

Train The Trainer

To Establish Continuous International Telemedicine Activity

TRAINING REPORT

Visiting Scholar

Lukman Harun, S.T

Dr Kariadi General Hospital - Semarang

INDONESIA



KYUSHU UNIVERSITY

Dr.KARIADI GENERAL HOSPITAL SEMARANG

- Hospital is own by Minister of Health
- Teaching Hospital of Faculty Medicine Diponegoro University
- Sister Hospital for National Stratification Programs : Cancer, Heart Disease, Stroke, UroNefro dan Health of Both Mother and Child



Address

Jl. Dr. Sutomo 16
Semarang



Employees

3.086 people



Bed Capacity

1.108 Bed



Vision and Mission

VISION

Become a modern and high competitive hospital at Asian level in 2024

MISSION

1. Organizing quality health services, education and research oriented towards patient safety and environment
2. Organizing healthy and productive business processes
3. Organizing the development of digitization of Hospital Services

FM Diponegoro University – KYUSHU UNIVERSITY COLLABORATION ACTIVITY

ID-Endoscopy Member

- FK UNDIP/RSUP dr. Kariadi, Semarang
- FK UI/RSUPN dr. Cipto Mangunkusumo, Jakarta
- FK UNAIR/RSUP dr. Soetomo, Surabaya
- FK USU/RSUP H. Adam Malik, Medan
- FK UNPAD/RSUP dr. Hasan Sadikin, Bandung
- FK UGM/RSUP dr. Sardjito, Yogyakarta
- FK UNUD/RSUP Sanglah, Denpasar
- FK UNS/RSUD dr. Moewardi, Surakarta
- FK UNIBRAW/RSUD dr. Saiful Anwar, Malang
- FK UNHAS/RSUP dr. Wahidin Sudiro Husodo, Makassar
- FK UNAND/RSUP dr. M. Djamil, Padang
- RSUP Persahabatan, Jakarta
- RSUP Fatmawati, Jakarta
- Kyushu University Hospital, Jepang

Train The Trainer

To Establish Continuous International Telemedicine Activity

Invite young talented people from other countries and regions to Japan to introduce and offer experience in Japanese science and technology. Beginning in 2014, over 33,000 young people visited Japan on this program.

TEMDEC (Telemedicine for Development Center) take a part in this program, to establish continuous international telemedicine activity



KYUSHU UNIVERSITY



Train The Trainer

Meet our Indonesian Team



AGUNG LAKSANA

Dental Faculty – Sumatera
Utara University



DWI BASUKI

Medical Faculty –
Sriwijaya University



LUKMAN HARUN

Dr. Kariadi Hospital



POGGY INDRA ADITYA

Dr. Moewardi Hospital

Train The Trainer

Meet our Friend Engineer from Mongolia



Train The Trainer

To Establish Continuous International Telemedicine Activity



ARRIVAL 1st Time To Japan.....



