

Socialization of the Drug Awareness Family Movement: DAGUSIBU to PKK Members in Pandeyan Village, Boyolali Regency, Central Java

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Abstract : DAGUSIBU is an abbreviation of DA (get medicine correctly), GU (Use medicine correctly), SI (Store Medicine correctly) and BU (Dispose of medicine correctly). The level of knowledge of the Pandeyan Village community regarding how to use and store medicine is still relatively low. It is hoped that DAGUSIBU's socialization activities will make people care and realize the importance of health through good and correct medication management procedures. The method in this activity is carried out through socialization with presentations and questions and answers related to drug management material. The socialization went smoothly and the participants looked enthusiastic in how they received the message and asked questions about the method getting, how to use medicines, checking expiration dates and how to properly dispose of expired medicines. From this activity, it is hoped that participants will be able to apply DAGUSIBU to their families and environment.

Keywords: Dagusibu, Socialization, Medicine

Abstract : DAGUSIBU stands for DA (get medicine correctly), GU (use medicine correctly), SI (store medicine correctly) and BU (dispose of medicine correctly). The level of knowledge of the people of Pandeyan Village about how to use and store medicines is still relatively low. We hope that The DAGUSIBU socialization activity will raise awareness among the people and realize the importance of health through proper and correct drug management procedures. The method in this activity is carried out through socialization with presentations and questions and answers related to drug management material. The socialization went well and the participants looked enthusiastic from how to receive messages and asking questions about how to get, how to use, check expiration dates and dispose of expired drugs properly. From this activity, it is hoped that participants will be able to apply DAGUSIBU to their families and the environment.

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Introduction

National development efforts are currently focused on health development efforts by empowering the community in the health sector. Community health empowerment activities are an effort or process to increase awareness of the willingness and ability to maintain and improve health. Community empowerment in the health sector is a process of community development through increasing

community capacity, changing behavior and organizing the community in the health sector.

Knowledge about drugs is something that society must have. This is caused by the increase in self-medication carried out by the community which carries the risk of errors in drug use, storage, and even how to dispose of drugs that do not comply with the instructions that have been set. In drug management activities at home, it is known that there are still many people who do not understand the procedures and rules for using, storing and disposing of drugs. This can cause harm to society itself. To overcome this, the government has created a program regarding proper and correct drug management procedures through the DAGUSIBU program. The DAGUSIBU program is implemented for the public to better understand DAGUSIBU about good and correct medicines and health devices.

DAGUSIBU is a program to improve public health through health services provided by pharmaceutical personnel based on government regulation No. 51 concerning pharmaceutical work. DAGUSIBU is an abbreviation of DA (get medicine correctly), GU (Use medicine correctly), SI (Store Medicine correctly) and BU (Dispose of medicine correctly) . DAGUSIBU is a program from the Indonesian Pharmacists Association (IAI). This program usually only takes the form of a poster or pamphlet posted in health facilities. However, there is very little socialization regarding this program so it is necessary to provide information directly to the public (Andi Zulbayu et al. 2021) .

Health efforts are activities that prioritize the highest level of health for the community and are a form of safe health promotion and use pharmaceutical preparations and medical devices. It is felt that efforts to improve health status are still not optimal. Various health problems, including the use of drugs and medical devices, are still encountered in communities around the village. These problems include drug abuse such as the distribution of counterfeit drugs, and inappropriate methods of use.

Based on observations, the level of knowledge of the Pandeyan Village community regarding how to use and store medicine properly and correctly is still relatively low. Where people still don't understand and have never received information about DAGUSIBU including how to obtain medicine, store medicine, use medicine and how to dispose of medicine correctly. With this lack of understanding, it is deemed necessary to conduct DAGUSIBU outreach activities to the community, especially PKK members in Pandeyan Village, so that control of the disease is more effective. It is hoped that holding this socialization activity can help the community to care and realize the importance of health so that community health independence can be achieved (Inherni Marti Abna et al. 2022) .

Method

The DAGUSIBU socialization activity was carried out on July 31 2023. The location for this activity was the village hall in Pandeyan Village, Ngemplak District, Boyolali Regency. Socialization was carried out among PKK members in Pandeyan

Village. The method used in this socialization is the socialization method in the form of presentations and questions and answers related to drug management material. To help understand material regarding drug management, socialization is assisted using visual media including *leaflets* and *power points*.



