broad perspectives symbolized by the expanse of an ocean. The white cross of the school flag symbolizes “Love” and “Justice” and expresses the presence of “Truth” where love and justice meet. The Tokai University Educational System is one of the largest general education and research institutions in Japan today.

Dr. Shigeyoshi Matsumae and the Founding Spirit of the School

Dr. Shigeyoshi Matsumae (1901–1991) founded the university based on his passion for and ideal of education. This is the “founding spirit of the university” and it is our responsibility to pass on this spirit to following generations and fulfill our ideal of “creating a well-balanced civilized society” by cultivating people with a strong sense of mission to take responsibility for future history and with rich sense of humanity.

Cultivate your thoughts in your early days
Nature your body in your early days
Develop your intellect in your early days
Aim your hopes towards the stars in your early days

The 75th anniversary of Tokai University in 2017

The year 2017 will mark the 75th anniversary of the university. We regard this anniversary as the turning point leading to the centennial anniversary and also the beginning of a new challenging phase. We will take this important opportunity to reflect on the spirit of Dr. Matsumae and to think about how we can improve the quality of education and research as we head toward our centennial anniversary.

Tokai University Data

| Undergraduate Students | 29,008 (475) |
| Graduate School Students | 1,057 (129) |
| Teachers | 1,894 |
| Schools | 18 | Departments | 68 |

Tokai Network
In Japan, as the number of children is constantly decreasing and population rapidly aging, we have many issues that need to be addressed immediately, such as shortage of medical staff, improvement of emergency medical and obstetrical medical systems, and cooperation among healthcare providers. To address these issues, it is important for us not only to provide medical education to help students acquire cutting-edge medical knowledge and skills but also human education to help them become healthcare professionals who are socially sought-after.

The educational objective of Tokai University School of Medicine is to educate doctors with a rich sense of humanity and social awareness as well as solid expertise, skills and creativity. To fulfill this objective, we have actively adopted the prominent medical educational styles of Europe and the United States since the foundation of the university, rather than adhering to conventional methods. We define a good doctor as one who is with a rich sense of humanity with a wide range of perspectives, extensive knowledge, solid technical skills, and diverse creativity, as well as who recognizes their social roles and are always conscious of the importance of respect for the dignity of people. Our educational system is designed to help students determine what kind of doctor they want to become and which medical area they want to specialize in.

Clinical practice is offered at Tokai University affiliate hospitals equipped with cutting-edge equipment. Students will be able to acquire practical skills in diagnosis and treatment as well as to understand their responsibilities in a team-based treatment approach and to develop communication skills. This clinical training will be a valuable experience for students to cultivate a sense of ethics as a doctor and a medical researcher.

Tokai University Graduate School of Medicine has been a leader in the training physician scientists and medical scientists. The program is continuing the University's tradition of excellence in education and training in clinical and translational research.

One of our important missions is to foster young scientists in basic and clinical medicine who are capable of responding to rapid advances in medicine and social changes. The significance of conducting interdisciplinary research by physicians at a graduate school of medicine lies in the fact that their expert views can be fully reflected in basic research. There are no doubts that their experience in basic research would serve as a great opportunity for them to achieve the quality and style required for a physician.

At Tokai University Graduate School of Medicine, many basic medical researchers are engaged in research projects that intend to share outcomes for clinical applications. To further promote international exchange of researchers and to disseminate research outcomes on a global scale, we actively encourage international exchange.

We also provide the “Clinical Training/Graduate School” hybrid course designed to allow students to simultaneously take a clinical training program to become a qualified medical specialist and a doctoral program with its main focus on research. This course provides students with an environment to be engaged in educational and research activities as a graduate student while continuing to work at Tokai University affiliate hospitals.
About School of Medicine

Admission Policy

The School of Medicine seeks students who understand and agree to pursue its educational objective to “develop humane, compassionate, ‘good doctors’ with a wide range of perspectives, extensive knowledge, solid technical skills, and diverse creativity, who recognize their social roles and are always conscious of the importance of respect for the dignity of people.”