Special thanks to Mr Kohmatsu has helped and direct us from Airport to KUH



KYUSHU UNIVERSITY

Orientation...TEMDEC Staff

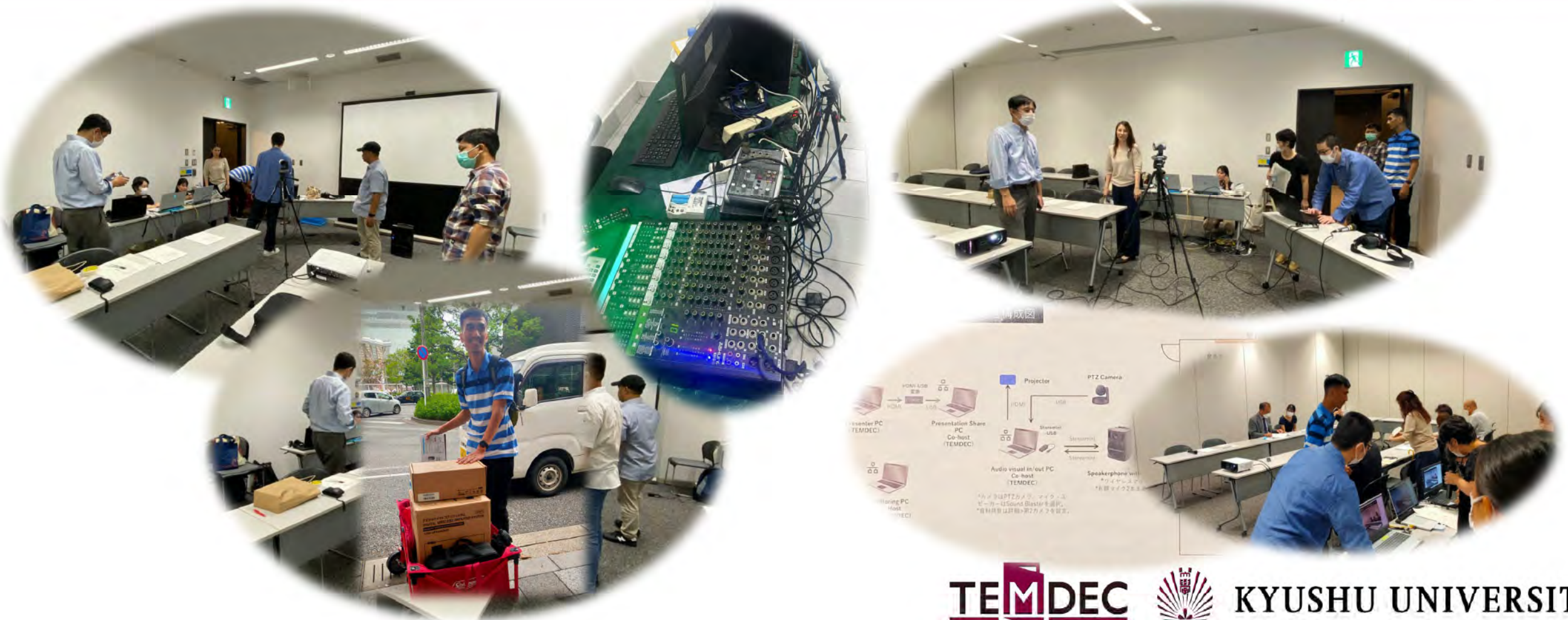




Orientation.....



Support Meeting at JR HAKATA Station Meeting Room



Support APAN 56 Remotely in Colombo, Srilanka



Explanation E2EE and Meeting with E2EE by Ms.Saori Matsuda

Today's topic

1. Let's have a meeting with Zoom!
2. What is the E2EE?
3. Let's create the Zoom meeting with E2EE!
4. Let's create the Webex meeting with E2EE!

Saori Matsuda@TEMDEC
2023.01

2. What is end-to-end encryption (E2EE)?

End-to-end encryption (E2EE) is a method of secure communication that prevents third parties from accessing data while it's transferred from one end system or device to another.

When you use E2EE, no one in the middle can read the message. End-to-end encryption is like a letter in a sealed envelope. The sender and receiver can read the letter. But post office staff cannot read the letter because the envelope is sealed.



Meetings using the E2EE feature, our meetings will be even more secure, because meetings will be encrypted so that if there is wiretapping it will require meeting decryption which is difficult. However, by using this feature our recordings cannot be saved in the cloud, they can only be saved on the local hard disk

Surgery Room Tour

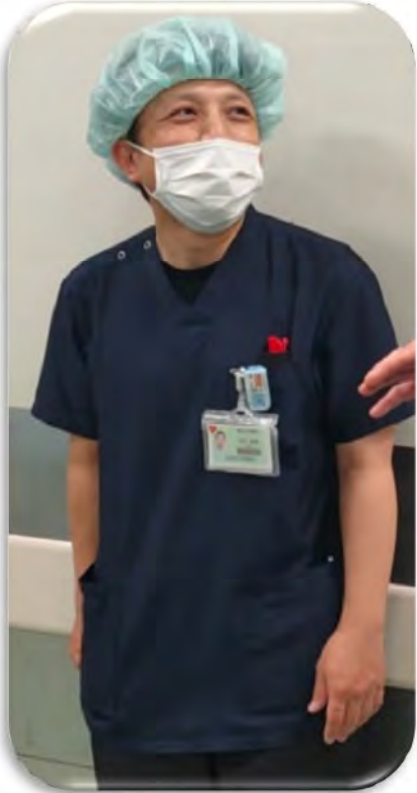
- by Mr Shintaro & Mr Hirai Chief Medical Engineer Operating Room
- Learn about system recording in Surgery Room, what equipment connect to support recording system in Operating Room.



