



A new approach for international student exchange program under Covid-19

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With **Kaohsiung Medical University, Kaohsiung City, Taiwan**

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-International student exchange program- Ibaraki Prefectural University of Health Sciences (IPUHS) and Kaohsiung Medical University (KMU)

- IPUHS had hosted KMU students from 2015 to 2019 to provide our students with valuable experiences in communicating and collaborating with KMU students.
- There were about 20 KMU students visiting our university for 4 weeks every year.

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1) Participation in University classes with IPUHS students



2) Observation of the clinical practice in hospitals and welfare institutions



3) Extracurricular activities with IPUHS students



- IPUHS students also visited KMU every year, they visited clinical situations, joined the University classes and interacted with KMU students.
- There were about 6-14 students (OT, PT, RS, NS) visiting KMU for a week.

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1) Participation in University classes with KMU students

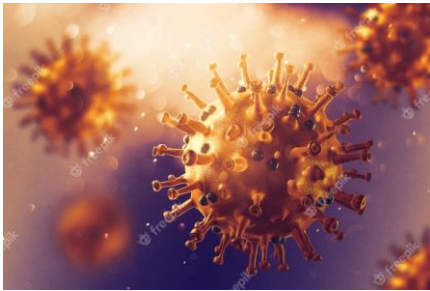


2) Observation of the clinical practice in hospitals and welfare institutions



3) Extracurricular activities with KMU students





The international student exchange program (mutual visit) with KMU had to be interrupted because of Covid-19 in 2019 and 2020.



In 2021, by using internet, the new collaborative style started.



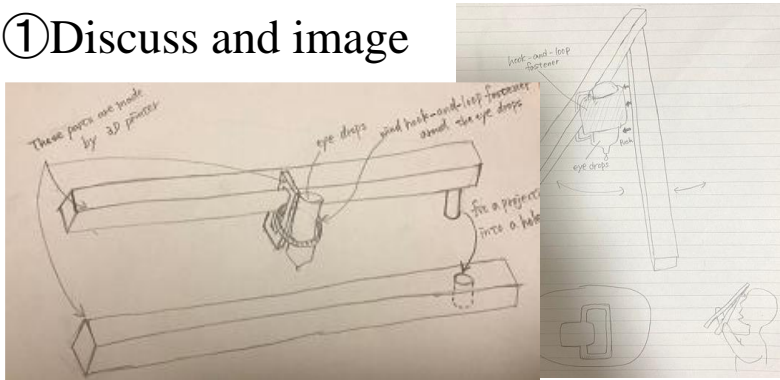
Our students joined an online workshop with KMU students
[Application of Assistive Technology]

- ☑ Goal of the project: make an assistive device for elderly or disabled people.
⇒ Each group consisted of both IPUHS and KMU students
- ☑ Each group needs to make a device by using 3D printers and try it for elderly or disabled people.
⇒ KMU and IPUHS students mutually discussed their ideas and drafted their devices.

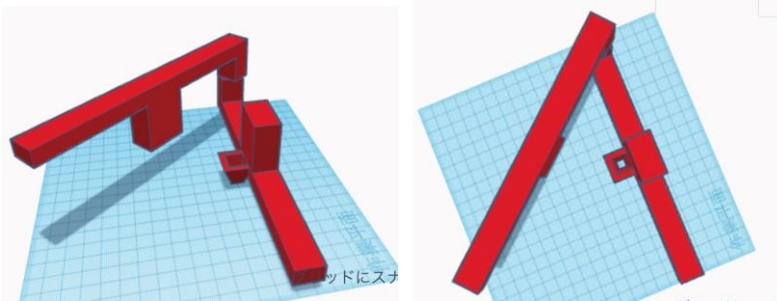
-Step-

1. KMU and IPUHS students have discussed a number of times about the self-help device for the elderly or handicapped by using e-mail, message application “LINE”, and online web system “Google meets” and “Zoom”.
2. Use the software “Fusion 360” to create the devices.
3. Print out the devices and test the practicability of the devices.

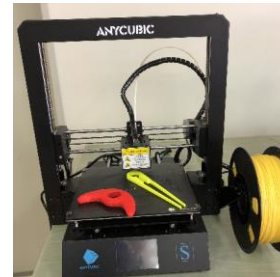
① Discuss and image



② Design (the software: Fusion 360)



③ Make the device



3D printer
(i3MegaS, ANYCUBIC)



④ Products



A: Eyedropper device for RA patient.



B: Toothbrush holder.



C: Key turner.

4. KMU and IPUHS students present their devices in the online meeting.
5. KMU and IPUHS teachers give feedback.

Presentation & Feedback

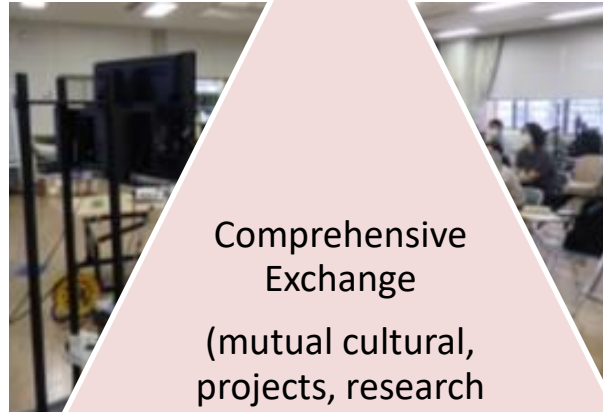


Key points

1. Setting the task for collaboration (Group work)
⇒Not just the class participation, but also do the projects by group.
2. Don't leave it to only students (Supports for students)
⇒The staff support students such as communication, techniques, knowledge, networking skills, software skills, etc.
3. Communication between faculty in IPUHS and KMU(Follow students' progress)
⇒Report students' progress and discuss the problem during the progress.