Abilities and skills developed in classes offered by the School of Medicine

The following curriculum policy is adopted to ensure the development of good doctors:

- **Rich sense of humanity:** Ability to be compassionate towards others and maintain ethical awareness
- **Medical knowledge:** Basic knowledge to understand normal functions of the human body and pathologies, and to diagnose and treat diseases
- **Recognition of social roles:** Ability to recognize and fulfill their roles in society
- **Practical skills:** Ability to conduct experiments and research to verify hypotheses, and the clinical ability to diagnose and treat patients
- **Logical and creative thinking:** Ability to analyze logically and address issues
- **Global perspective:** Ability to recognize the direction in which medicine should proceed at the international level

Curriculum

Our curriculum is designed to help students improve their self-learning, problem solving, and communication skills and acquire basic clinical skills. The current curriculum comprehensively covers topics from basic knowledge, including the structures and functions of interrelated organs, to clinical knowledge, including pathologies and treatments. It also places emphasis on the importance of learning through experience by offering onsite training at hospitals and welfare facilities from a student’s early years at the university.

**Characteristics of the Curriculum**

**1. Identify issues and questions by oneself to acquire problem solving abilities**

Examples from actual cases are used to give students an opportunity to experience the process of studying and learning about examinations and diagnostic methods to identify the optimal treatment using the problem based learning (PBL) approach.

**2. Cultivate qualities as a doctor in interactive training for clinical practice**

In clinical training, a student joins a team consisting of a supervisory doctor and residents, and participates in actual treatment as a student doctor. The program is designed to provide students not only with textbook knowledge but also opportunities to acquire comprehensive abilities required for clinicians, including clinical practice skills and clinical inference. The period for clinical practice will be extended from AY 2016 in order to further improve students’ clinical abilities.

**3. Elective curriculum to fulfill individual’s desired career route**

Our elective curriculum for 2nd and 3rd year students includes about 100 subjects, offering students choices tailored to their individual needs and career paths. The elective clinical practice program for students in the 6th year provides students with an opportunity to experience various clinical settings both in and outside of Japan, from highly specialized Tokai University affiliate hospitals to hospitals in regional and remote areas.
The following curriculum policy is adopted to ensure the development of good doctors:

Abilities and skills developed in classes offered by the School of Medicine acquire basic clinical skills. The current curriculum comprehensively covers topics from basic knowledge, including the humanities, science, and diverse creativity, who recognize their social roles and are always conscious of the importance of respect for the humane, compassionate, ‘good doctors’ with a wide range of perspectives, extensive knowledge, solid technical skills, and maintain ethical awareness.

Our elective curriculum for 2nd and 3rd year students includes about 100 subjects, offering students choices tailored to their needs and interests. In clinical training, a student joins a team consisting of a supervisory doctor and residents, and participates in actual examinations and diagnostic methods to identify the optimal treatment using the problem-based learning (PBL) method. Students are provided with a variety of training at external facilities, such as nursing homes and child care institutions, to deepen their understanding of medical care environment and recognize the importance of communication.

The curriculum for 2nd year students includes classes on the basics of medicine, including Introduction to Pathology and Physiology. Students are also provided with opportunities for hands-on training at external facilities, such as nursing homes and child care institutions, to deepen their understanding of medical care environment and recognize the importance of communication.

Students in the 5th year are provided with clinical clerkship training (participation in treatment of actual patients) to improve their clinical skills. As a rule, students experience clinical practice at 21 different departments with two weeks as one course. The clinical clerkship, which we introduced in 1997, earlier than any other medical schools in Japan, is now used throughout the country.

Students experience the process of diagnosing patients at medical facilities, including not only those in the Tokyo area but also in a wide area covering from Hokkaido to Okinawa. When completing the clinical practice experience, students will review the knowledge, skills and attitudes they have developed during the last six years to become an ideal doctor.

### Outline of the Curriculum

<table>
<thead>
<tr>
<th>Year</th>
<th>Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>Liberal arts (English, molecular biology, biochemistry, etc.)</td>
</tr>
<tr>
<td>2nd year</td>
<td>Clinical practice (rotation through all departments)</td>
</tr>
<tr>
<td>3rd year</td>
<td>Clinical medicine (Pathology, pharmacology, details of clinical subjects, etc.)</td>
</tr>
<tr>
<td>4th year</td>
<td>Basic medicine (Anatomy, physiology, etc.)</td>
</tr>
<tr>
<td>5th year</td>
<td></td>
</tr>
<tr>
<td>6th year</td>
<td>Specialized training</td>
</tr>
</tbody>
</table>

### Learning Steps

1. **1st year**
   - Starting with liberal arts and medical English to build the foundation of medical knowledge, students practice dissection in anatomy classes and learn the normal functions of the human body in physiology classes.

