

表 1A 保有率の高いシミュレータ

シミュレータ	保有率 (%)	授業活用率 (%)
1 静脈採血・注射シミュレータ	97.3	82.2
2 呼吸音聴診シミュレータ	96.0	83.3
2 成人 BLS モデル	96.0	87.5
4 心音・心雑音聴診シミュレータ	94.7	90.1
5 血圧計 (実機)	93.3	92.9
5 縫合シミュレータ	93.3	80.0
7 AED トレーナー	92.2	85.5

表 1B 授業活用率の高いシミュレータ

シミュレータ	保有率 (%)	授業活用率 (%)
1 血圧計 (実機)	93.3	92.9
2 心音・心雑音聴診シミュレータ	94.7	90.1
3 成人 BLS モデル	96.0	87.5
4 AED トレーナー	92.0	85.5
5 呼吸音聴診シミュレータ	96.0	83.3
6 静脈採血・注射シミュレータ	97.3	82.2
7 外科手洗い用設備	54.7	80.5
8 縫合シミュレータ	93.3	80.0

要があろう⁵⁾。

謝 辞

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国際基準に基づく 医学教育認証評価制度の発足

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2010年9月、全国医学部にショッキングなニュースが駆け巡った。

アメリカ・カナダ以外の医学部出身者に対してアメリカで医業を行うための資格を審査するEducational Commission for Foreign Medical Graduates (ECFMG)が、申請条件として“2023年以降は国際的な認証評価を受けている医学部出身者に限る”との通告を全世界に発信したのだ(<http://www.ecfmg.org/about/initiatives-accreditation-requirement.html>)。いわゆる“2023年問題”である。

この通告を受け、全国医学部長病院長会議では2011年に“医学教育の質保証検討委員会”を発足させ、著者が委員長となって検討を開始した。また、平成24年度文部科学省大学改革推進委託事業(GP)による“国際基準に対応した医学教育認証制度の確立”が採択され、東京医科歯科大学を事業責任校として東京大学、千葉大学、新潟大学、東京慈恵会医科大学、東京女子医科大学が連携校となり、医学教育認証評価制度の確立に向けた研究を5年計画で行うこととなった。

わが国では、大学に対する機関別認証評価は、大学評価学位授与機構、大学基準協会、高等教育評価機構によって行われてきた。しかし、分野別認証評価は法科大学院などごく一部にしかない。ECFMGの通告を契機に、わが国における医学教育の全体的な質保証を目的に、国際的に通用する医学教育の認証評価制度を発足させることとなった。

海外諸国における認証評価制度

ECFMGの通告には、“アメリカ国民の健康を守るには、質の保証された医学教育を受け、コンピテンシーが担保された医師にしか医業を任せられない”との大義名分がある。グローバル化が進み、

医師が国家間を自由に往来できる現状を憂慮したわけである。一方では質が担保された有能な医師にどしどし活躍してもらい、医療の質を高めてもらいたいとの思惑もあろう。

医学教育の認証評価制度が確立した国は多い。アメリカ、イギリス、オーストラリアなど欧米先進諸国はもちろんのこと、韓国、台湾、マレーシア、タイなど近隣アジア諸国でも10年以上も前から認証評価が実施されている。この意味ではわが国は明らかに後塵を拝しており、一刻も早い国際基準に基づく認証評価制度の確立が急がれよう。

わが国における認証評価制度の発足

国際的に認められる医学教育認証評価制度として、2つの必須要件がある。

第1は政府・全医学部によって認知された公的認証評価機関の組織化である。そこで文科省GPでの研究と同時に、全国医学部長病院長会議や日本医学教育学会などとの協力により日本医学教育認証評価評議会(Japan Accreditation Council for Medical Education: JACME)を発足させ、認証評価制度確立の検討を開始した。この間、大学機関別認証評価を担当している機関とも協議を重ね、公正かつ厳正な認証評価制度を立ち上げるべく準備を行ってきた。まずはJACMEの存在を国際的に発信していくことが必須要件をクリアするうえで重要と考える。

2つ目は国際基準に則った認証評価を実施することである。この目的には日本医学教育学会“分野別認証検討委員会”が中心となり、WFMEのグローバルスタンダードを日本の実状に合わせて改変し、国際的に適用する評価基準を策定した(<http://jsme.umin.ac.jp/ann/jmse-an-120624-WFME.html>)。

