



***MONITORING PROCEDURE
FOR THE ACCREDITATION OF FOREIGN TRAINING SITES
INVOLVED IN HUNGARIAN MEDICAL EDUCATION
2015***

HAC RESOLUTION 2015/7/VIII/2

***ACCREDITATION REPORT ON THE
DOKKYO MEDICAL UNIVERSITY HOSPITAL (Mibu-machi, Tochigi),
JUNTENDO UNIVERSITY HOSPITAL (Tokyo),
and
NATIONAL CENTER FOR GLOBAL HEALTH AND MEDICINE (Tokyo),
as medical training sites in Japan for Hungarian medical education***

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The site visit took place on **July 20-23, 2015**

September 25, 2015

The visiting team, composed in accordance with the regulations set down in **HAC Resolution 2010/10/VI** and under consideration of the accreditation criteria set down in said resolution, has conducted a site visit to the training sites. In the visit, the team inspected those wards that conduct medical care in the areas in which sixth-year students receive training: *internal medicine; surgery; neurology; psychiatry; obstetrics and gynecology; and pediatrics*. The training program was discussed with the heads of the wards as well as the head of the hospital.

In the course of the evaluation the visiting team considered the HAC accreditation requirements as well as the following:

- a.) Is the evaluated institution an accredited teaching hospital for a medical university in Japan? If yes, which university?
- b.) How many physicians in the reviewed departments have faculty positions at a medical school in Japan?
- c.) How many weeks does the evaluated ward or department spend with training of medical students? (How many groups conduct the training and in how many rotations, how much free capacity do they have?)
- d.) The results of student feedbacks.
- e.) The patient-bed capacity of the evaluated ward or department and the capacity of surgeries and other service facilities.

I.

Dokkyo Medical University Hospital (<i>Mibu-machi, Tochigi, Japan</i>)	Accreditation decision
	HAC RESOLUTION 2015/7/VIII/2 A (accredited) On condition that the accreditation criteria continue to be met throughout, the accreditation of the hospital training site is granted until September 25, 2020 Over one third of the hospital units have been accredited, therefore the hospital is granted the title of Accredited Teaching Hospital .

Compliance with the accreditation requirements:

1. *Dokkyo Medical University Hospital* is an **accredited training center in Japan**, which participates in the education of medical students. The university and its clinic (both private institutions) trains some 700 medical students at one time (roughly 110-120 students/year over six years). Both institutions operate under the umbrella of *Dokkyo Academic Institutions Inc.*, where the *Medical School* is one of several faculties. Almost all of the physicians at Dokkyo Medical University Hospital teach at the Dokkyo Medical School, which underscores the academic character of the training. The university hospital is dispersed over several locations at various distances from Tokyo. The center is in Utsunomiya, 120 km from Tokyo.
2. Dokkyo Medical University Hospital, more specifically the departments being the subjects of this review, **filled out the accreditation questionnaire**, on the basis of which it can be said that this is an institution with a **large number of patients** and where **highly qualified physicians conduct medical practice** (1167 beds, 586 000 outpatients/year, 373 176 inpatients/year).
The details, regarding number of beds per ward, physicians per ward, etc., can be found in the filled-out questionnaires. Based on the accreditation questionnaires the following hospital wards are in compliance with the HAC criteria: *internal medicine; surgery; neurology*.
3. In the interviews with the heads of the hospital wards it became evident that they, and the physicians under their charge, are **regularly involved in medical student training** and that the hospital has its **own resident-training program** in which the heads of the main clinical subjects participate (in the present case three wards were inspected).
The HAC was also able to conclude that the heads of the wards are **physicians who are renowned in Japan** and therefore the quality of the training cannot be questioned. **Each ward or department has over three specialists (with over 15 specialists)** as well.
4. In the three fields mentioned above the academic requirements and list of competences required for the diploma have been agreed on with the heads of the institutes and the HAC concurs that the **hospital is able to ensure the fulfillment of the requirements set down** in the documents.
5. For the examination of the infrastructure of the training the expert team visiting the sites reviewed not just the wards but also the diagnostic departments of the hospital in detail.
The facilities **fulfill the requirements** and are actually of particularly high quality, and the variety and volume of diagnostic equipment is impressive, especially in the areas of neurology and neurosurgery, where neurophysiological research has led to pioneering breakthroughs and where they have successfully conducted surgery on epilepsy and Parkinson's patients. The equipment includes five MRs, two gamma knives, a da Vinci surgical system, 320 detector CTs, and have an outstanding surgery center to cover a regional spread of some 2 million potential trauma patients (51 emergency cases on average, with their own helicopter rescue service).
6. During the site visit the experts met five medical students in their fifth year who described their clinical training in detail. In the discussion it became evident that training is conducted along very similar principles as that in Hungary and that the university has an extensive exchange program with Germany (Münster) and the U.S.A. (San Diego and Los Angeles). Students can evaluate their lectures in the teaching feedback system. Most evaluations are positive, and teachers are eager to take note of critical remarks. The students welcomed the possibility for international student exchange and expressed their willingness to participate together in the training and in the weekend and night duties, at which students also participate, together with the Japanese students studying in Hungary.

