

Progress in FY2023

1. Training skilled healthcare professionals

- Training physicians and nurses:
 - Domestic training for physicians:

A Cambodian physician received three months of clinical training at a medical institution in Cambodia. The content of the clinical training was mainly regarding anesthesia, and although there had been cases until now where physicians from Japan had visited Cambodia for anesthesia, now that this Cambodian physician is able to perform anesthesia procedures, more surgeries can be performed domestically.



- Participation in international academic conference of cancer by physicians and nurses:

Two local physicians and one nurse of Japan Heart participated in the St. Jude-VIVA Forum on Pediatric Oncology in Singapore. This forum is a place where pediatric tumor specialists in Asia gather and share their know-how and implement networking to fill the gap between advanced countries and developing countries. At the Nursing Symposium, nurses of Japan Heart presented their activities. It became an opportunity for them to discuss their activities using their own words and they learned a lot and were stimulated by the exchanges with many healthcare professionals.



- Employing radiology technicians: Regarding the recruitment of local technicians, we are mainly using SNS to conduct our recruitment activities, which is mainstream in Cambodia, and reach out to educational institutions and other organizations. In Cambodia, there are only a limited number of educational institutions that train radiology technicians, and since there are so few human resources in that particular field, it is very difficult to recruit personnel. We will continue to promote recruitment activities using various methods and consider matters such as in-hospital staff training.

2. Improvement of access to healthcare in rural areas

- Free mobile medical services: Mobile medical service was conducted seven times in Ponnell District and the surrounding area (an area which is a three-hour drive from the Japan Heart Children's Medical Center) and provided free medical treatments to 522 local people. Lifestyle-related illness were found with many patients who came for medical examination. Diagnoses, such as diabetes, high blood pressure, and gastroenteritis, were given and therapeutic agents were prescribed. They were encouraged to continue visiting local medical institutions. In addition, it was found that knowledge on pediatric nutrition management is lacking. There are children with smaller bodies than usual. Nutritional guidance is also provided to their parents.

In addition, based on the activities up to FY2023, we have decided to change the content of our activities from the current "free mobile medical service" to "free mobile surgery" from FY2024 in order to better meet the needs of local communities. In our "free mobile surgery" service, staff from the Japan Heart Children's Medical Center (physicians, nurses, etc.) are dispatched for several days to public hospitals in rural areas that do not have surgical skills to provide surgery in cooperation with local staff in addition to carrying out their conventional medical treatment activities. This activity not only provides high quality medical care to local patients, but also helps to train local medical personnel.



3. Enhancement of advanced medical devices

- In FY2023, a surgical X-ray imaging device (C-arm) was introduced and installed in an X-ray-compatible operating room completed in FY2022.

In addition, we prepared equipment, conducted training, and otherwise put systems in place and began full-scale operation in January 2024. This has enabled us to provide medical care to patients who had previously been difficult to operate on due to the lack of equipment.



[Progress of the program]

Initiatives	Target (FY2022-2026)	FY2022 progress	FY2023 progress	Status
Training skilled healthcare professionals We conduct training for local healthcare professionals who will provide advanced healthcare, including diagnosis, surgeries, post-surgery management, primarily related to cancer.	Training physicians			
	Training in Japan: 1 person	One physician received five months of clinical training at a Japanese medical institution.	—	on schedule
	Training at other medical institutions in Cambodia: 2 persons	—	One physician underwent 3 months of clinical training in anesthesia at a medical institution in Cambodia	on schedule
	Participating in international academic conference of cancer: 5 persons	One physician attended Singapore academic conference.	Two physicians attended Singapore academic conference.	on schedule
	Training nurses			
	Training at other medical institutions in Cambodia: 5 persons	—	—	—
	Participating in international academic conference of cancer: 5 persons	Two nurses attended Singapore academic conference.	One nurse attended Singapore academic conference.	on schedule
Free mobile medical service for village (~March 2024) In Cambodia, we operate mobile clinics in rural regions of the Ponnell District, Kandal Province, where there is poor physical access to medical institutions and little tradition of receiving such exams.	Employing radiology technicians: 1 person	Started recruiting activities	Ongoing recruitment activities	—
	- Free mobile medical service - Plan to hold 51 times (once a month) during the program period (Jan. 2023-)	Held free mobile medical service three times, providing 143 people with free medical exams.	Held free mobile medical service seven times, providing 522 people with free medical exams.	on schedule
Free mobile surgery provided to rural areas (from April 2024) In addition to our conventional medical treatment activities, we also provide surgical treatment. Implementing this initiative by working together with local medical personnel at facilities (hospitals) where it is difficult to provide surgery for patients will also help to train medical personnel.	- Free mobile surgery (from April 2024) - Plan to conduct 8 dispatches per year during the program period - Number of surgeries: 50 performed (~to the end of the program)	—	Reviewed the free mobile medical service activity and change it to a free mobile surgery activity from April 2024.	—
Enhancement of advanced medical devices We will add a new X-ray fluoroscopy room to Japan Heart Children's Medical Center.	Added exam room for X-ray fluoroscopy	Completed construction of an operating room in order to add X-ray fluoroscopy equipment.	The X-ray fluoroscopy equipment (C-arm) has been installed, protective clothing and other preparations for operation have been made, and operation of the equipment started in January 2024.	on schedule