Figure 1 DAGUSIBU Socialization Participant Registration Process and Leaflet Distribution

The activity began with participant registration and opening remarks from the Socialization Coordinator and *Master of Ceremonies*, then continued with a presentation of material containing how to get medicines based on drug classification, how to use medicines based on how to use them, duration of use, time of use, how to store medicines correctly. , how to properly dispose of medication based on the dosage form. Followed by a discussion and question and answer session, participants are invited to ask questions related to the material presented or problems related to the use and handling of medication currently or in the past.

Results and Discussion

This socialization activity began with coordination regarding problems existing in the community regarding knowledge about DAGUSIBU and proposals for solving them, so that in the end it was decided to carry out socialization activities for the Drug Aware Family Movement: DAGUSIBU. The correct socialization of Dagusibu (get, use, store and dispose of medicine) was carried out in the Pandeyan village hall, attended by 15 PKK members from Pandeyan village, Boyolali. The activity was carried out at 15.30 WIB until finished with a time allocation of 2 hours.

DAGUSIBU socialization is an effort to increase knowledge and accuracy in drug use. Socialization is carried out in the form of a presentation using the lecture method from the presenter. To optimize activities before receiving the material, the DAGUSIBU team distributed leaflets containing information about the good and correct drug DAGUSIBU.

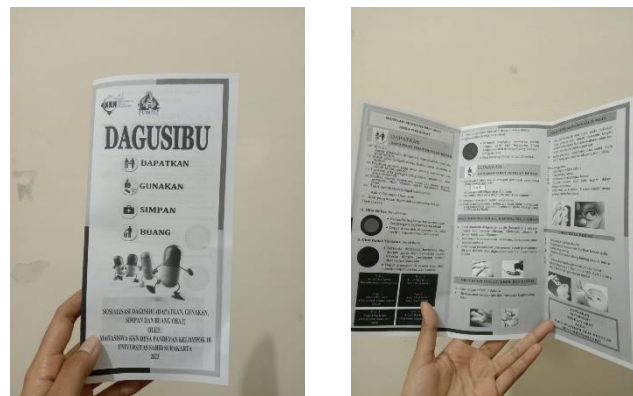


Figure 2 DAGUSIBU Leaflet Correct Medicine

The socialization material delivered is a method get medicine that suits your complaints and illnesses, how to get medicine in the right place , namely at pharmaceutical facilities including pharmacies, hospitals, clinics, health centers and licensed medicine shops (Pande Made Desy Ratnasari et al. 2022) . Participants were explained about the classification of drugs, including over-the-counter drugs, limited over-the-counter drugs, hard drugs and psychotropic narcotic drugs (Chusun, Nuha, and Husni Sanjaya 2022) . Participants are expected to understand the various types of drug classes so that they are wiser in choosing the drugs they will buy and use. The participants were emphasized about the differences between each class of drugs as well as how to get them and whether or not it was mandatory to purchase drugs using a doctor's prescription. After this outreach, it is hoped that the public will understand more about the impact of rational drug use.

The socialization participants were also explained about things that must be paid attention to when handling medicines, such as checking the expiration date of medicines, recognizing the registration number and batch number of medicines on the packaging, and paying more attention to how to use medicines properly and correctly. Next, the speaker explained how, when and how long to use the appropriate medication with instructions (Ramdini et al. 2020) . In delivering the material, it is explained how to use drugs in special dosage forms such as suppositories, ear drops, nose drops and inhalers.

Followed by the delivery of material on how to store medicines properly and correctly according to the type of preparation. Improper drug storage can reduce the stability of the drug which will affect the effectiveness of the drug in providing therapeutic effects. Storage of medicines that do not require special conditions should be stored in medicine boxes that are protected from direct sunlight and not accessible to children (Prabandari and Febrianti 2016) .

Medicines are included in the category of products that are quite sensitive to direct sunlight, damp conditions, or other conditions that can damage some or all of the components contained in the medicine. This damage can cause or influence the effects that will occur if consumed so that the treatment is not optimal.

