

# JOURNAL OF HEALTH COMMUNITY SERVICE



## Introduction to the Pharmacy Profession in Early Children at Al-Hijrah Orphanage Sigi

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### ARTICLE INFORMATION

Received: August 15, 2022

Revised: August 26, 2022

Available online: September 2022

### KEYWORDS

Pharmacists, Role, Drug Management, DAGUSIBU

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### A B S T R A C T

The pharmacist profession is closely related to drugs, both in drug manufacture, drug management and drug use in society. Introducing the pharmacist profession to the public, especially in early childhood, is important to introduce and increase early childhood knowledge on how to get, use, store and dispose of drugs properly (DAGUSIBU). This community service activity was carried out at the Al-Hijrah Orphanage, Sigi Regency with the target of all students in the orphanage. The method used was lecture method, namely by explaining information about how to get, use, store and dispose of drugs (DAGUSIBU). This service activity, it began with introducing the service team along with a description of the work being carried out, then continued by explaining the material. The material presented was about the duties and functions of pharmacists in the community, then material on how to get, use, store and dispose of drugs (DAGUSIBU). At the end of the activity, a game was held in the form of questions about the material that has been explained to the participants. There were several things about the use of drugs that are already known and knowledge was getting better after these activities were carried out.

## INTRODUCTION

Pharmacy is one of the fields in which there is the science of dispensing drugs, and providing drug preparations and services to patients, which have important roles in society. The pharmaceutical profession is still not widely known by the public. If you look at it, actually pharmacy has an important role in public health. Because a pharmacist knows and has more control and is the most competent in terms of medicine. Pharmacists need to be introduced to the community, because pharmacists also have an important role in public health (Patimah et al., 2022).

The roles carried out by pharmacists in the community are providing pharmaceutical services to patients and interacting directly or patient care. Yet, pharmacists as part of health workers are not well known in the community, most people just knowing the role of doctors and nurses in providing health services. Pharmacists who practice in service facilities are only considered drug sellers or drug providers, even though the role of pharmacy is more important than the stigma. It is also important to introduce the role of pharmacists in the use of drugs in society, especially regarding obtaining drugs, using drugs, storing drugs and disposing of drugs in the right and proper way (Astutiningsih et al., 2021).

Pharmaceutical service is a service that is direct and responsible for patients related to pharmaceutical preparations which aim to achieve good results to improve patients' quality of life. Currently, the paradigm of pharmaceutical services has changed to be patient oriented. In addition to playing an

important role in ensuring the quality, benefits, safety and efficacy of pharmaceutical preparations and medical devices, pharmaceutical services also aim to protect patients and the public from irrational use of drugs (Departemen Kesehatan RI, 2016). Pharmaceutical services that are carried out appropriately based on pharmaceutical service standards can increase consumer satisfaction (Diana et al., 2022).

Drugs are pharmaceutical preparations which are the pharmacist's authority in their management in pharmaceutical facilities. One of the pharmaceutical service activities based on pharmaceutical service standards in hospitals is the provision of drug information (PIO). PIO is an activity of providing and providing independent, accurate, unusual, current, and comprehensive information, and drug recommendations by pharmacists to doctors, other pharmacists, nurses, other health professionals as well as patients and other parties outside the hospital (Ministry of Health, 2016). One of the PIO activities is the publication of leaflets about drugs or information related to drugs that are beneficial to patients/community (Purwaningsih et al., 2021; Sari, 2014).

Al-Hijrah Sigi Orphanage has been one of the orphanages in the Sigi Regency area since 2012. The orphanage is in an area that is quite close to the city center, health care facilities, and crowds. However, it turns out that the pharmacist is not well known by the orphanage administrators and the students/children at the orphanage. So, this service activity needs to be carried out at that location.

## **METHOD**

This activity was carried out with partners, namely the Al-Hijrah Orphanage as a pharmaceutical facility with the following details:

### **a. Introduction/Socialization of the Pharmacist Profession**

Socialization to children and administrators of the Al-Hijrah Orphanage was one part of clinical pharmacy that must be done to introduce the pharmaceutical profession and how to apply DAGUSIBU at the Al-Hijrah Orphanage. The introduction of the pharmacist profession was carried out by the service team by explaining what the duties and responsibilities of the pharmacist were, and what the scope of their work in the community was.

### **b. Education about DAGUSIBU (get, use, store and dispose of medicine)**

The educational materials included how to get the medicine, use medicine, and store and dispose of medicine that is owned correctly and appropriately. With education carried out in early childhood, the use of drugs in children from an early age can be done in the right way. The use of drugs that are appropriate and correct, can avoid unwanted events surrounding the use of drugs (adverse drug reactions).

## RESULT AND DISCUSSION

Community service activities have been carried out for students at the Al-Hijrah Sigi Orphanage to introduce the pharmacist profession and use drugs correctly. The activity was carried out by four service teams and was attended by 25 children/students of the Orphanage and the orphanage builder. The orphanage students are around 7-15 years old and consist of both males and females.

In participating in the service activities, the participants were enthusiastic in listening to the material given by the service team and when participating in the games given at the end of the activity to evaluate the material that had been delivered. From the games that were given, the participants were able to answer correctly and explain all the questions that were given properly.

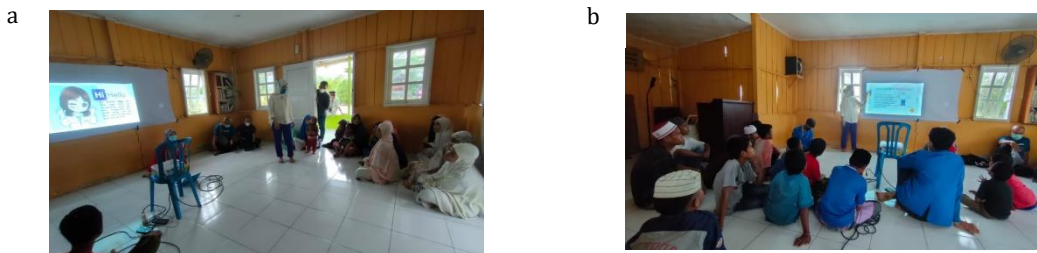


Figure. 1 (a) girls orphan side; (b) boys orphan side

Source: Primary Source (March 27, 2022)

## CONCLUSION

From community service activities, namely the introduction of the pharmacist profession in students that have been carried out, it can be concluded as follows: A positive image formed from the early age of children participating in the activities at the Al-Hijrah Orphanage towards the pharmacist profession in the service activities that have been carried out. Participants can demonstrate how to get, use, store, and dispose of the medicines properly according to the theory that has been given.

## UNKNOWLEDGEMENTS

Acknowledgements are given to Al-hijrah Orphanage who allows enlighten their children about pharmacists and deliver proper knowledge about medicines frequently used.

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