2. **2nd year**
   - The curriculum for 2nd year students includes classes on the basics of medicine, including Introduction to Pathology and Physiology. Students are also provided with opportunities for hands-on training at external facilities, such as nursing homes and child care institutions, to deepen their understanding of medical care environment and recognize the importance of communication.

3. **3rd year**
   - Students learn about clinical medicine and pathology in the clinical medicine field. They are provided with classes to acquire knowledge in preparation for clinical practice classes. In addition, through role playing based on actual cases, they are given an opportunity to understand how to interview patients. They will also develop problem-solving abilities, which are indispensable for doctors.

4. **4th year**
   - Based on medical knowledge acquired for the last three years, students develop differential diagnostic abilities. Students are provided with a variety of curricula designed to improve their basic clinical skills in preparation for clinical practice classes starting from the fall semester. With the help of these curricula, they also acquire basic practical skills required for practice classes in the 5th and later years.

5. **5th year**
   - Students in the 5th year are provided with clinical clerkship training (participation in treatment of actual patients) to improve their clinical skills. As a rule, students experience clinical practice at 21 different departments with two weeks as one course. The clinical clerkship, which we introduced in 1997, is now used throughout the country.

6. **6th year**
   - Students experience the process of diagnosing patients at medical facilities, including not only those in the Tokyo area but also in a wide area covering from Hokkaido to Okinawa. When completing the clinical practice experience, students will review the knowledge, skills and attitudes they have developed during the last six years to become an ideal doctor.

### Data of School of Medicine

- **Number of Students**: 684
- **Ratio of Male & Female**: 6:4
- **Number of Teachers**: 852
The following curriculum policy is adopted to ensure the development of good doctors:

2. emphasis on the importance of learning through experience by offering onsite training at hospitals and welfare facilities 

... structures and functions of interrelated organs, to clinical knowledge, including pathologies and treatments. It also places value on acquiring basic clinical skills. The current curriculum comprehensively covers topics from basic knowledge, including the human body's normal functions and pathologies, and to diagnose and treat diseases. Students are also provided with opportunities for hands-on practice classes in the 5th and later years.

... which we introduced in 1997 for students experience clinical practice at 21 different hospitals and welfare facilities.

... skills. Our curriculum therefore is designed to help students improve their self-learning, problem-solving, and communication skills and to develop as innovative and critical thinking physicians who will be globally competitive.

... in preparation for clinical practice classes starting in the 5th year. The curriculum for 2nd year students includes about 100 subjects, offering students choices tailored to their career aspirations.

... educational objective of Tokai University School of Medicine to develop “good doctors,” it is important for students not only to acquire expertise and specific skills but also to improve communication skills. Our curriculum therefore includes many practical courses designed to improve communication skills of students from their early years at the university.

To achieve the educational objective of Tokai University School of Medicine to develop “good doctors,” it is important for students not only to acquire expertise and specific skills but also to improve communication skills. Our curriculum therefore includes many practical courses designed to improve communication skills of students from their early years at the university.

Tokai University Hospital has continuously focused its efforts, since its founding in 1975, on clinical practice, education and research in order to provide the best possible medical services to patients to remove their anxiety as quickly as possible and to treat them with high quality medical care. The hospital provides patients with various kinds of advanced treatments and also serves as a place to provide education and training to students of the School of Medicine and the School of Health Sciences, which are adjacent to the hospital. The hospital plays a role as a core medical institution providing acute medical care and operates an emergency medical service helicopter. It also serves as a regional hub hospital for cancer treatment and is engaged in clinical practice specializing in treating malignant tumors.

**Departments**

- General Medicine
- Cardiology
- Pulmonology
- Gastroenterology
- Hematology and Oncology
- Neurology
- Nephrology, Endocrinology and Metabolism
- Rheumatology
- Oriental Medicine
- Cardiovascular Surgery
- Transplant Surgery
- Gastroenterological Surgery
- Thoracic Surgery
- Neurosurgery
- Pediatric surgery
- Breast and Endocrine Surgery
- Orthopedic Surgery
- Plastic Surgery
- Urology
- Anesthesiology
- Emergency Medicine
- Oral and Maxillofacial Surgery
- Pediatrics
- Obstetrics and Gynecology
- Psychiatry
- Dermatology
- Otorhinolaryngology
- Ophthalmology
- Rehabilitation Medicine
- Diagnostic Radiology
- Radiation Oncology
- Pathology
- Gene Therapy
- Laboratory Medicine
- Cell Transplantation and Regenerative Medicine
- Palliative Medicine
International Exchange Programs

