

UNIVERSITI TEKNOLOGI MARA

**CONTRIBUTION FACTORS TO MEDICATION
ERROR AMONG PHARMACY PROFESSIONAL IN
HOSPITAL SELAYANG, SELANGOR.**

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2015

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2015

Submitted in partial fulfilment for the Diploma In Pharmacy

Faculty of Pharmacy

March 2018

Abstract

Pharmacy professional should take serious about medication error since it can give harmful implication towards patient and the pharmacy professional their selves. The factor that most contribute to medication error in Hospital Selayang has been observed and studied. There are many factors that can lead to medication errors, as example, heavy workload, look alike sound alike (LASA), illegible handwriting, personal problem, lack of therapeutic training, and lack of knowledge of medication. Thus to collect the data, we have distributed questionnaires among the pharmacy professional in Hospital Selayang which involving pharmacists, pharmacy technicians and also pharmacy students. The focus of this study is to identify the most factors that lead the pharmacy professionals to make medication error. Most of the respondents have choose heavy workload as the main factor that contribute to medication error. Heavy workload which is they are having a lot of work that they need to handle, increasing number of patients, or does not enough workers in certain pharmacy department. Beside that, we relate their timeframe experiences of working and the frequency of medication error that they have made. We key in the data that we collect from the filled questionnaires in the SPSS (Statistical Package for the Social Sciences) version 16.0 to get the exact result that have been interpreted into table and graph form. From the result, pharmacies professional that have longer experiences in working are rarely make medication errors compare to pharmacy professional who have short timeframe of experiences. In this study, the contribution factors to the medication error is depend on which department they are attached. By finding the factors, it is easier to find a way and solution to reduce medication error from occurs such as, counter checking the medication

before it reach the patients. As the conclusion, heavy workload is one of the main factors that can lead pharmacy professional to make medication error.

ACKNOWLEDGEMENT

While completing this report, a lot of help and guidance are required from many people. We are fortunate to have been receiving many guidelines and cooperation along the completion of our final year project. Thus, we are using this opportunity to express our gratitude to everyone that has helped us directly and indirectly in finishing this project.

First of all, we would like to convey our gratefulness to our beloved supervisor Dr. Azwandi Ahmad for sacrificing his time while helping us in finishing this project. He also SDhas given us his nonstop support and guides us throughout the time to finish this final year project.

Besides, we would also like to expand our gratitude to our preceptor, Madam Lim Siew Laun for her help and cooperation that she gave during the distribution of our questionnaire to pharmacy professional in order to collect the data needed for this project.

Last but not least, we would like to give our deepest gratitude to all pharmacy professionals that have been participated in answering our questionnaire. This has helped us a lot in collecting data to achieve our aim and objective of our final year project.

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