認証評価制度のあり方

諸外国における認証評価制度は基本的にはつぎの構成からなり、JACMEも同様なスタイルでの認証評価制度を計画している。

- ① 自己点検評価(self-evaluation)
- ② 自己点検評価の認証評価委員による査読、文書での質問

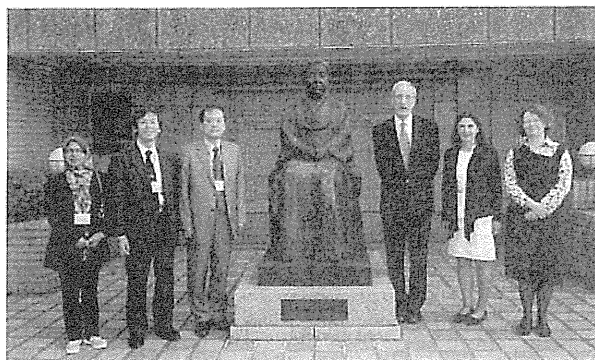


写真 東京女子医科大学における国際外部評価委員
左から Nabishah Mohamad(マレーシア), 著者(日本),
Ducksun Ahn(韓国), Michael Field(オーストラリア),
Terry Wolpaw(アメリカ), Theanne Walters(オーストラリア), 敬称略。

- ③ 認証評価委員による現地調査(site-visit)
- ④ 評価結果報告・認証
- ⑤ 認証評価に基づく各医学部での改善

認証評価は、定められた評価基準に沿って各医学部が自己点検することから、スタートする。医学教育の質を保証するうえでもっとも基本かつ重要なのは、各医学部が自主的に自己点検評価を行うことにある。よい点は堂々と公開し、改善すべき点は自ら改革することにある。外部の認証評価委員に指摘されるまでもなく、改善すべき点は自主的に改善する姿勢が尊重される。

自己点検評価資料は JACME に送られ、JACME 委員が査読する。査読後に JACME から医学部に聞きとりを行ったり追加資料を求める。さらにその後外部評価者チームが現地調査を行う。外部評価者チームは、JACME 委員に利害関係のない医学部教員も加え、総勢で 6~7 名から編成される。委員数を増やすことで、より公正な外部評価が期待できることとなる。

外部評価では教育担当者、教員、学生、研修医などと面談し、質疑を行う。講義や実習を見学したり、教育病院や研究施設なども視察する。こうして医学部で国際基準に準拠して適正に教育され、成果があげられているかどうかの判定が行われる。

最終的には JACME が外部評価者チームの最終報告を参考に、認証を行う。評価結果は原則としてホームページ等で公開する。透明性を保つことで、公正な認証評価が担保されることになる。

進捗状況と今後の方針

認証評価制度の発足に重要な役割を果たしたのが 2012(平成 24)年 10 月 29 日~11 月 2 日に行われた東京女子医科大学における国際外部評価である。世界医学教育連盟(World Federation for Medical Education: WFME)の西太平洋地区支部(Association for Medical Education in Western Pacific Region: AMEWPR)から 5 名の外部評価委員を招き、著者も委員として加わり、計 6 名で外部評価を実施した(写真; <http://www.twmu.ac.jp/news/news-u-all/798-2012-11-29-05-51-43.html>)。この経験を土台に、順次 JACME による認証評価を受審希望医学部に広げていく方針である。

認証評価の目的は、医学部の序列化でも差別化でもない。国際グローバル化に対応すべく、全国レベルで医学教育の質を向上させるのが目的である。全医学部、行政機関、医療関係者のご理解・ご協力を仰ぎたい。

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日本語診療能力調査にかかる英語資料（2014年3月現在）

Certification of Eligibility to Take the National Examination for Medical Practitioners

For a person to take the National Examination for Medical Practitioners in Japan, who has graduated from a medical college (faculty of medicine) or who has acquired a medical practitioner's license in a foreign country, certification from the Ministry of Health, Labour and Welfare is required by the Medical Practitioners Act. Certification of eligibility to take the examination and the review method shall be as follows:

- In recent years, advertisements have been created to induce entrance to medical schools in foreign countries by showing that their students would be certified by the Japanese Ministry of Health, Labour and Welfare as eligible to take the National Examination for Medical Practitioners of Japan after graduation. However, the Ministry of Health, Labour and Welfare reviews the individual ability and education of each applicant who graduated from a foreign medical school after applying for certification for eligibility to take the National Examination for Medical Practitioners. That is, the Ministry never gives automatic certification of any graduate's eligibility from the faculty of medicine of overseas medical schools to take the National Examination for Medical Practitioners.
- Therefore, please be aware that it is highly likely that one's eligibility to take the National Examination for Medical Practitioners of Japan may not be certified after graduation from a foreign medical school, unless all the criteria noted below are fulfilled.

