#### **CHAPTER V**



### PRESENTATION

This chapter provides a set of slide presentation for final examination. The background of hypertension, epidemiology, and situation of target area were included. The proposal of self-care promotion, an intervention to improve self-care practice for patients with hypertension, objectives, hypothesis, conceptual framework, research method, intervention activities, data processing and data analysis were shown. In addition, in data exercise part, the procedure of questionnaire construction and reliability estimation has been presented. Furthermore, lesson learnt was presented at the end of the presentation.

### Self-Care Promotion: An Intervention to Improve Self-Care Practices for Hypertensive Patients in Pasak Sub-district, Chiang Rai Province

By

Orapin Chaipayom

## **Outline of presentation**

- Part I Background of hypertension, target area, and situation analysis
- Part II Research questions, objectives, hypothesis, conceptual framework, and research method
- Part III Intervention activities, and data analysis
- Part IV Data exercise

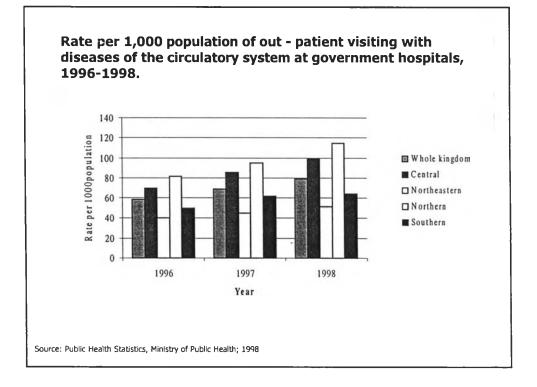
## Introduction

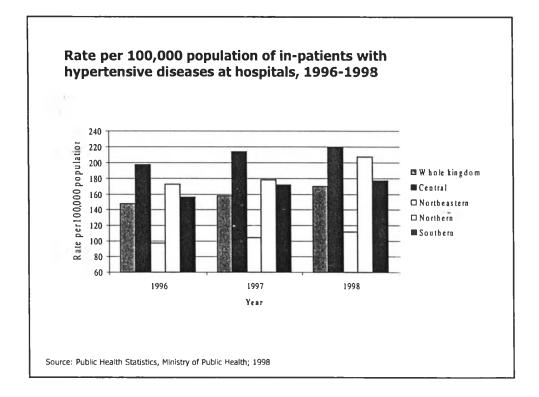
- Hypertension is the most common cardiovascular disorder, one of the major risk of cardiovascular mortality (WHO, 2002)
- Changes in people lifestyle non-communicable disease have become to leading cause of health problem
- Circulatory disease are estimated to now account for 25% of all death in developing countries (WHO, 1997)
- Cardiovascular disease is the 1<sup>st</sup> leading cause of death among Thai people (MOPH, 2002)

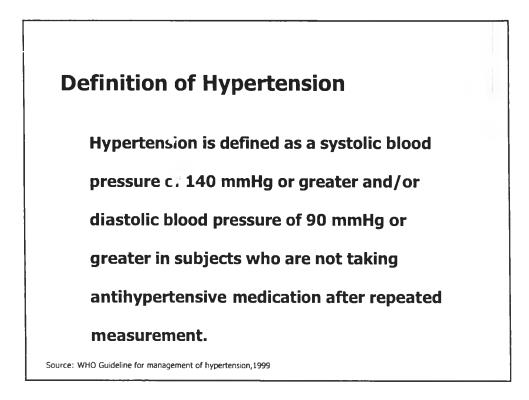
# The increasing importance of hypertension

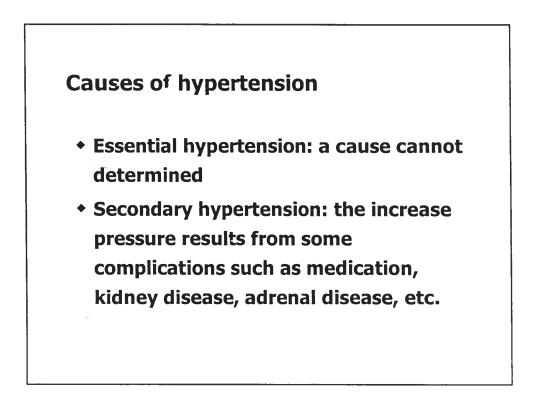
- Hypertension report rate up to 20-26% of the adult population.
- Since people live longer, they are exposed to disease of old age such as hypertension and cardiovascular disease.
- Some 60 million people worldwide have high blood pressure and nearly 3 million die every year as a direct result.
- Seven out of every 10 people with hypertension are not being treated adequately.

