

UNIVERSITI TEKNOLOGI MARA
KAMPUS BERTAM
APRIL 2009

FACULTY OF PHARMACY



A STUDY OF METHADONE
MAINTENANCE TREATMENT
PROGRAM (MMT) IN HOSPITAL
TENGGU AMPUAN AFZAN, KUANTAN
PAHANG DARUL MAKMUR

MOHD IKHWAN B. SAZALI

MAIZATUL FAZILAH BT. ABDUL RAZAK
NUR DHIYA BT. MOKHTAR

Acknowledgement

First and foremost, a great thanks to ALLAH S.W.T, the Almighty God because of His permission allowed us to finish this report on the given period. We are grateful to the staff of Pharmacy Department in Hospital Tengku Ampuan Afzan, Kuantan who generously contributed their time and effort to help us make this research. Unforgettable, we are also appreciating the co-operation of the Methadone Clinic's staff who help us to get more information and description about our research. We would like to acknowledge the contribution of our honored supervisor Puan Rohaya Binti Sulaiman who provided many helpful guidance, comments and suggestion. We owe special thanks to our coordinator, Cik Siti Nur Fadzillah Binti Muhsain and our visiting lecturer, Professor Dr Wong Ting Wui who had encouraged us and gave us general guidance regarding this report and the presentation.

We would also like to thank our faculty for giving us opportunity to present and discuss about methadone topic that we think is necessary for us to gain more knowledge and information. This topic is very useful for us to learn more about Methadone Maintenance Treatment Program and gave us more information. We would particularly like to express our thanks to our panels who are who are willing to give us useful suggestions and comments. Without the enthusiastic help of all these people, this report and the presentation would not have been possible.

Finally, once again, we would like to thank to all people that contribute in making this research possible.

Thank you.

TABLE OF CONTENTS

Acknowledgement	i
Table of Contents	ii
List of Tables	iv
List of Figures	iv
Abstract	v
CHAPTER 1: INTRODUCTION	1
CHAPTER 2: LITERATURE REVIEW	10
2.1 Previous Literature Reviews	10
2.1.1 Crime and Justice Statistic	10
2.1.2 Drug Policy Alliance; Lindesmith Library	10
2.1.3 Best Practice: Methadone Maintenance Treatment	11
CHAPTER 3: AIM AND OBJECTIVES	12
CHAPTER 4: MATERIALS AND METHODS	13
4.1 Study Design	13
4.2 Study Subject	14
4.3 Data Collection	14

Abstract

This document provides information on evidence-based in methadone maintenance treatment program, which has been run for more than 2 years in Hospital Tengku Ampuan Afzan, Kuantan Pahang and the key components of comprehensive methadone Maintenance Treatment Program.

Links to the published literature are noted in footnote of the pages. In this document, the chapter entitled “Result and Discussion” will take you further in discussing the effectiveness of methadone based on surveyed run to methadone patients. A list of references and further suggested reading is included at the end of the document. All other non-references material represents the wealth of clinical, patient wisdom and experience contributed by the many individuals who were consulted during the course of the research project.

This document is designed for use by program developers and healthcare practitioners who are working in – and across – federal, provincial and territorial government departments and agencies to increase access to Methadone Maintenance Treatment Program. Although this document was not written explicitly for clients/patients or their families, the information it contains may be useful for them as well.

Ideally, this document will contribute to:

- Increased awareness among practitioners and service providers;
- Engagement and retention of clients/patients; and
- Improved treatment outcomes.

Chapter 1: Introduction

1.1 Purpose of This Document

This document is created with intention to give valuable information on Methadone Maintenance Treatment Program. It is hoped to be an educational tool which synthesizes knowledge about Methadone Maintenance Treatment Program design and shows how effective it can be. It contributes to an ongoing process of knowledge development and education for policy makers, health and social services professionals responding to the issues of opiod dependence.

Providing this information is not intended to tell policy makers or people working in field what they must do; rather it provides a summary of what current research and expert opinion – from within Malaysia and abroad – additional information in the field of Methadone Maintenance Treatment Program.

In collaboration with Hospital Tengku Ampuan Afzan Kuantan (HTAA)¹, we try to give as much as we can to provide good and valuable additional information to the hospital and other practitioners to enhance their services in Methadone Maintenance Treatment Program.

In this document has been developed as a stand-alone information sources, in that it is not intended to replace, but rather to serve as a companion and reliable resources to existing federal or provincial guidelines for Methadone Maintenance Treatment Program. For further information on providing methadone maintenance treatment, readers must consult the current national guidelines (National Policy and Standard Operating Procedures for Methadone Maintenance Treatment Program, Ministry of Health, November 2005)² and provincial guidelines, where these exist or are being developed.

¹ HTAA is one of the earliest government hospital in Malaysia involved in providing Methadone Maintenance Treatment Program. Situated in capital city of Kuantan, Pahang., it gives greater access to patient in order to get the treatment. HTAA has involved in providing MMT service for more than 2 years.

² Published in November 2005, this book serves as an effective approach for healthcare practitioners in Malaysia to run the services comprehensively.