Surgery Room Tour



Surgery Room Tour



Metaverse lecture in Kanazawa Institute of Technology

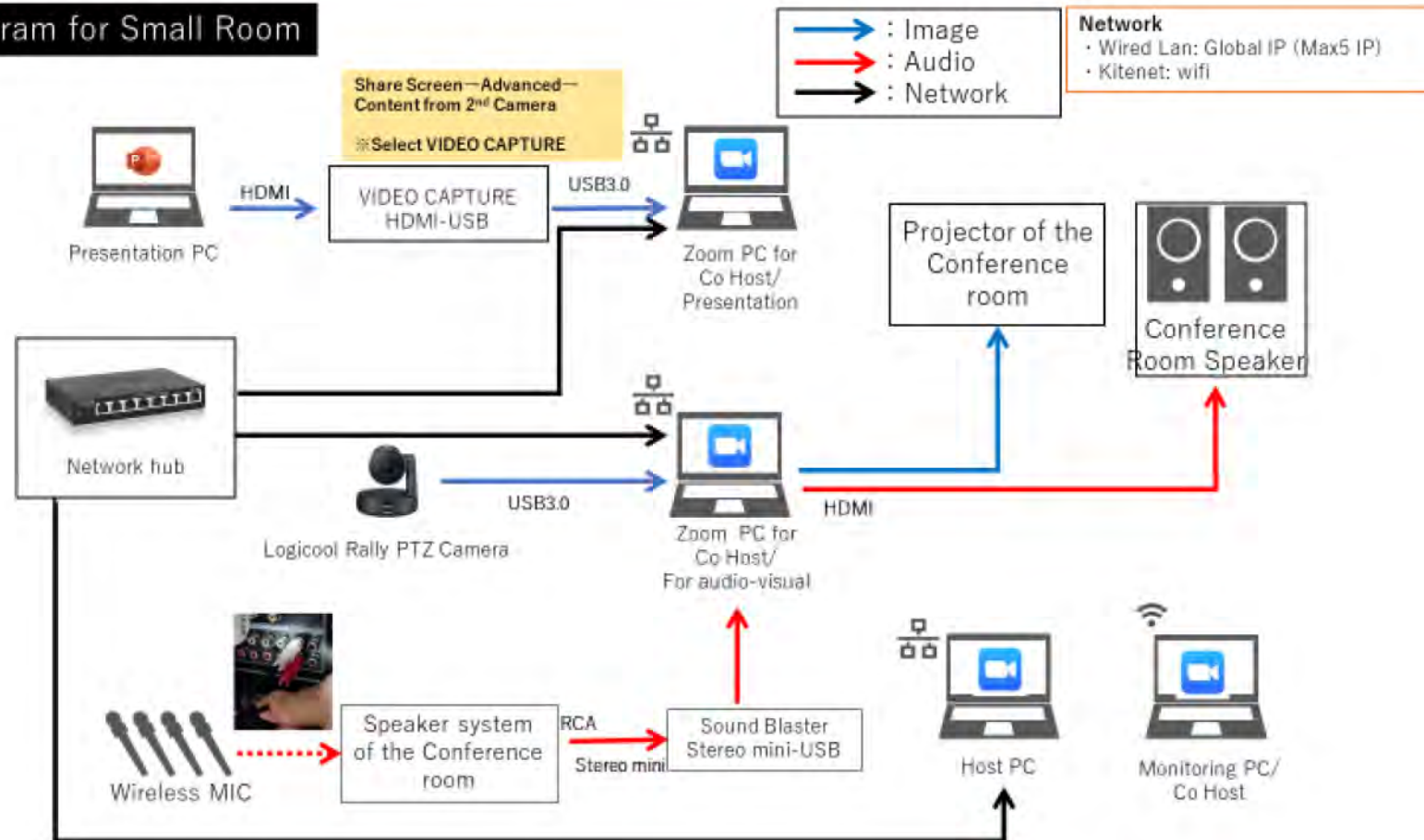


Setup Hybrid Conference Small Room



Setup Hybrid Conference Small Room

