

# **REPORT OF CONGENITAL HEART DISEASE SCREENING PROJECT COLLABORATION BETWEEN KOBE UNIVERSITY AND GADJAH MADA UNIVERSITY**

**Jogjakarta, August 4<sup>th</sup> – 6<sup>th</sup>**

## **1. School visit for Congenital Heart Disease screening pilot project**

ASD-PH team from Kobe, consisted of Professor Noriaki Emoto, Dr. Kazuhiko Nakayama, Miss. Yoko Suzuki, Dr. M. Gahan Satwiko and Dr. Dhite Bayu Nugroho, visited Jogjakarta to participate in Congenital Heart Disease (CHD) screening pilot project that was held in Kanisius Notoyudan elementary school as well as to discuss the follow up of Atrial Septal Defect – Pulmonary Hypertension (ASD-PH) project between Kobe University and Cardiology Department of Gadjah Mada University (GMU). The Kobe team arrived in Jogjakarta on 2015 August 4<sup>th</sup> in the morning then headed directly to Kanisius Notoyudan elementary school. Kobe University team were welcomed by GMU team who already on the location and the head master of Kanisius Notoyudan elementary school



The participants who underwent the screening were the Elementary school students grade 4, 5, and 6. Prior to the screening procedure, explanations about CHD and PH had been given by the residents of Cardiology Department to all participants.

The screening procedures consisted of ECG examination, echocardiography and heart sound examination. Out of 68 students who underwent the screening procedures, there were four students whose heart sounds were suspected to be abnormal.



These four students then underwent echocardiography examination, furthermore there was only one student who were referred to hospital for complete cardiac examinations.



After the examination finished, the students and their parents were gathered to have short lecture about CHD from Profesor Noriaki Emoto and dr. Kris Dinarti.



The event of CHD screening project held in Kanisius Notoyudan elementary school was covered by local media and published online. The article can be freely accessed on Repulika.co.id website (<http://www.republika.co.id/berita/gaya-hidup/info-sehat/15/08/05/nsl7ui328-ibu-hamil-paling-banyak-idap-kelainan-jantung-asd> )

## **2. Lunch and project meeting**

Right after the screening project, both GMU and Kobe University teams were heading to “Honjo Restaurant” for a project meeting. During the meeting, both teams discussed about evaluation of the recent screening project and plans for the next screening project with bigger number of participants.



After finishing the project meeting, Kobe University team headed to “Royal Ambarukmo Hotel” for check in and short recess.

## **3. Dinner with alumni of Professor Emoto’s laboratory**

The first day of ASD screening pilot project was closed by dinner with some alumni of Professor Emoto’s laboratory. The dinner took place in “Sederhana Restaurant”.



#### 4. Clinical conference

The first agenda of the second day of ASD project was clinical conference with Cardiology Department of Gadjah Mada University. The conference was held in the Conference Room of Cardiology Department, which was also attended by some doctors from Surgery Department, Pediatric Department and OBGYN Department. Three clinical cases were discussed by the staffs from those departments.



During the discussion, Professor Emoto also gave his professional advice for the patients' management.

#### 5. Lecture: screening system for congenital heart disease in Japan

On the same occasion, Professor Emoto gave a presentation about the screening project in Japan and current report of ASD project collaboration between Cardiology Department of GMU and Kobe University.



After the clinical conference, Kobe University team had a coffee break together with the clinical staffs from the Cardiology Department, Surgery Department, OBGYN Department, and Pediatric Department of GMU.



## 6. ASD patients gathering

The next agenda of day two was attending a meeting with ASD-PH patients and their families. This meeting was the first gathering between medical staffs, hospital management staffs, ASD-PH patients and their families. The participants who took part in this meeting were ASD-PH patients, dr. Sutanto Maduseno, Sp.PD, KGEH as the director of Sardjito Hospital , ASD-PH organization representatives, dr. Kris Dinarti and Professor Emoto.



In this meeting, dr. Kris Dinarti gave a presentation that explained about the ASD-PH clinical course. She also explained the recent milestones for PH treatment in Sardjito Hospital in which the hospital covered the expenses for essential PH drugs.



Next, Professor Emoto gave a general lecture regarding CHD screening and PH management in Japan. The lecture was given in simple English in order to make the audience understand the message easily.



During the discussion session, many patients and their family members asked about the managements of PH in Japan and Indonesia.

## **7. Project Meeting**

After finishing the hospital agenda, KU and GMU teams held ASD-PH project meeting in RAH meeting room. In this meeting, members of both teams discussed about manuscript writing plan of ASD-PH project presentation for international scientific conference.



## 8. Dinner and farewell

The last agenda of the ASD screening pilot project was farewell dinner. The dinner was held in “Handayani Restaurant” and attended by all members of Kobe University and GMU teams. At the end of the farewell dinner, some souvenirs were given from GMU team to each member of Kobe University team.



The members of Kobe University team checked out from “Royal Ambarukmo Hotel” on 2015 August 6<sup>th</sup> in the morning then headed to the airport for a flight back to Japan.