1. Person Subject of Review

A person who has graduated from a medical school in a foreign state or a person who has acquired a medical practitioner's license in a foreign state.

2. Review Method

As a result of the review, (1) eligibility to take the National Examination for Medical Practitioners is certified; or (2) eligibility to take the National Preliminary Examination for Medical Practitioners is certified; or (3) neither of the above is certified.

(1) Certification of Eligibility to Take the National Examination for Medical Practitioners

Eligibility to take the National Examination for Medical Practitioners shall be certified for the person who has satisfied the certification standards for both the documentation review and the investigation of the ability to provide medical care in Japanese.

Documentation Review (Closing Date of Application: March 31 or July 31)

↓

Investigation of the ability to provide medical care in Japanese (from approximately October to November)

↓

Certification of eligibility to take the National Examination for Medical Practitioners

↓

National Examination for Medical Practitioners (approximately February)

(2) Certification of Eligibility to take the Preliminary Examination for the National Examination for Medical Practitioners

Certification of eligibility to take the preliminary examination for the National Examination for Medical Practitioners shall be granted to the person who satisfies the certification standards for documentation review. The person who is certified to take the preliminary examination for the National Examination for Medical Practitioners may take the preliminary examination for the National Examination for Medical Practitioners and take the National Examination for Medical Practitioners after passing the preliminary examination and completing his or her internship of medical care and public health for at least one (1) year.

Documentation Review (Closing Date of Application: July 31 or March 31)

↓

Certification of Eligibility to Take the National Preliminary Examination for Medical Practitioners

↓

The National Preliminary Examination for Medical Practitioners (from approximately June to November)

↓

At least one (1) and more year of internship

↓

National Examination for Medical Practitioners (approximately February)

3. Certification Standards for Documentation Review

	Certification of Eligibility to Take the National Examination for Medical Practitioners	Certification of Eligibility to Take the Preliminary Examination for the National Examination for Medical Practitioners
Years of Study at Foreign Medical Schools		
Entrance Qualification for Medical School	Above high school graduate (12 years or over of formal education)	
Years and hours of study in medical school. Note that Master's and Doctoral courses, etc., in graduate school should not be included.	A person received a consistent education of at least 6 years (Liberal Arts Course: 2 years or over; Professional Course: 4 years or over and a minimum of 4,500 hours of formal study in total) provided, however, that where the course is offered for five (5) years, if the person received a consistent professional education of 5,500 hours or over, the person shall be deemed to satisfy the standards.	5 years or over (Professional Course: at least 4 years)
Total years of study until	18 years or over	17 years or over

graduation from medical school		
Years after graduation from medical school	Within 10 years (provided, however, that the period of being engaged in medical education or medical profession shall be excluded)	
Academic performance of professional subjects	Satisfactory	
Educational Environment	The conditions of a university hospital and the number of faculty is recognized as similar to those in Japanese universities.	The conditions of a university hospital and the number of faculty is not inferior to those in Japanese universities.
Judgment of the government of the country	It is generally reported to the World Directory of Medical Schools of WHO	
Whether medical practitioner's license was acquired after graduation from a medical school	To have acquired	Not required to have acquired
Japanese Proficiency	A person who did not graduate from junior high school and high school in Japan must have been certified for Japanese-Language Proficiency Test N 1 (Japanese-Language Proficiency Test Grade 1, the certification category valid until December 2009 is also effective)	

4. Application Documentation

The following application documentation shall be submitted to the Office of National Examinations and Licenses, Medical Professions Division, Health Policy Bureau, the Ministry of Health, Labour and Welfare. Submission ends on March 31 and July 31 of each year, at which time the documentation review shall be conducted.