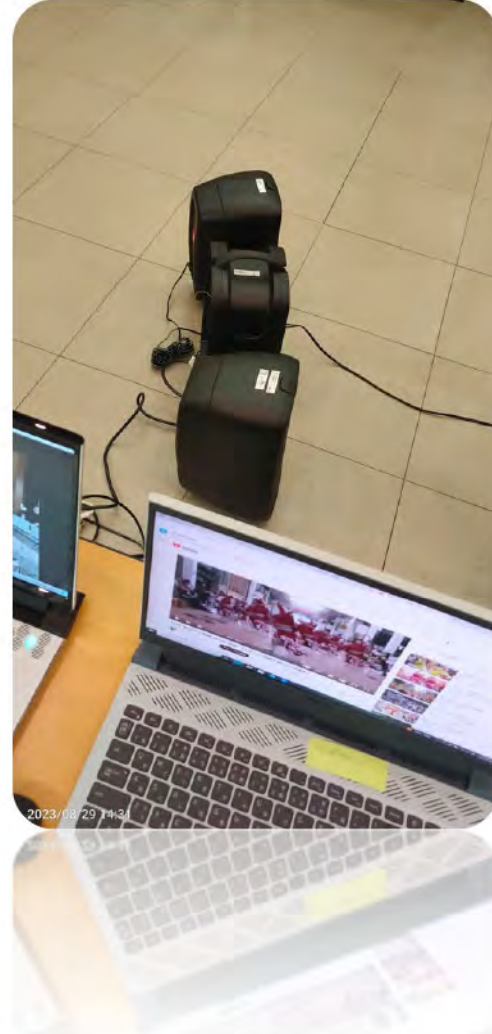
Diagram for Small Room



Configuring Press Release using Maxhub



Setup Hybrid Conference Large Room



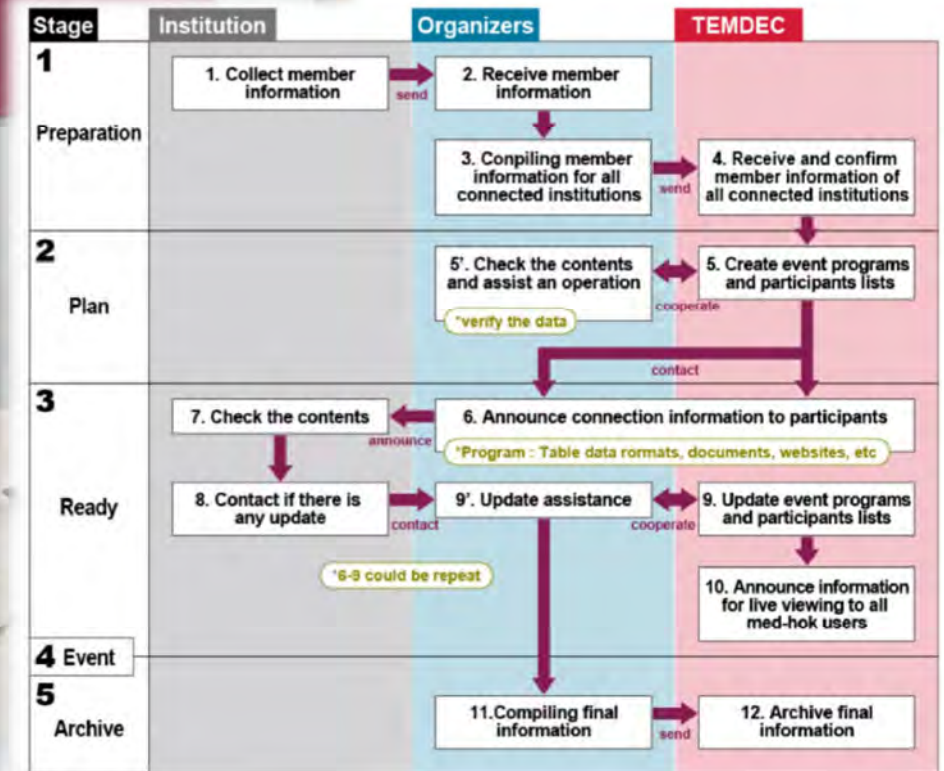
Setup Hybrid (Scratch)



