TELEMEDICINE IN NEUROLOGY

Our Progress

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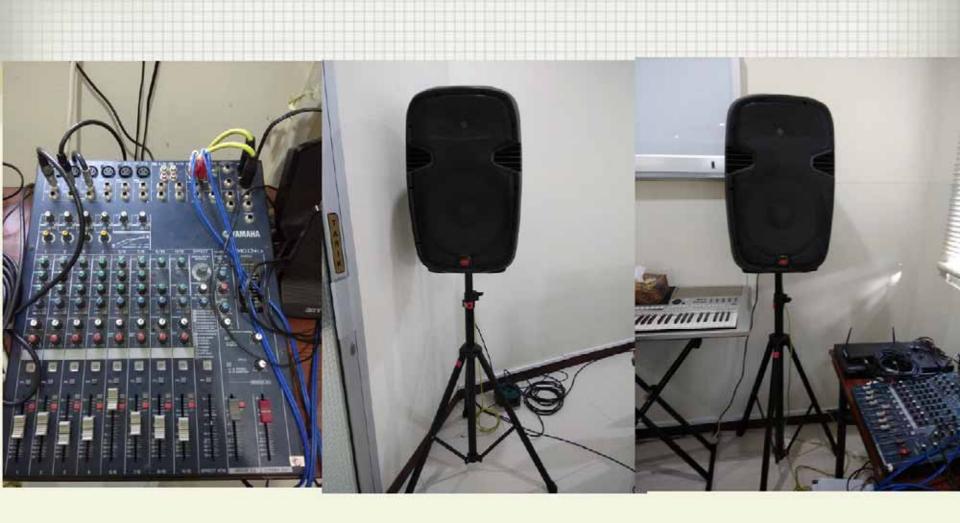


Background

- It had been more than a year since telemedicine program between Indonesia and Japan were developed.
- There are now seven Indonesian neurology institutions (University of Indonesia, Brawijaya, Gadjah Mada, Sam Ratulangi, Sebelas Maret, Sriwijaya, and Airlangga) participating this program.



	2017	2018	
Staff	2 medical doctor as engineer (no experience)	No change	
Internet	4G mobile phone 10 Mbps (Indiehome)	10 Mbps (Indiehome)	
Equipment	Sound mixer + 2 speaker	No change	
	1 laptop	No change Lack of fund	
	1 LCD	No change	
	2 wireless mike	No change	











Current Problem

Methods

- Questionnaires
- 41 participants
- 37 (90,2%) aged 25-35 years old
- 21 (51,2%) had participate in 7 or more teleconferences



		2017	2018
Sound	Bad	36.1%	9.8%
	Fair	55.6%	53.7%
	Good	8.4%	36.5%
Video	Bad	8.3%	9.8%
	Fair	52.8%	26.8%
	Good	38.9%	63.4%

Analysis:

- Better internet connection
 - Before Sep 2017 -> 4g mobile phone sometimes
 - After Sep 2017 -> indiehome
- Good preparation -> special thanks to Mr. Nopa
- Better sound and video quality -> not enough to satisfy the audience (residents)



Conclusion

- Lack of good equipment -> still a problem
- Good preparation and cooperation among engineer increase the quality of a telemedicine meeting



What Next?

Are we ready to organize 10 or more institutions in the coming years?



THANK YOU

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