- (1) Application for Certification of Eligibility to take the National Examination for Medical Practitioners [[Form Example 1](#) (45KB)].
- (2) Statement of Reasons for Application for Certification of Eligibility to take the National Examination for Medical Practitioners [[Form Example 2](#) (36KB)].
- (3) CV [[Form Example 4](#) (WORD:70KB)(PDF:59KB), [Entry Manual](#) (93KB)] (For academic career, enter the Gregorian calendar year of entrance and graduation from each school in equivalent to its Japanese counterpart, from elementary to medical school. If the years of study from elementary to high school are fewer than 12, a document of explanation shall be attached. Professional career shall be described in as much detail as possible.)
- (4) Resident Card or Foreign Resident Card (including the registration certificate that is deemed to be a Foreign Resident Card by the transitional measures under the Act amending Part of Immigration Control and Refugee Recognition Act and the [Special Act on the Immigration Control of, Inter Alia, Those who have Lost Japanese Nationality Pursuant to the Treaty of Peace with Japan](#) (Act No. 76 of 2009) or a certified copy of extract of family register or family register (limited to those who have Japanese Nationality).
- (5) Medical certificate [[Form Example 4](#) (109KB)] (from a doctor possessing a Japanese medical license within one (1) month of application).
- (6) Photo [[Form Example 5](#) (38KB)] (3 photos taken within 6 months of the application, front upper body without hat: 6×4cm).
- (7) A copy of medical practitioner's license acquired in a foreign country.
- (8) A copy of the graduation certificate or certificate of graduation of the foreign medical school from which the applicant graduated.
- (9) A copy of the academic performance certificate by calendar year or an original certificate of academic performance by calendar year by the foreign medical school from which the applicant graduated.
- (10) Documentation clarifying the academic courses and number of hours of study in each course at ~~classes of~~ the foreign medical school from which the applicant graduated.
- (11) For a person who acquired medical practitioner's license in a foreign country, excerpts of the related provision of that country's laws which constitute the grounds by which the medical practitioner's license was granted.
- (12) A person who did not graduate from junior high school and high school in Japan shall submit a copy of certification of Japanese-Language Proficiency Test N 1 and performance certificate or documentation related to the certification results of Japanese-Language Proficiency Test N 1 and performance.
- (13) In addition to the documentation set forth in (1) to (12) above, documentation that might be required to submit, as appropriate.

[1] Current conditions of the facilities of the foreign medical school from which the applicant graduated. [[Form Example 6](#) (54KB)]

(generally completed by the school).

[2] A pamphlet or catalogue of the foreign medical school from which the applicant graduated.

* Matters of note for preparation of necessary documents

- (1) Submit one copy of documentation.
- (2) Attach Japanese translations to all attached documentation stated in foreign languages (except for item[2] of (13)).
- (3) For items (7),(8),(9), and (10), submitted and [1] of (13), submitted documentation and Japanese translations shall be confirmed by a public agency (the embassy, consulate, or foreign ministry, etc. of the country) that they are true, and the certificate shall also be submitted.
(Please note that the embassy and consulate of the country does not mean Japanese embassy and consulate located in foreign countries.)
- (4) Documentation for items (7), (8), (9) and (12) shall be submitted in original form (the originals shall be returned after verification).
- (5) The applicant must apply for certification in person. Application by mail or by an agent shall not be accepted.
To visit the Office of National Examinations and Licenses, please schedule an appointment with the staff in advance. Please be aware that the Office may not be able to accommodate you if you have no appointment.

5. Investigation of Japanese Medical Care Ability

An investigation shall be made to determine whether the applicant has sufficient ability to provide medical care in Japanese.

(1) Evaluation Item

Consultations with patients who developed major symptoms that are common in everyday medical care and descriptions and explanations of the medical care shall be made, and two investigators shall evaluate by four grades (3~0) in each of the following fields:

a) Listening Ability

Whether the applicant can listen to the conversations of patients and medical staff and understand the content correctly.

b) Speaking Ability

Whether the applicant can correctly explain the medical care information to patients, and medical staff and obtain their understanding.

c) Writing Ability

Whether the applicant can prepare basic medical records in Japanese.

d) Reading Ability

Whether the applicant can read aloud and have a correct understanding of medical terms used in Japan.

e) Diagnostic Ability

While giving specific explanations to patients, whether the applicant can observe the physical conditions properly and can explain the findings to the medical staff properly.