Lovely Dinner with TEMDEC



Med-hoc Explanation and TEMDEC Project by Ms Kuriko



Going to Exhibition – Gemba Solution by Panasonic with Ms. Saori Matsuda and Ms. Yukiko Hisada



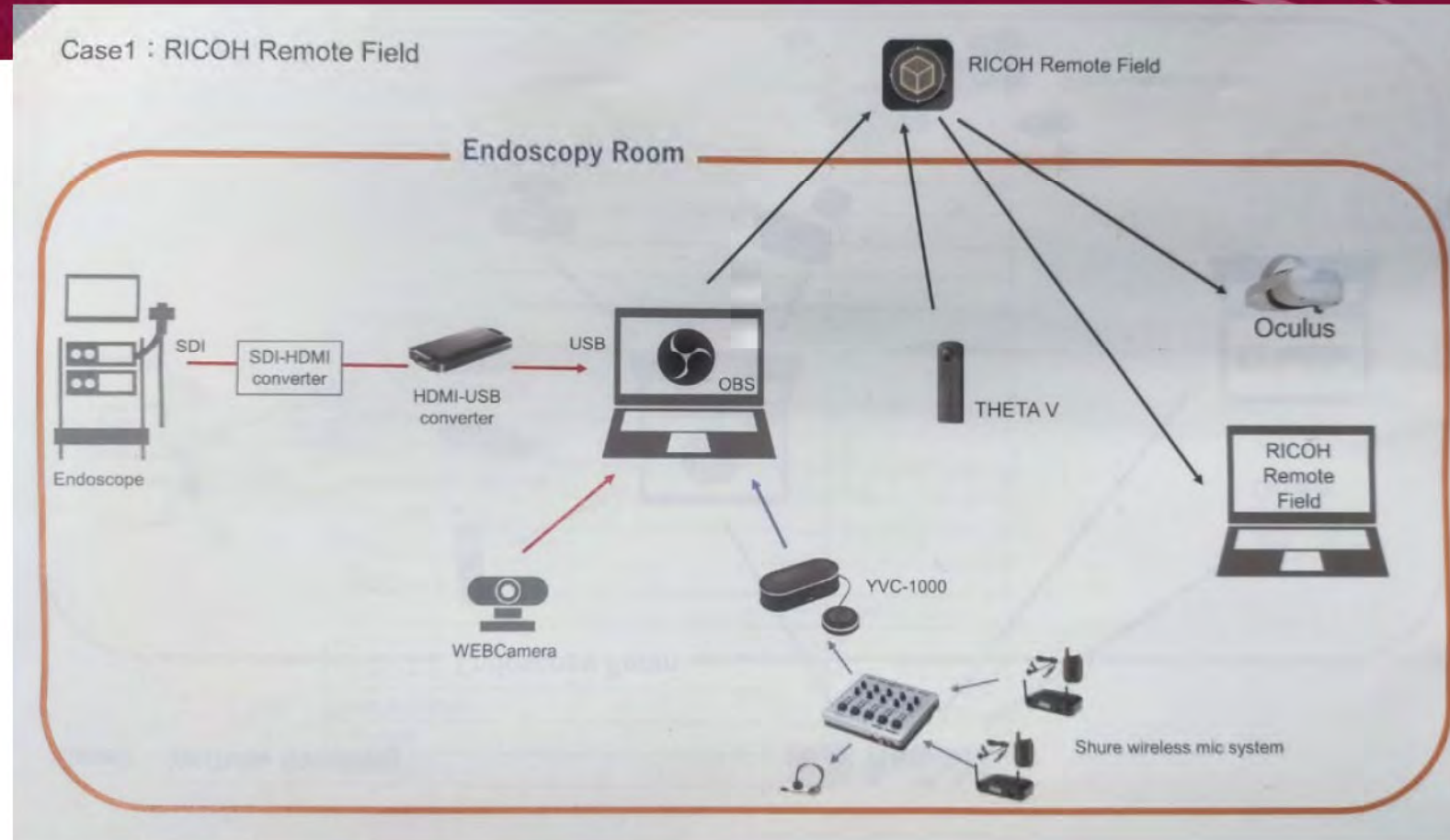
Using VR for the 1st Time



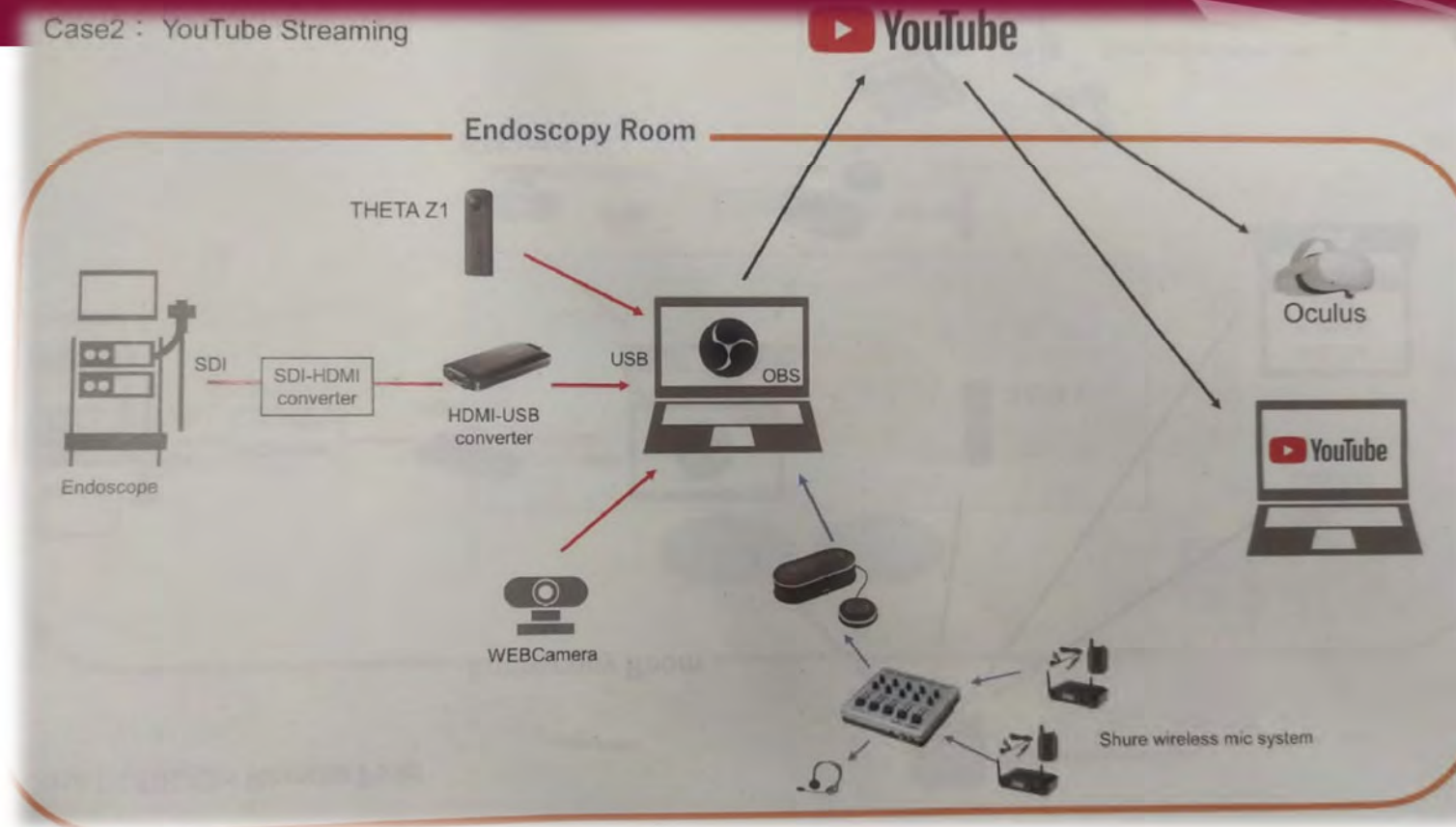
Prepare Simulation for Live Endoscopy Demonstration