<table>
<thead>
<tr>
<th>Partner universities</th>
<th>Period</th>
<th>Academic year</th>
<th>The number of applicants</th>
<th>The total number of students up to AF 2014</th>
<th>Start year (academic year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York Medical College</td>
<td>USA</td>
<td>3 months</td>
<td>5th year</td>
<td>3</td>
<td>105</td>
</tr>
<tr>
<td>Barts and The London School of Medicine and Dentistry</td>
<td>UK</td>
<td>3 months</td>
<td>–</td>
<td>–</td>
<td>46</td>
</tr>
<tr>
<td>Wake Forest School of Medicine</td>
<td>USA</td>
<td>3 months</td>
<td>5th year</td>
<td>3</td>
<td>47</td>
</tr>
<tr>
<td>The University of Hawaii John A. Burns School of Medicine</td>
<td>USA</td>
<td>1-3 months</td>
<td>6th year</td>
<td>1</td>
<td>10</td>
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<tr>
<td>Case Western Reserve University School of Medicine</td>
<td>USA</td>
<td>6 months</td>
<td>–</td>
<td>–</td>
<td>5</td>
</tr>
<tr>
<td>University of Nairobi School of Medicine</td>
<td>Kenya</td>
<td>3 months</td>
<td>–</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>Newcastle University Faculty of Health Sciences</td>
<td>Australia</td>
<td>1 month</td>
<td>–</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>Cardiff University School of Medicine</td>
<td>UK</td>
<td>3 months</td>
<td>5th year</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>The Faculty of Health and Medical Sciences, University of Copenhagen</td>
<td>Denmark</td>
<td>3 months</td>
<td>5th year</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td>238</td>
<td>168</td>
</tr>
</tbody>
</table>

Learning Programs

<table>
<thead>
<tr>
<th>Partner universities</th>
<th>Period</th>
<th>Academic year</th>
<th>The number of applicants</th>
<th>The total number of students up to AF 2014</th>
<th>Start year (academic year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical English Training Program in Hawaii</td>
<td>USA</td>
<td>2 weeks</td>
<td>5th year</td>
<td>10</td>
<td>97</td>
</tr>
<tr>
<td>Healthcare and Welfare Learning Program in Denmark</td>
<td>Denmark</td>
<td>2 weeks</td>
<td>Sophomore/Junior</td>
<td>9</td>
<td>60</td>
</tr>
<tr>
<td>Intensive English Conversation Program in Hawaii</td>
<td>USA</td>
<td>1 week</td>
<td>Sophomore/Senior</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td>172</td>
<td>–</td>
</tr>
</tbody>
</table>

This year is the 32nd year since we started our study abroad programs. Considering the 41-year history of the School of Medicine, it is clear that we began actively promoting learning experiences for students at overseas institutions at quite an early stage.

The program currently available is for 5th year students to study at universities mainly in Europe and the United States for three months during their clinical clerkship training period.

Tokai University School of Medicine and the Kobe University School of Medicine jointly organize a medical English training program in cooperation with the University of Hawaii, John A. Burns School of Medicine. This is an 8-day training program for 5th year students to learn the basics of medical English terminology and communication as well as medical interviews. Since there are rarely any training programs jointly organized by two universities sharing the same objective, there are expectations for its future development as an innovative trial. There are also programs for 2nd and 3rd year students with a focus on improving their proficiency in English, and on understanding the healthcare and welfare system in Denmark, respectively.

Dormitory for International Student

International students can stay in the staff dormitory. About a 10-minute walk to the campus.

- Security equipment at the front entrance
- Opened in 2011
- Single room
- With a bath, toilet, kitchen, refrigerator, microwave oven, air-conditioner, desk, bedding, TV set, and wired LAN.
In addition to the main hospital at Isehara campus, there are 3 branch hospitals in the Tokyo Metropolitan Area and Kanagawa Prefecture. The main hospital (804 beds) was established in Isehara City, Kanagawa in 1975, followed by Tokai University Tokyo Hospital (101 beds) in 1983, Tokai University Oiso Hospital (338 beds) in 1984, and Tokai University Hachioji Hospital (500 beds) in 2002. Students rotate around these four hospitals for clinical practice.