(2) Evaluation Category

3..... Equivalent to those who received medical education in Japanese.

2..... Although the applicant has some difficulties, medical care will not be compromised.

1..... Although the applicant has difficulties in general, the applicant can overcome the problems with great effort.

0..... There are problems in medical care, such as the danger of misunderstanding, etc.

(3) Other

A person who has satisfied the standards in the documentation review but fell below the standards in testing the ability of Japanese medical care, may receive certification of eligibility to take the preliminary examination for the National Examination for Medical Practitioners.

6. Examination Subjects contained in the National Preliminary Examination for Medical Practitioners (Reference)

(1) Examination Part 1

Anatomy (including histology), physiology, biochemistry, immunology, pharmacology, pathology, forensic medicine, microbiology (including parasitology), and hygiene (including public hygiene)

(2) Examination Part 2

(a) Written Examination

Internal medicine, pediatrics, psychology, surgery, orthopedics, obstetrics and gynecology, dermatology, urology, otorhinolaryngology, ophthalmology, radiology, and emergency medicine (including anesthesiology)

(b) Practical Examination

Internal medicine, surgery, obstetrics and gynecology, pediatrics and emergency medicine (including anesthesiology)

7. Procedures and Contact Information

〒100-8916 1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo

Office of National Examinations and Licenses, Medical Professions Division, Health Policy Bureau, Ministry of Health, Labor and Welfare

Tel 03-5253-1111 (Key)

Application for Certification of Eligibility to take the National Examination

Date:

To: Minister of Health, Labour and Welfare

I hereby apply for certification of eligibility with the related documentation attached to take the _____ National Examination.

Name:

Seal

(Male/Female)

Date of Birth:

Nationality (Domicile):

Name of Medical School, date of graduation, and degree awarded:

Study Period: (From yyyy mm to yyyy mm)

Whether I hold a foreign license: [Yes (acquired as of yyyy mm) / No]

Present Address: 〒

TEL:

Contact: 〒

TEL:

(Relationship)

Statement of Reasons for Application for Certification of Eligibility to take the National Examination

Name:

(Male/Female)

Nationality (Domicile):

The reasons for applying for certification of eligibility to take the _____ National Examination are as follows.

Reasons for Application (please be specific)

(1) Purpose

(2) Necessity

(3) Future Plans

Name	* The same as in the family register or alien registration certificate				
Date of Birth	Year 19	Month	Date	Age	(as of the application date)
Nationality (Country) or Domicile (Prefecture)				Resident Status	
Contact (Mailing Address)	Address				
	TEL:				
	E-mail:				
Academic Career Enter in the Gregorian calendar year from entrance in the school equivalent to Japanese elementary school to graduation of medical school	Year	Month	~ Year	Month	
	19		~ 19		
			~		
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Professional Career, etc.			~		
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			~		
			~		
			~		
			~		
			~		
Present Status					

[Example]

Reference Number

Name	(Ex.) Taro Koro *1 * The same as in the family register or alien registration certificate				
Date of Birth	Year 1972	Month 4	Date Δ	Age ○○ (as of the application date)	
Nationality (Country) or Domicile (Prefecture)	(Ex.) Korea *2 (Ex.) Toyama Prefecture		Resident Status	(Ex.) Foreign Student *If you have Japanese nationality, entry not required	
Contact (Mailing Address) *3	Address	XX, XXX-machi, XXX-shi, XX Prefecture			
	〒000-0000	*Address in a foreign country may be acceptable, but mail must be delivered			
	TEL: (000) 000-0000 *Multiple numbers may be entered (home, mobile, workplace, etc.)				
E-mail: XXX@XXX.XXX.XX					
Academic Career Enter in the Gregorian calendar year from entrance in the school equivalent to Japanese elementary school to graduation of medical school *If the years of study differ from typical years due to a leave of absence or repeating the same year, so explain.	Year	Month	~ Year	Month	
					(Ex.)
	1984	4	~ 1987	3	XXXX Elementary School
	1988	4	~ 1990	6	YYY Elementary School in ZZ Country
			~		(Transferred in the 3 rd grade)
	1990	9	~ 1993	6	XX Junior High School in YY Country
	1993	9	~ 1996	6	XX High School in YY Country
	1996	7	~ 2003	6	XX Medical College, Faculty of YY
			~		(Leave of absence from school from July 1999 to June 2000)
	2005	9	~Present		XX Medical College, Faculty of YY, Graduate School, ZZ Major, AA Course
		~			
		~			
		~			
Professional Career, etc. *The exact job description must be clearly stated.	2003	7	~ 2004	6	XX Hospital, YY Department, Intern
	2004	7	~ 2005	6	XX Hospital, YY Department, Intern
	2006	4	~ Present		Part-time work at XX Corporation (assistant to statistics of clinical study)
			~		
			~		
			~		
			~		
			~		
Present Status	(Ex.) Enrolled in XX Course at Graduate School of Faculty of YY of ZZ Medical College (AA Scholarship) Worked as a doctor at XX Department of YY Hospital * Enter briefly so that affiliation, major activities, and means of income can be recognized.				