Simulation for Live Endoscopy Demonstration Case 1



Simulation for Live Endoscopy Demonstration Case 2

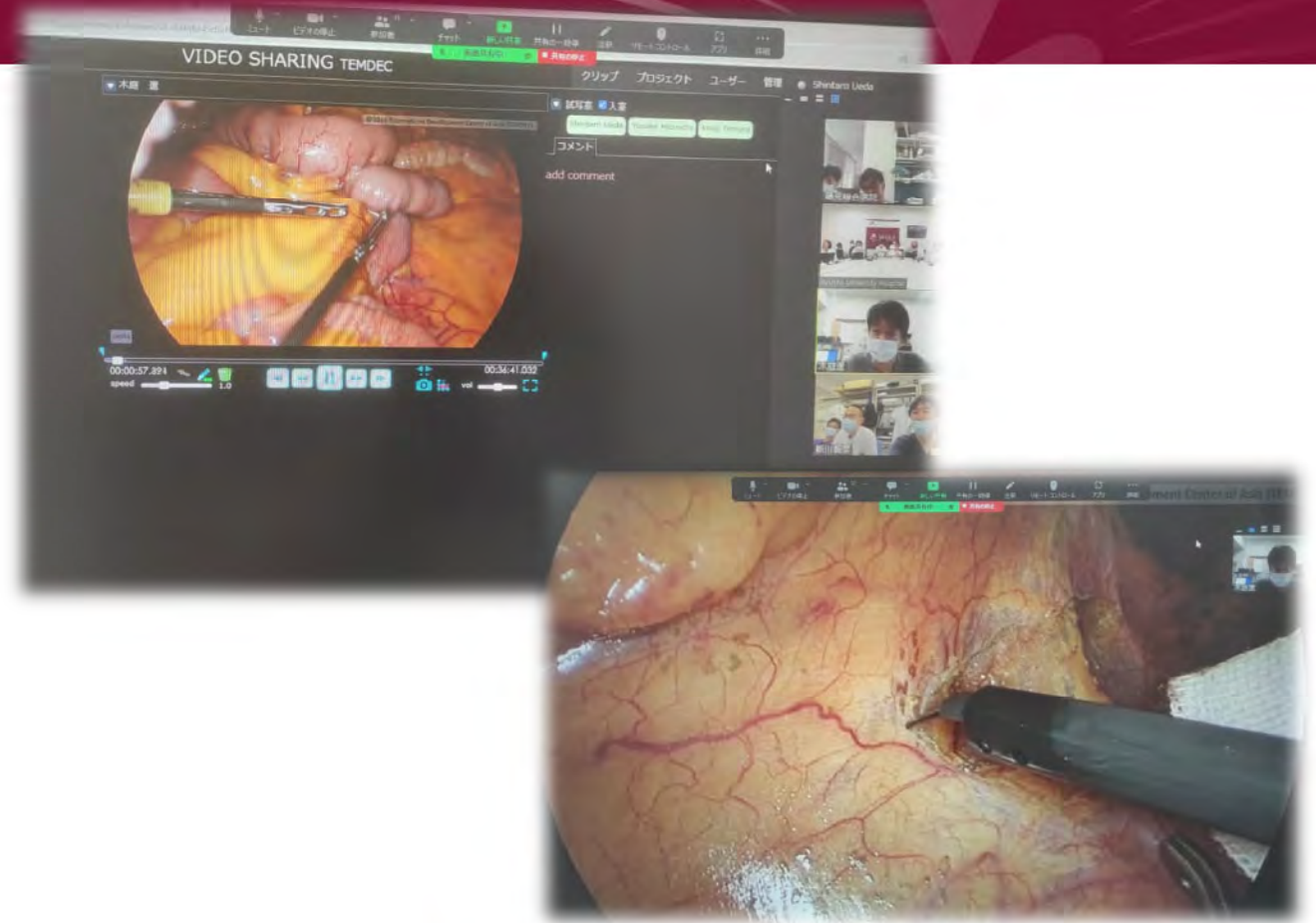


Live Endoscopy Demonstration



Introduction of JoinView Application

- Mr Sintaro Ueda taken the Join View Application session
- Online video system Develop by TEMDEC (Server in TEMDEC)
- Make annotation in the Video surgery
- Very useful for Lecture



Culture Shock Experience



Recently.....

