

Youth Knowledge on the Health Protocols During Covid-19 Pandemic

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Abstract—Buah Batu District is the sub-district with the second-highest Covid-19 incidence rate in Bandung City on December 2020. Many factors affects the high incidence of Covid-19. Medical Faculty Community Service in collaboration with the Indonesian Youth National hold activities to help overcome the problems. Workshop on the healthy and clean lifestyle chosen as the activities to increase the knowledge and practice in the Covid-19 pandemic era by implementing the medical protocols. We also The activities were carried out on from until March 2021. Evaluation used participants were given a questionnaire about the causes, modes of transmission, and prevention methods—furthermore, the practice of implementing health protocols in the era of the covid-19 pandemic. Data obtained from the number of pre-test participants were 117 people. Data on the number of respondents who answered correctly for each question were 24.5%—100%. In this case, many factors affect the degree of public knowledge, the youth in the Buahbatu sub-district. It can be concluded that the level of youth's knowledge about the correct procedures for using masks needs to be increased.

Keywords—Covid-19 pandemic, health protocols, youth Knowledge

I. INTRODUCTION

The incidence of Covid-19 disease is evenly distributed throughout the world. In Indonesia, the province with the most cases of Covid-19 is West Java. The city with the most cases is in Bandung City, with Buahbatu sub-district as the second-highest sub-district after Sukajadi in the number of Covid-19 incidence rates [1,2]. Several factors caused this incident, but a very closely related element is the low level of public knowledge and understanding about Covid-19. In addition, people are increasingly tired and impatient in dealing with and undergoing situations in the conditions of the Covid-19 pandemic.

Overcoming the high incidence of a disease is not only the responsibility of the government itself. To solve health problems in an area, comprehensive cooperation with various stakeholders is needed. One approach that can be implemented is to use the Academic Health System (AHS). AHS is a system that shows the role of various stakeholders that can be activated to solve health problems. The part of the government, in this case, is the Puskesmas represent the ministry of health in the sub-district, the Unisba medical faculty represent the position of educational institutions, and the role of the community who actively responds to the program of the public health movement can be represented by various elements, including youth groups.

One of the youth organizations, namely the Indonesian Youth National Committee (KNPI) in the sub-district, has actively developed its territory. His innovation and creativity also hold various activities to overcome multiple problems in the Buah Batu sub-district. Some of the activities that have been carried out include providing basic necessities to residents affected by Covid, providing packaged rice and tajil during Ramadan, and spraying disinfectants in 4 Kelurahan, which also helped the elderly affected by Covid 19.

Based on the survey results and discussions with the KNPI chairman, although many activities have been carried out to help problems due to the Covid-19 pandemic, issues still arise. The behavior of residents who over time did not care and ignored even not using medical protocols in this new normal era of the covid-19 pandemic. Currently, many residents do not care about the process, for example, by not wearing masks. The impact can be seen in the increasing number of new cases of Covid-19 in November and December 2020. Based on the above, community service activities were carried out by a team of lecturers from the medical faculty of Unisba in collaboration

with KNPI. The group that will be fostered is the youth community, who are members of the Indonesian Youth National Committee (KNPI) organization in the Buahbatu sub-district.

In community service activities, the Unisba medical faculty team, in collaboration with this group, will conduct workshops on clean and healthy living behaviors and health care methods in the Covid-19 pandemic era.

II. METHODS

Clean and healthy living behavior in the Covid-19 Pandemic Era to young people in the Buahbatu sub-district was conducted online and offline at the sub-district office hall on March 18, 2021, which 117 participants attended. The questionnaires were distributed to participants by filling out a pre-test before the start of the socialization conducted by the team with a committee that came from members of the KNPI of the Buahbatu sub-district. The results of filling out the questionnaire were processed descriptively and presented in tables and graphs. Participants who will be fostered are youth communities members of the KNPI organization in the Buahbatu district. Questionnaire for youth participating in clean and healthy living behavior in the Covid Pandemic era to find out the level of knowledge in preventing transmission of Covid-19. A questionnaire about the causes, modes of transmission, and prevention methods, and the practice of implementing health protocols in the era of the covid-19 pandemic was shared.

III. RESULTS AND DISCUSSION

Based on the results of the data analysis of the questionnaire collection, it was obtained that there were 102 respondents who participated in the Phase 1 socialization activity with male gender 52% and female 48%. Based on the type of education of the respondents, most of them are educated at the junior high school level as much as 51%, this can be seen in table 1 as follows:

TABLE I. CHARACTERISTICS OF RESPONDENTS

Respondent Characteristics	total	(%)
Gender		
Male	53	52
Female	49	48
	102	100
Education		
Tidak sekolah	0	0
SD	0	0
SMP	52	51
SMA	33	32
Collage	17	17
	102	100

Based on the activity of respondents in the community, most of those who were enthusiastic about participating in activities and filling out questionnaires were young people who

were active in KNPI membership, this can be seen in the results of the questionnaire analysis as follows in Figure 1.