* 1 You may enter in a font suitable for computer input, including the font set forth in () of the alien registration certificate.

* 2 The country name shall be the same as that set forth in the alien registration certificate.

* 3 If your contact information changes after the application, you must notify the staff of the Office of National Examinations and Licenses.

Medical Certificate

Name			Male	Female
Date of Birth	Taisho Showa yy mm dd Heisei	Age	years old	

I diagnosed the above person as follows.

1. Vision impaired Not impaired

Where pertinent, if there is auxiliary (or alternative) means, please provide details (be as specific as possible).

2. Hearing impaired Not impaired

Where pertinent, if there is auxiliary (or alternative) means, please provide details (be as specific as possible).

3. Voice and Language impaired Not impaired

Where pertinent, if there is auxiliary (or alternative) means, please provide details (be as specific as possible).

4. Mental Function Appears well Professional determination required

If determination by a professional is required, the name of diagnosis and the content of treatment the person is now receiving and the present conditions (be as specific as possible)

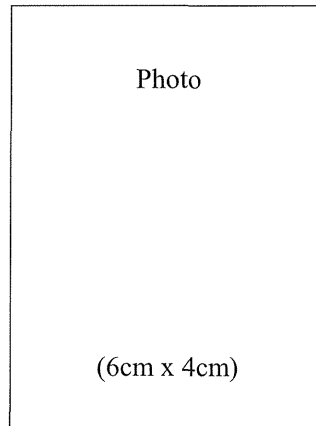
1. Intoxication by drugs, hemp or opium

No Yes

Date of Diagnosis	Heisei yy mm dd	* For details, an exhibit may be attached.
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The name of the doctor	Name of the hospital, clinic, or Long-Term care health facility, etc.	
	Address	TEL
	Name (License number)	Seal

Photo



Name: _____

Date of Birth: _____

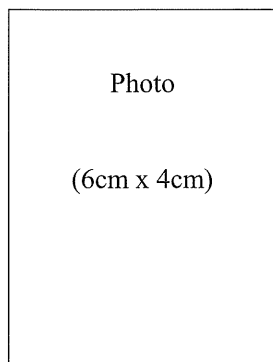
Nationality (Domicile): _____

Address: _____

TEL: _____ () _____

Name of the medical school from which graduated: _____

Photo (Original)



Name: _____

Date of Birth: _____

Nationality (Domicile): _____

Address: _____

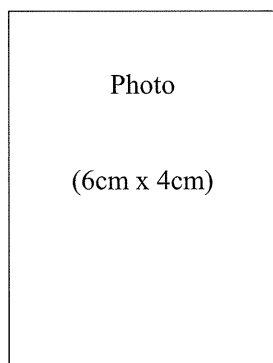
TEL: _____ () _____

Name of the medical school from which graduated:

(For office use only)

Certified: Heisei yy mm dd

Photo (Copy)



Name: _____

Date of Birth: _____

Nationality (Domicile): _____

Address: _____

TEL: _____ () _____

Name of the medical school from which graduated:

(For office use only)

Certified: Heisei yy mm dd

アメリカにおける医学教育と医師国家試験制度

アメリカにおける医学教育と医師
国家試験制度
(USMLE&ECFMG)

