

Training report conference of SAKURA Science Exchange Program 1

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**UNIVERSITY
OF MALAYA**
MEDICAL CENTRE



Sakura Science
Exchange Program



九州大学
KYUSHU UNIVERSITY

About my Institution



formerly known as University Hospital, is a government-funded medical institution located in Pantai Dalam, southwest corner of Kuala Lumpur, Malaysia. It was established by Statute in September 1962 and is part of University of Malaya. It serves as the teaching hospital for the Faculty of Medicine, University of Malaya and is the largest and oldest teaching hospital in Malaysia. The UMMC is also the second largest hospital in Malaysia.

Program Timeline

February 2023

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|------------------------|----------------------|---------------------------------------|-----------------------|------------------------------------|--------------------|-----|
| | | 1 Arrival | 2 Orientation | 3 Setup Hybrid Conference | 4 Culture study | 5 |
| 6 VR & live demo | 7 ID Neurology | 8 Training report conference | 9 Departure | | | |

1st Day (Arrival Day)



1st Day (Arrival Day)

Program Update

- We Arrive at Fukuoka Airport Around 1300pm and pick by Mr. Shunta and Miss Miho
- Miss Miho Send Us to the Access Tenjin Hotel that has been schedule to stay Using Japan Subway from Domestic Airport Fukuoka
- Arrive at Access Tenjin Miss Miho Explaining about the accommodation and every rules related to the stay

2nd Day (Orientation)

Program Update

- Google calendar
- Tentative of the program
- Helping Mr. Nopa Luggage stranded
- Learning how to Commute with subway and bus



3rd Day (Hybrid Setup)

Program Detail

- Start the day by lecture from Madam Yoshiko Regarding the Hybrid Setup
 - Explaining How Connecting method that we will use
 - What Equipment was Involved
 - The Function of the Equipment
- Evening Session
 - Apply Morning lecture By Madam Yoshiko by setup all Equipment involve to get the hybrid configuration
 - Finish the testing with a group and find the issue
 - Complete the session by Discussing the solution and what to tackle before the actual event



3rd Day (Hybrid Setup Picture)



Day 4 & 5 (Culture Study)



Day 4 (Culture Study Summary)

Day 1 (4th Feb) Of the Business Trip To Hiroshima.

- We start the journey from hotel to Hakata Station in group and gather there at 9.30am.
- After that we take the shikansen Bullet Train From Hakata station to Hiroshima.
- When Arrive at Hiroshima, we Visit Hiroshima University to have a lecture from Professor Yoko Shimpuku (Professor in Global Health Nursing) Regarding the Fetal Ultrasound for midwives Using Information Communication Technology in Tanzania.
- After Finish the class we go to the Miyazimaguchi Island and also learn about traditional cake in Hiroshima call Momiji Manju.
- After the site seeing on Miyazimaguchi Island we are when to the hotel and the mid night we are going to group Dinner in Hiroshima Area.
- After dinner we comeback to the hotel back and set for journey tomoorow.

Day 5 (Culture Study Summary)

Day 2 (5th Feb) Of the Business Trip To Hiroshima.

- We start the journey from Hiroshima hotel and gather together to the next destination Atomic Bomb Dome
- We are arrive at Atomic Bomb Dome and learn the history of japan.
- After Visit atomic Bomb Dome we are go to the Hiroshima Peace Memorial Museum continue learning the historic Hiroshima atomic Booming.
- When settle at the Hiroshima Peace Memorial Museum we are go to eat Lunch at Otafuku Restaurant and learning Traditional meals (Okonomiyaki) and we cooking the lunch
- After the meals we back to Hiroshima Station to return Back To Fukuoka (HAKATA Station)

Day 6 (CONFERENCE ROOM TECHNICAL & VR LIVE DEMO)

Program Outline

- On Day 6th , we are Scheduled to learn About VR Live Demo and the lecture given Madam Yukiko but before that Mr Shintaro was giving the instruction how to operated the Conference room in Kyushu University Hospital.
- After Finish learning and configuring the equipment in the Kyushu University Hospital Conference room, Madam Yukiko giving a lecture about VR Live Demo
 - From The lecture we learn what are the equipment involved:

1)Theta V 360 Camera

2)Endoscope Camera

3)Web Camera

4)USB Audio Mixer

5)Mic

6)Oculus VR set

7)Laptop Control

8) Suitable Cable and

9)Internet connection

Day 6 (CONFERENCE ROOM TECHNICAL & VR LIVE DEMO)



Day 7 (ID Neurology Session)

For This ID Neurology Session, I was assisting Mr Nopa Krismanto from Faculty Of Medicine Universitas Indonesia as co-host .

- The session Was start on 1500PM (GMT+9) Fukuoka Time
- I has been assign to help him to controlling the session by spotlight the speaker, change the layout of the view,Monitoring the participant and take some snapshot over the zoom.
- This session was going well during the transmission and the Session end at 1620pm (GMT+9) Fukuoka Time
- We found that in this session the remote site using different speaker and different Camera on this session and for that we spotlight the feed from camera that has no audio.

Day 7 (ID Neurology Session Photo)



Conclusion

From all this 7 days Training, What We can learn from:

- Its been easy if we doing all together with the team
- The opinion and idea was accepted very well to tackle and handle problem
- All team giving a respond for task very well and the work just done perfectly
- Communication among team are important for working in telemedicine
- All need to be anywhere on time and the work more faster when the task divided.
- Helping each other on the task put the time more less

Future Collaboration with TEMDEC

More or less UMMC has been joining a lot of program with TEMDEC and TEMDEC has open the collaboration more then 8 years with UMMC . Mr Zahir and Mr Helmy already become part of the TEMDEC program a long before. So In my Point Of View:

- In the future TEMDEC and UMMC will join together and United to make more Talented Engineer with Multiskilling Teleconferencing.
- To Enlarge the opportunity for the existing engineer to giving more complex idea to build the name of telemedicine beyond Europe country.
- Joining Force to gather a data among engineer to simplified and solve the issue.
- Adding some tremendous value for UMMC and TEMDEC known as world wide Telemedicine Engineer Trainer

Sakura Science Exchange Program
2023

THANK YOU!!

ありがとうございました