7. Based on the site visit, accreditation may be granted to the following units at *Dokkyo Medical University Hospital*:
- a. **internal medicine**
 - b. **surgery**
 - c. **neurology**

Based on the requirement that **at least one third of the departments should be accredited** is fulfilled, the institution is awarded the title of *accredited teaching hospital*.

II.

Juntendo University Hospital (Tokyo, Japan)	Accreditation decision
	<p>HAC RESOLUTION 2015/7/VIII/2</p> <p>A (accredited)</p> <p>On condition that the accreditation criteria continue to be met throughout, the accreditation of the hospital training site is granted until</p> <p style="text-align: center;">September 25, 2020</p> <p>Over one third of the hospital units have been accredited, therefore the hospital is granted the title of Accredited Teaching Hospital.</p>

Compliance with the accreditation requirements:

1. *Juntendo University Hospital* is an **accredited training center in Japan**, and as a part of the medical school established in 1838 by the same name, participates regularly in the education of medical students. It ranks 12-14th in Japan from among Asian universities. All of Juntendo University Hospital physicians are affiliated with the university's medical school. It is of note that Juntendo University conducts medical training on the postgraduate level also in English. At present, there are 723 students enrolled in the medical school.
2. Juntendo University Hospital, more specifically the departments being the subjects of this review, **filled out the accreditation questionnaire**, on the basis of which it becomes clear that this is an **institution with a large number of patients** and where **highly qualified physicians conduct medical practice**. The details, regarding number of beds, physicians, etc., can be found in the filled-out questionnaires. Based on the accreditation questionnaires the following hospital wards are in compliance with the HAC criteria: *internal medicine; surgery; neurology; psychiatry; obstetrics and gynecology; and pediatrics*.
3. In the interviews with the heads of the hospital wards it became evident that they, and the physicians under their charge, are **regularly involved in medical student training** and that the **hospital has its own resident-training program** (there are currently 53 residents), in which the heads of the six main clinical subjects participate. The HAC was also able to conclude that the heads of the wards are **physicians who are renowned in Japan** and therefore the quality of the training cannot be questioned. It is worth noting that the Emperor of Japan has undergone open heart surgery at Juntendo University Hospital recently. **Each ward or department has over three specialists** as well. Internal medicine and surgery are especially notable in this respect, with 115 specialist in the internal medicine wards combined (minimum 14 specialists per ward), and 31 specialists in the surgical wards, with the most modest number of specialists in psychiatry (eight) and obstetrics-gynecology (seven).
4. In the six fields mentioned above the academic requirements and list of competences required for the diploma have been agreed on with the heads of the institutes. The HAC concurs that the **hospital is able to ensure the fulfillment of the requirements** set down in the documents.
5. For the examination of the infrastructure of the training the expert team visiting the sites reviewed not just the wards but also the diagnostic departments of the hospital in detail. In the customary high-tech environment of Japan, three CTs and two MRIs were available in the building for diagnostics. The imaging labs were similarly well equipped in the other large building of the hospital. The facilities of the hospital wards are especially commendable. The hospital has considerable laboratory facilities enabling basic research, of which the pioneering research on the molecular mechanisms in Parkinson's disease is particularly noteworthy.

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6. In the course of the site visit the experts were able to meet with students who were doing their practice at the medical Simulation Center. They praised the education at Juntendo University Hospital. Bedside training takes place in groups of five, with no more than one group assigned to a ward and each student assigned one teacher who supervises the student’s practical training. Students are normally responsible for one or two patients in one-week blocks, during which they have to research all background information on the patients and, as they say, “*have to know the details about the patients better than the teacher*” if they want to get a passing grade. The grading system goes both ways, the students also evaluate their teachers, which is used to adapt the curriculum as needed. They all praised the quality of teaching. They also noted that students have the possibility to do night-duty, first of all in surgery.
7. Based on the site visit, accreditation may be granted to the following units at **Juntendo University Hospital**:
 - a. **internal medicine**
 - b. **surgery**
 - c. **neurology**
 - d. **psychiatry**
 - e. **obstetrics and gynecology**
 - f. **pediatrics**

Based on the requirement that **at least one third of the departments should be accredited** is fulfilled, the institution is awarded the title of **accredited teaching hospital**.