東京医科歯科大学
医歯学教育システム研究センター

奈良 信雄

1. アメリカにおける
卒前～卒後医学教育

米国における卒前・卒後医学教育
に関わる組織

- 試験組織 (Testing Organizations)
- 認定組織 (Certifying Organizations)
- 認証組織
(Accrediting Organizations)
- 免許組織 (Licensure Organizations)
- 医師、教育機関会員組織
(Membership Organizations)

試験に関わる組織 (Testing Organizations)

- AAMC (Association of American Medical Colleges) — MCAT (Medical School Admissions Testing) を施行
- NBME (National Board of Medical Examiners) — FSMB (Federation of State Medical Boards) と共同で National Board Examinations (United States Medical Licensing Examination: USMLE) を施行

認定に関わる組織 (Certifying Organizations)

- ECFMG (Educational Commission for Foreign Medical Graduates) — アメリカで臨床研修を希望する外国人医師に対して研修資格を認定
- ABMS (American Board of Medical Specialties) — 専門医の認定

認証に関わる組織 (Accrediting Organizations)

- LCME (Liaison Committee on Medical Education) — 医学校を認証。
- ACGME (Accreditation Council for Graduate Medical Education) — 卒後研修プログラムの認証
- ACCME (Accreditation Council for Continuing Medical Education) — 生涯教育プログラムの認証

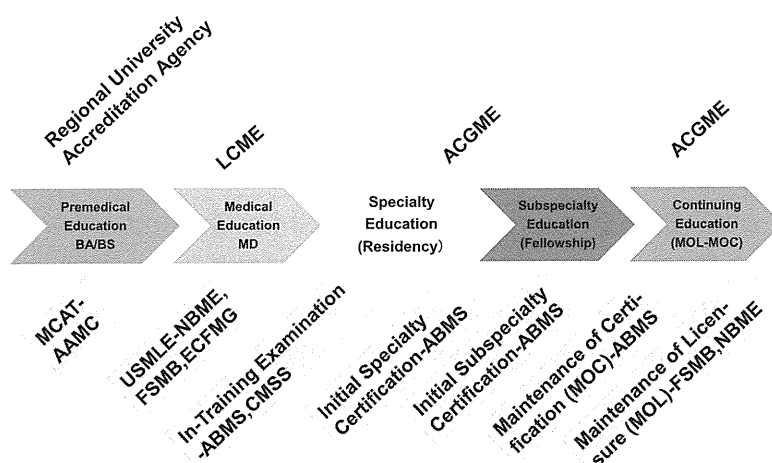
免許に関わる組織 (Licensure Organizations)

- 州免許局
- FSMB (Federation of State Medical Boards) — 連邦免許局

医師、教育機関会員に関わる組織 (Membership Organizations: *selected*)

- 医師:
 - AMA (American Medical Association) —
すべての専門科
 - CMSS (Council of Medical Specialty Societies)
— それぞれの専門科;
American College of Physicians,
American College of Surgeons, etc.
- 教育機関:
 - AAMC (Association of American Medical
Colleges) — すべての医学校
 - AHA (American Hospital Association) —
病院

卒前・卒後教育プログラムの認証 (Accreditation)



医学教育における個人の認定 (Certification)

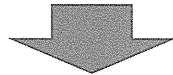
2. ECFMG (Educational Commission for Foreign Medical Graduates)

ECFMGの趣旨

- 米国／カナダ以外の国で医学教育を受けた者に対する資格認定：
 - ・ACGMEによって認証された米国の臨床研修プログラム (residency & fellowship) を受けた者
 - ・USMLE step 3 受験希望者
 - ・米国で医師免許を取得したい者

ECFMGの申請要件

- Foundation for Advancement of International Medical Education and Research (FAIMER) の *International Medical Education Directory (IMED)* に登録されている医学部を卒業していること。



2023年以降は、アメリカ医学校の認証委員会である Liaison Committee on Medical Education (LCME) か、国際的に認められた認証組織、たとえば World Federation for Medical Education (WFME) によって認証を受けた医学部で教育を受けた者でなければ申請資格を与えない。

改善を要する緊急課題＝臨床実習 のあり方

- USA・・・臨床実習72週以上(州法)
Clinical Clerkship: 学生はStudent Doctorとして
実務を体験・・・実務を体験していない者に実務を任
せられない!!
- わが国は??・・・2023年にECMFGの申請資格として
、LCMEまたはWFMEの基準で認証を受けた医学
部卒業が要件。WEMEの基準では医学教育カリキュラ
ムの1/3以上を臨床実習にあてる必要がある。

The major LCME accreditation standard that relates to clinical clerkship: Standard ED-15. The curriculum of a medical education program must prepare students to enter any field of graduate medical education and include content and clinical experiences related to each phase of the human life cycle that will prepare students to recognize wellness, determinants of health, and opportunities for health promotion; recognize and interpret symptoms and signs of disease; develop differential diagnoses and treatment plans; and assist patients in addressing health related issues involving all organ systems.