4. KMU and IPUHS students present their devices in the online meeting.
5. KMU and IPUHS teachers give feedback.

Presentation Feedback



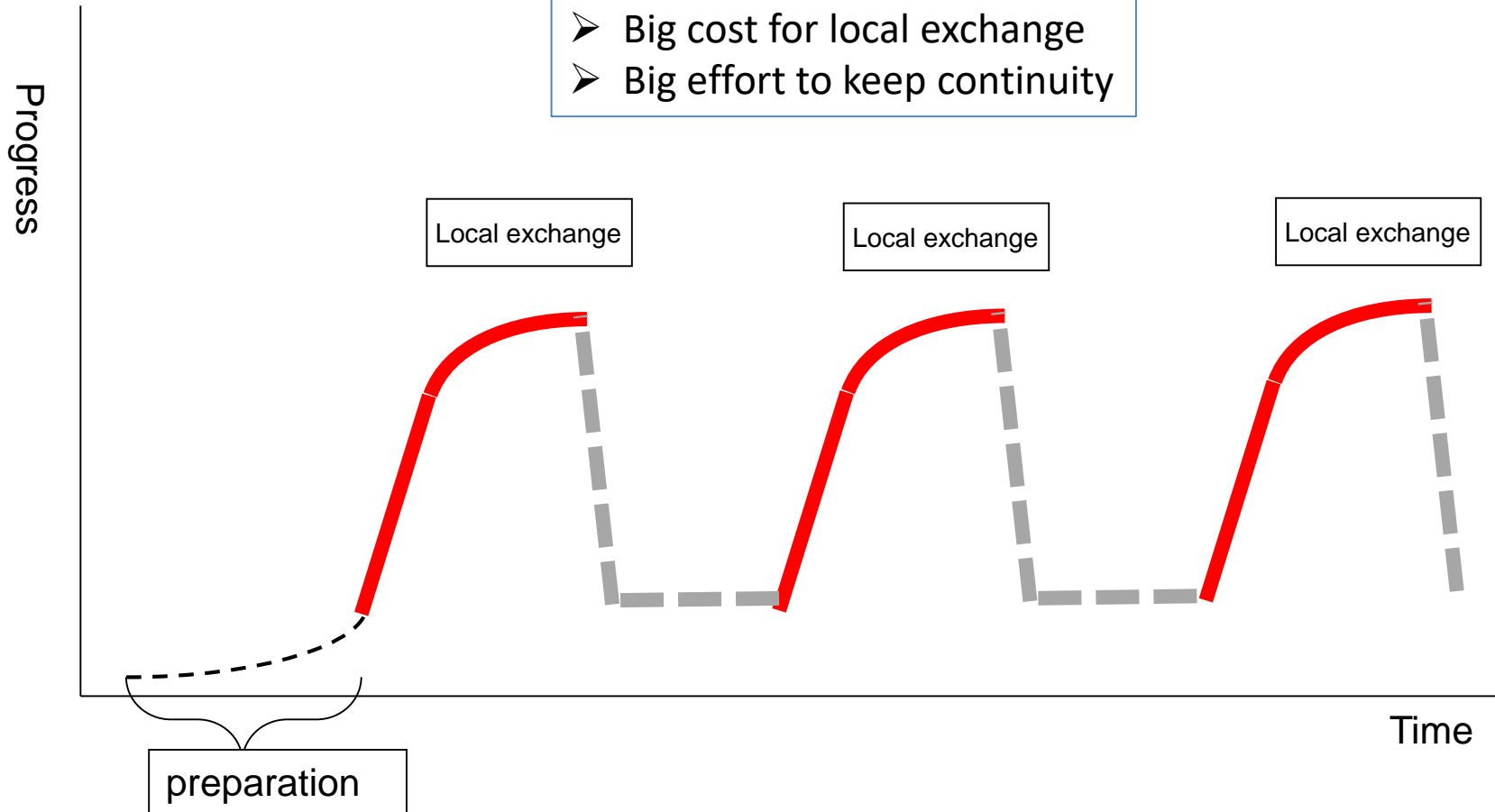
Key points

1. Setting the task for collaboration
 ⇒ Not just the class, but also the group.
2. Don't leave it to one person
 ⇒ The staff should be involved in the network: Student (Undergraduate & Graduate) and Faculty & staff (Knowledge, progress)
3. Communication
 ⇒ Report students' progress and discuss the problem during the progress.

International exchange at pre-&post-CORONA era

Pre-CORONA era

- Mainly Local exchange
- Big cost for local exchange
- Big effort to keep continuity



International exchange at pre-&post-CORONA era

Post-CORONA era

- Local & web-based exchange
- Save some cost for local exchange
- Better chance to keep continuity