As well as how to properly dispose of expired medication. The aim is to avoid misuse

of damaged/expired/used drugs in containers medication remove all labels from medication containers. For solid medicine, it must be crushed first , then mixed with soil, then put in plastic and thrown away in the trash , and for liquid medicine, it must be diluted first with water and then thrown into the toilet, except for antibiotic medicine, it must be thrown away in its container by removing or damaging the label. . (Khairani, Latifah, and Nila Septianingrum 2021)



Gambar 3 Pelaksanaan Sosialisasi DAGUSIBU

All participants who took part in the socialization were very enthusiastic in listening when the presenter explained. Likewise, in the question and answer session, participants gave good responses judging by questions based on personal experiences related to drug use. Various questions from participants illustrate curiosity about proper management. The enthusiasm of the PKK members was seen when listening to and taking notes on the explanations given by the presenters regarding the correct use and handling of medicines.



Figure 4Photo with DAGUSIBU Socialization Participants

When the DAGUSIBU socialization was initially carried out, it was discovered that all participants had not or even had no knowledge of the correct use and handling of drugs (DAGUSIBU). After this socialization was carried out, all participants understood how to use and handle medicines properly and correctly, such as purchasing the right medicines, storing them correctly and disposing of them properly.

Conclusion

The socialization of DAGUSIBU (GET, USE, SAVE, and DISPOSE) of medicines went smoothly, PKK members were enthusiastic in participating in this socialization. With this activity, it is hoped that PKK members can apply the socialization material they have obtained to their families and environment. This can help achieve government programs in improving health services for the community.

Confession

We would like to thank Sahid University Surakarta for permission to carry out this community service. Apart from that, we would like to thank the PKK members of Pandeyan Village for their willingness to take part in the DAGUSIBU socialization that we held.

Bibliography

- Andi Zulbayu, La Ode Muhammad, Nur Herlina Nasir, Nur Awaliyah, and Rizky Juliansyah. 2021. "DAGUSIBU Education (Get, Use, Save and Dispose) Medicines in Pulasana Village, North Moramo District, South Konawe Regency." *Mandala Journal of Community Service* 2 (2): 40–45. <https://doi.org/10.35311/jmpm.v2i2.29>.
- Chusun, Nabila Nuha, and Mira Husni Sanjaya. 2022. "Education on Drug Classification and 'Dagusibu' to Mothers." *ASTA Newsletter* 02 (01): 1–12.
- Inherni Marti Abna, Mellova Amir, Aprilita Rinayanti, Hermanus Ehe Hurit, and Ayu Puspitalena. 2022. "Public Education by Increasing Cadre Knowledge as an Effort to Prevent and Control Tuberculosis (Tb) During the Pandemic in Duri Kepa Village, West Jakarta." *J-ABDI: Journal of Community Service* 2 (3): 4545–54. <https://doi.org/10.53625/jabdi.v2i3.3044>.
- Khairani, Revina Nurma, Elmiawati Latifah, and Ni Made Ayu Nila Septianingrum. 2021. "Evaluation of Expired Medicines, Damaged Medicines and Dead Stock in Magelang Regional Health Centers." *Indonesian Journal of Pharmacy and Pharmaceutical Sciences* 8 (1): 91. <https://doi.org/10.20473/jfiki.v8i12021.91-97>.
- Pande Made Desy Ratnasari, Kadek Duwi Cahyadi, Elizabeth Oriana Jawa La, Gede Arya Rizky Artana, Laili Kurnia Rizqy, and Ni Kadek Mirah Rahayu. 2022. "Counseling on How to Get, Use, Store and Dispose of (DAGUSIBU) Medicines Correctly in Kekeran Village, Bali." *Randang Tana - Journal of Community Service* 5 (3): 178–87. <https://doi.org/10.36928/jrt.v5i3.1128>.
- Prabandari, Sari, and Rizky Febriyanti. 2016. "Socialization of Dagusibu Drug Management (Get, Use, Save, Dispose) in Pesurungan Kidul Village, Tegal City with the Tegal Indonesian Pharmacists Association." *Parathinkers*:

Pharmaceutical Scientific Journal 5 (1): 53–54.
<https://doi.org/10.30591/pjif.v5i1.316>.

Ramdini, Dwi Aulia, Ramadhan Triyandi, Muhammad Iqbal, Muhammad Fitra Wardhana, Merry Indah Sari, and Dwita Oktaria. 2020. "Introduction of Dagusibu to Posyandu Cadres in Munca Village, Hanura District, Pesawaran Regency." *JPM Ruwa* , 40–44. <http://repository.lppm.unila.ac.id/25707/>.