The screenshot shows the ANTARA Indonesian News Agency website. The main article is titled "Minister meets with Elon Musk to explore cooperation with Starlink" and is dated 6th August 2023. The article features a photo of Health Minister Budi Gunadi Sadikin shaking hands with Elon Musk. Below the photo is a caption: "Health Minister Budi Gunadi Sadikin meets with Elon Musk to explore cooperation between the government of Indonesia and Starlink - Musk's satellite network - in providing internet access at health centers located in remote areas. (ANTARA/MD-Kemkes)".

The website header includes navigation links: HOME, CURRENT ISSUE, WORLD, BUSINESS & INVESTMENT, EXPLORE INDONESIA, ARTICLE, PHOTO, PRESS RELEASE, INFOGRAPHICS, BAHASA. The ANTARA logo is prominently displayed. Social media icons for WhatsApp, Telegram, Facebook, Twitter, Instagram, and YouTube are visible. The date "Wednesday, 6th September 2023" is shown in the top right.

On the right side, there is a "POPULAR" section with several news items:

- "No joint statement with US on China's South China Sea claims: Subianto" (31st August 2023)
- "LED Expo Thailand - Brings together 'Energy Efficiency and Digitalization for SMART Lighting!'" (2nd September 2023)
- "Huawei Holds Inaugural CXO Cloud Camp to Light Up Indonesian Digital Future" (31st August 2023)
- "TANAKA Precious Metals to Establish Global Recycling Network, Promoting Worldwide Recycling of Precious Metals" (1st September 2023)
- "Gradiant Launches Turing, an Independent End-to-End Digital Solutions Provider for the Water Industry" (30th August 2023)

Below the popular section is a "WORLD" section with a video thumbnail.

Health Minister Budi Gunadi Sadikin met with Elon Musk to explore cooperation between the government of Indonesia and Starlink, Musk's satellite network, in providing internet access at remote health centers.

"With internet access, health service consultations can be done online," Sadikin said.

With good internet access, he said, online training for health workers can also be carried out.

Conclusion

- Now is the era of collaboration, doctor and engineer can work together to advance telemedicine
- With telemedicine activity, we have the hope of equal distribution of health services to remote areas and doctor + engineer can work together to make it happen
- I hope as engineer we can make contribution to the progress of telemedicine, especially in Indonesia Telemedicine and in the world in generally

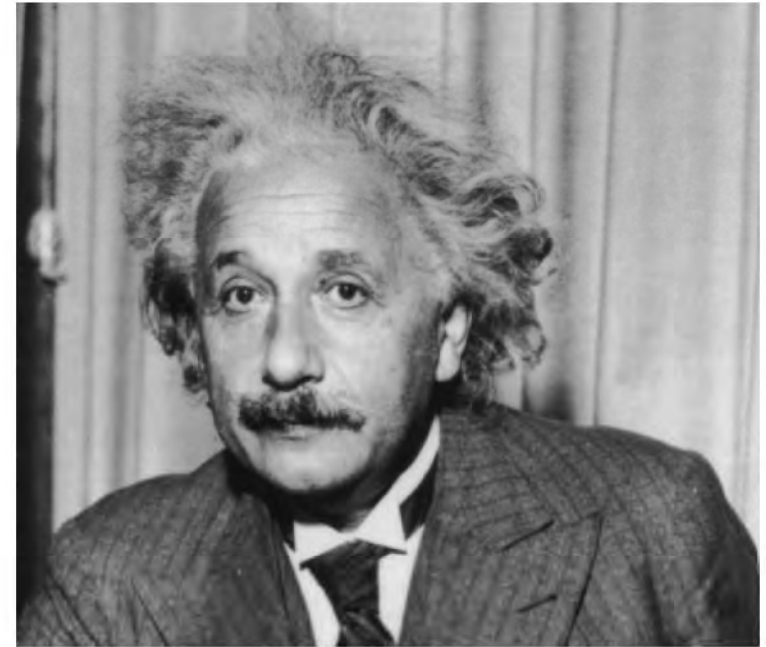
Quotes of the day.....

- Albert Einstein said.....

Religion without science is blind.....

Telemedicine without engineer is lame....

So.....Gan bate kudasai.....





Terima kasih

धन्यवाद धन्यवाद ありがとう Kadincey Cảm ơn