



UNIVERSITI TEKNOLOGI MARA

THE PREVALENCE OF MEDICATION ERRORS AMONG GERIATRIC IN OUTPATIENT PHARMACY SARAWAK GENERAL HOSPITAL

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**DIPLOMA IN PHARMACY,
FACULTY OF PHARMACY,
UNIVERSITI TEKNOLOGI MARA
PULAU PINANG**

2013

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Submitted in part fulfillment for the Degree of Diploma of Pharmacy in the
Faculty of Pharmacy,
Universiti Teknologi MARA
Pulau Pinang

2013

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ABSTRACT

A research study has been done on medication error among geriatric patients to obtain the prevalence and strategies to minimize the errors. This study focuses on error that can be detected through their prescription and the outcomes are very crucial for all of the medical staffs to be aware of. This research was done in Sarawak General Hospital, in Outpatient Pharmacy Department. Our study population are geriatric patients above 60 years old. A retrospective study conducted involved the screening of prescription for 5 months periods. Errors were traced by checking their prescription details which are patient's information, date, diagnosis, medication name, strength of medication, frequency, and absence of specialist signature or prescriber name. The number of prescriptions received by the pharmacy was in the range of minimum 800 prescriptions and maximum 1,300 prescriptions per day. Data obtained has been analysed using Microsoft Excel 2007. An average of 32% percent of the prescriptions is categorized under geriatric patient per month. Out of 32%, 4.5% of them have medication error problems. It was estimated that medication error could reach up to 2000 for 5 months period. As from the result that has been achieved, the prevalence of medication error among geriatric patient is 6.86%. Problems involving prescriber's information, signature and countersign had the most number of errors and the lowest is error in medication given to the patients.

ACKNOWLEDGEMENT

First of all, we would like to express our gratitude to all of those who have work hard in contributing any of the ideas to complete this research study as our final project in graduating Diploma in Pharmacy course at UiTM Pulau Pinang. A million thanks we dedicated to the Department of Pharmacy Sarawak General Hospital for giving us many opportunities as well as guiding us in fulfil our requirement in order to start out research project.

The special thank also goes to our supervisor, Miss Laura Chan. Her supervision and support in giving us fresh ideas were very helpful during this report writing progress. Besides, we also feel very grateful for the presence of our visiting lecturer, Mr. Mohd. Shahezwan as he guided us in writing a good research study. Plus, to our lecturers of Faculty of Pharmacy; Madam Siti Normiyah, Madam Che Noriah and others who have always giving us their advices and comments about our research progressively in order to make sure all task have been done smoothly.

In addition, this gratitude also refers to all pharmacy's staffs in Sarawak general hospital (SGH) that helped in the surveys and data collection regarding our topic. Any difficulties faced have been handled wisely with their monitoring.

Last but not least, thank you a lots to our fellow friends and family members for supporting us directly or indirectly to finalised our research study.

Thank you.

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