Annotation: It is expected that the curriculum will be guided by the contemporary content from and the clinical experiences associated with, among others, the disciplines and related subspecialties that have traditionally been titled family medicine, internal medicine, obstetrics and gynecology, pediatrics, preventive medicine, psychiatry, and surgery. Clinical clerkships at US medical schools typically take place in the third and fourth years of the four-year medical education program. Required clinical clerkships typically take place in the third year, and a combination of required clerkships and other clerkships selected by the student (“electives”) take place in the fourth year. Although there is no rule about the length of the third year, many schools have approximately 48 weeks of required clinical clerkships in the third year and approximately 40-42 weeks of both required and elective clerkships in the fourth year.

Stanford大学 第1学年 秋季	冬季	春季
基礎医学(1)	基礎医学(2)	健康と疾病(1)
・細胞学、組織学 ・遺伝学	・神経学	・呼吸器病学
・分子医科学 ・成長発達	・免疫学	・循環器病学
・病態発生	・頭頸肉眼解剖学	
・肉眼解剖学	・器官系統学入門	
臨床技能実習(1)	臨床技能実習(2)	臨床技能実習(3)
選 択 臨 床 研 究 (beyond core curriculum)		
第2学年		
健康と疾病(2)	健康と疾病(3)	臨床技能実習(6)
・腎/泌尿器科学	・脳、行動学	クリニカルクラークシップ(CC)前教育
・消化器科学	・血液学	4月
・皮膚/内分泌学	・感染症学	5月
・女性診療学		集中的CC前準備
		USMLE用学習
臨床技能実習(4)	臨床技能実習(5)	CC開始
選 択 臨 床 研 究 (beyond core curriculum)		
第3, 4学年	クリニカルクラークシップ	
・内科、小児科、外科(各8週)・産婦人科(6週)・家庭医療、精神科、神経内科、救急科(4週)		
、他:救命救急実習(8週)、前インターンシップ ・選択制:脳外科など		
TRANSLATING DISCOVERIES		
選 択 臨 床 研 究 (beyond core curriculum)		

ネバダ大学カリキュラム

1年次	2年次	3年次	4年次
*解剖学	地域医療	臨床医学入門	クリニカル
+発生理学(通年)	病理学(通年)	臨床推論	クラークシップ
*組織学	微生物学	(家庭医学、内科、 小児科)	・必須 地域医療
臨床推論1(通年)	臨床推論2(通年)	クリニカルクラークシップ	
*人間行動学	精神医学	家庭医学:6W	・選択制
医倫理学	*分子遺伝学	内科:12W	★家庭医学、
医事法制		産婦人科:6W	内科、小児科
*生化学		小児科:6W	系領域:
患者ケア入門1	患者ケア入門2	外科:6W	★外科または
(preceptorがつく)	(preceptorがつく)	精神科:6W	産婦人科系
*医科細胞生物学	*薬理学		8W
*神経科学			★自由選択
医栄養学			12W
系統的生理学			

* 基礎医学でも臨床に基づく
その他は臨床医学

ECFMG資格認定試験

- USMLE step 1、step 2 CK:日本でも受験可能。
 - USMLE step 2 CS:アメリカ国内で受験(Atlanta, Chicago, Houston, Los Angeles, Philadelphia)。
- ※従来のTOEFLE、CSAは不要

Japanese Medical Graduates Certified by ECFMG 2000-2010

YEAR	Japanese Citizens*	Graduates of Japanese Medical Schools
2000	30	31
2001	37	37
2002	33	30
2003	68	65
2004	36	35
2005	81	83
2006	78	76
2007	66	67
2008	55	56
2009	72	68
2010	69	63

* Citizenship is at the time of entry into medical school