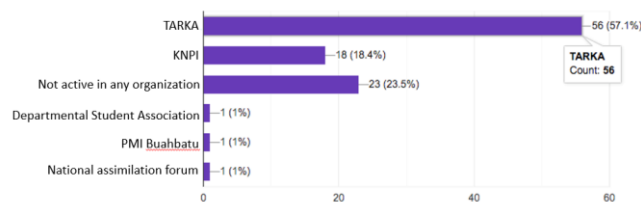


Fig. 1. Youth activity organization.

Most of those who participated in the socialization activities and filled out questionnaires were youths who were active in the membership of the Taruna Karya youth organization (57%). This is a matter of pride for the people of Buahbatu sub-district because they still have young people who are active in youth organizations, because most of today's youth do not care about their environment, prefer to be alone and find it difficult to get along.

TABLE II. QUESTION, FREQUENCY AND PERCENT

Question	Frequency	Percent (%)
1. What is the cause of COVID-19 disease?		
Correct answer	102	100
Wrong answer	0	0
2. COVID-19 originated in China, in which city did this disease first originate?		
Correct answer	102	100
Wrong answer	0	0
3. When was COVID-19 made a pandemic by the World Health Organization (WHO)?		
Correct answer	51	50
Wrong answer	51	50
4. How is COVID-19 transmitted?		
Correct answer	62	60.78
Wrong answer	40	39.22
5. What are the common symptoms of COVID-19?		
Correct answer	58	56.86
Wrong answer	44	43.14
6. The following are several types of COVID-19 tests. Which is the correct answer		
Correct answer	26	25.49
Wrong answer	76	74.51
7. Which is the treatment for COVID-19?		
Correct answer	38	37.25
Wrong answer	64	62.75
8. Which measures to prevent COVID-19 should be taken?		
Correct answer	59	57.84
Wrong answer	43	42.16
9. What is meant by 3M in the prevention of COVID-19?		
Correct answer	79	77.45
Wrong answer	23	22.55
10. Which is the correct way to wear a mask?		
Correct answer	25	24.51
Wrong answer	77	75.49

Based on the results of the pre-test analysis on socialization activities about PHBS in the Covid-19 pandemic era, most of the respondents had good knowledge about the causes of this,

as seen by the pre-test score of 100% of the respondents answered correctly on the question. Furthermore, regarding the prevention and implementation of 3M, most of the respondents answered correctly 58-77%, about the transmission mode of Covid-19, as many as 61% of respondents answered correctly. About the various symptoms caused by Covid-19, 57% of respondents answered correctly. However, most respondents still do not have the proper knowledge about how to use masks correctly. Only 25% of respondents answered correctly.

The current Covid-19 pandemic has made significant changes in various aspects of people's lives, such as education, health, industry, and even declining economic conditions. This pandemic situation is predicted to continue to become an endemic period, which means that the corona-19 virus will always be in the environment, so it requires an effort so that it is not easy to contract Covid-19 with various health efforts that have been recommended, such as washing hands, always wearing masks, reduce contact with others and maintain other clean and healthy lifestyles.

Based on this, it is hoped that the community will grow awareness to want to do and cooperate in carrying out public health programs, especially clean and healthy living behavior. The youth are the community groups that are expected to be proactive in carrying out the healthy community movement program. Youth is the generation of hope for the nation, who still have brilliant minds, a muscular physique, and creative and innovative power to overcome problems, including public health problems [3].

This activity can be carried out with the support of youth groups. Youth are the spearhead of development in their area,

who have a young soul, enthusiasm to work with various innovations, and high creativity [4]. Youth groups who are assisted and guided in activities to overcome health problems are expected to reduce the incidence of Covid-19 in the District [4,5].

IV. CONCLUSION

This pandemic situation is predicted to continue to become an endemic period, it is important to ensure community protect themselves. Youth organization is one group which can contribute to increase community knowledge and awareness

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REFERENCES

- [1] Satuan Tugas Penanganan COVID-19, Peta Sebaran COVID-19, [Online] retrieved from: <https://covid19.go.id/peta-sebaran-covid19>
- [2] Ayo Bandung, [Online] retrieved from: <https://ayobandung.com/read/2020/10/20/143230/sukajadi-dan-buahbatu-dua-kecamatan-dengan-kasus-positif-covid-19-aktif-terbanyak-di-bandung>
- [3] Badan Pusat Statistik Kota Bandung, Kecamatan Buahbatu dalam Angka 2019. Bandung: BPS Kota Bandung, 2019.
- [4] Pemkot Bandung Segera Selaraskan RPJMD 2018-2023 dengan RPJMN 2020-2024
- [5] Humas Bandung, [Online] retrieved from: <https://humas.bandung.go.id/layanan/pemkot-bandung-segera-selaraskan-rpjmd-2018-2023-d>