

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
	1 LCD	No change
	2 wireless mike	No change

Lack of fund







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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