

**“Enhancing Interprofessional
Collaboration and Learning for
Strengthening Primary Health Care”**

July 21-23, 2021

Faculty of Medicine, Public Health and Nursing
Universitas Gadjah Mada
Yogyakarta, Indonesia

TUFH THE NETWORK:
2021 TOWARD UNITY
FOR HEALTH



TUFH 2021 ABSTRACTS

Title	TELEHEALTH: A BRIDGE OVER HEALTH SYSTEM GAP BETWEEN PRIMARY HEALTH CARE AND REMOTE COVID-19 PATIENT MONITORING IN INDONESIA
Type	Oral Presentation <i>High-Quality Learning and Collaborations in the Health Workforce</i>
1st Author	VICKRY ADZKARY GHUFRON
Co-Authors	Mohammad Galih Pratama, Rio Alexandro
Country	INDONESIA
Abstract N ^o	TUFH766
Content	<p>Background: COVID-19 has caused a major devastation in the health system. In order to adapt to this situation, telehealth is reasonable due to its cost-effectiveness, scalability, safety, and its ability to achieve satisfaction with the majority of patients. However, primary health care as the frontline in tracing, tracking, and monitoring of COVID-19 patients are lacking support, especially in the use of technology to maximize its service. The aim of this study to look for the benefit and a form of telehealth that suitable and relevant to spread primary care and strengthen primary health care in Indonesia. Methods: We conduct a literature review, based on published papers in Pubmed between 1st January 2020 until 28th February 2021. Twelve out of 99 papers related to COVID-19, telehealth, and remote patient monitoring are selected based on our screening and inclusion criteria. Result: Telehealth has been implemented for managing the COVID-19 pandemic by telemonitoring, contact tracing, registry, and operational reports. This benefit is increased cost-effectiveness by 73.3%, reduction of health facility admission, lowering the risk of virus transmission, early detection of clinical deterioration, minimizing contact tracing time, and improving health management. Conclusion: Our study suggests telehealth will provide primary health care tremendous benefit if we built one mobile platform with features consisting of home monitoring of self-reported symptoms, easy contact tracing, rapid sharing of updated and reliable information. Integrating this mobile app with an e-health record will amplify its benefit.</p>