III.

National Center for Global Health and Medicine (NCGHM) <i>(Tokyo, Japan)</i>	Accreditation decision
	HAC RESOLUTION 2015/7/VIII/2 A (accredited) On condition that the accreditation criteria continue to be met throughout, the accreditation of the hospital training site is granted until September 25, 2020 Over one third of the hospital units have been accredited, therefore the hospital is granted the title of Accredited Teaching Hospital .

Compliance with the accreditation requirements:

After evaluating the questionnaires concerning the *National Center for Global Health and Medicine* there was doubt whether the hospital would comply with the training requirements even if the high level of medical care was evident. They seem to have misunderstood what training Japanese medical students studying in Hungary implied and did not attempt to harmonize the training cycles’ duration with the Hungarian requirements; the practice time was not in sync with the duration of the 6th year clinical rotations with only one to two-week turns offered. Meanwhile, additional information was made available to the expert team, from which it became clear that the hospital is the accredited training site for several Japanese universities, and they have adjusted the practice periods to our expectations. The statements below describe the conditions after the supplied information was reviewed.

1. *National Center for Global Health and Medicine (NCGHM)* is an **accredited training center of 5 universities in Japan** (*University of Tokyo, Keio University, Yokohama City University, Juntendo University, University of Nagasaki, Teikyo University*), and participates regularly in the education of medical students. In the past academic year NCGHM hosted 36 Japanese medical students’ training, the majority of them in their 5th and 6th years and who spent one to five weeks at the various wards. In addition, 421 Japanese students did practices of one-two days. About 10% of the physicians at NCGHM are visiting professors or of equivalent status at the universities mentioned above.
2. *NCGHM* more specifically the departments being the subjects of this review, **filled out the accreditation questionnaire**, on the basis of which it becomes clear that this is an **institution with a large number of patients** (in total 771 inpatients, 30-40 ambulance and on average 20 emergency cases per day), and where **highly qualified physicians conduct medical practice**. The details, regarding number of beds, physicians, etc., can be found in the filled-out questionnaires. Based on the accreditation questionnaires the following hospital wards are in compliance with the HAC criteria: *internal medicine; surgery; neurology; psychiatry; obstetrics and gynecology; and pediatrics*.

3. In the interviews with the heads of the hospital wards it became evident that they, and the physicians under their charge, are **regularly involved in medical student training** and that the **hospital has its own resident-training program**, in which the heads of the six main clinical subjects participate. The conclusion is that the heads of the wards are **physicians who are renowned in Japan** and therefore the quality of the training cannot be questioned. **Each ward or department has over three specialists** as well.
4. In the six fields mentioned above the academic requirements and list of competences required for the diploma have been agreed on with the heads of the institutes. The HAC concurs that the **hospital is able to ensure the fulfillment of the requirements** set down in the documents.
5. For the examination of the infrastructure of the training the expert team visiting the sites reviewed not just the wards but also the diagnostic departments of the hospital in detail. The facilities in the hospital wards are high-tech, the hospital building is a modern complex completed less than three years ago, and the infrastructure is state-of-the-art. One of the strengths of the hospital is the nephrology and dialysis center where, even by international standards, admirable results are achieved in dialysis treatment for chronic renal failure and patient survival rates. Excellent diagnostic imaging facilities assist the work of the hospital, and there is a multi-level, very well equipped intensive care network, including a dedicated general intensive care ward, High Care Unit, Stroke Unit, Neonatal Intensive Care Unit (NICU), Trauma Center, etc.
6. The evaluation team was able to meet with residents during the site visit, who were able to describe the teaching done at the hospital. The residents were unanimously positive in their appraisal with regard to both the attitude of the teachers and the infrastructure.
7. Based on the site visit, accreditation may be granted to the following units at *National Center for Global Health and Medicine (NCGHM)*
 - a. **internal medicine**
 - b. **surgery**
 - c. **neurology**
 - d. **psychiatry**
 - e. **obstetrics and gynecology**
 - f. **pediatrics**

Based on the requirement that **at least one third of the departments should be accredited** is fulfilled, the institution is awarded the title of *accredited teaching hospital*.

In summary, the evaluation team judges all three training sites to be of excellent quality and fully recommends the accreditation as training hospital for the three sites. The hospitals have different views on whether they prefer to receive students in groups or individually. Therefore the team recommends that the students apply for their training in a coordinated manner and in accordance with the hospital's preference.