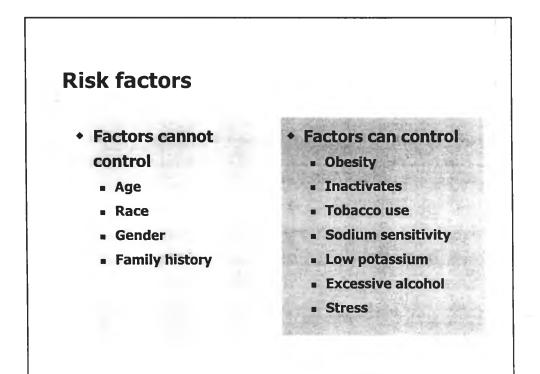
Source: WHO and the International Society of Hypertension, 1999



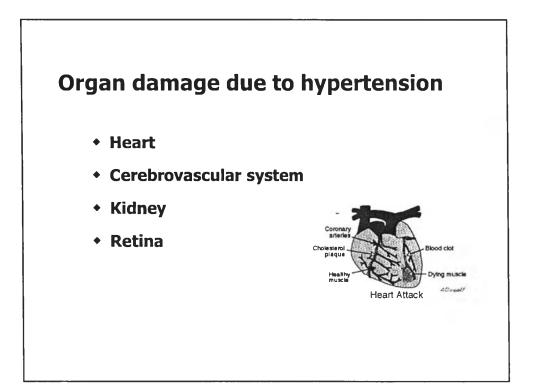






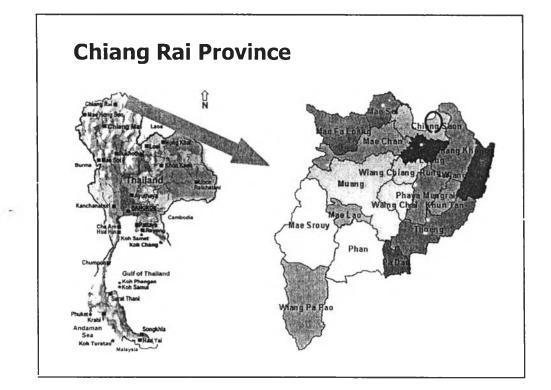


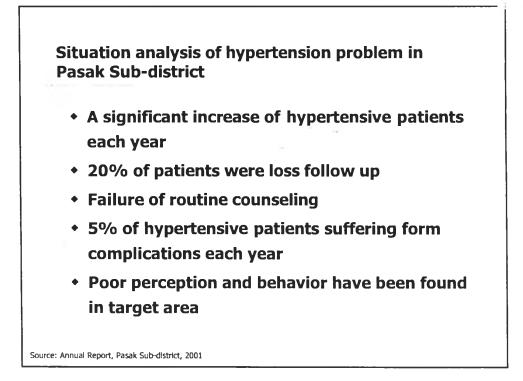
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- Pharmacological treatment
- Lifestyle modification
  - Smoking cessation
  - Weight reduction
  - Limit alcohol
  - Reduction in salt intake
  - Dietary change
  - Increase physical activities
  - Manage stress





## **Research Questions**

1. Can a self-care promotion program given to hypertensive patients improve the perceived severity and vulnerability to complications, self-efficacy and response efficacy of preventive behaviors in preventing complications?

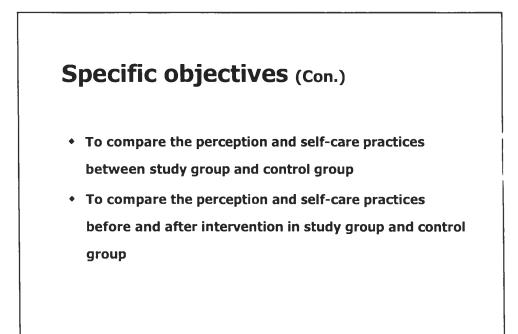
2. Can a self-care promotion program given to hypertensive patients improve their self-care practices?

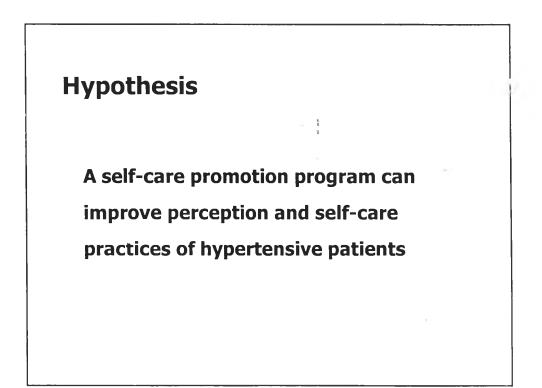
### **General objective**

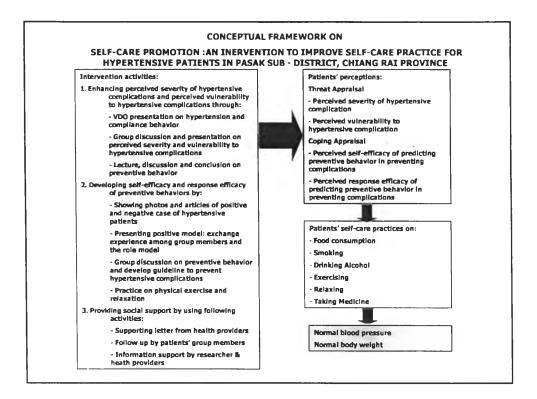
To assess the effectiveness of a self-care promotion program to mprove self-care practices among hypertensive patients

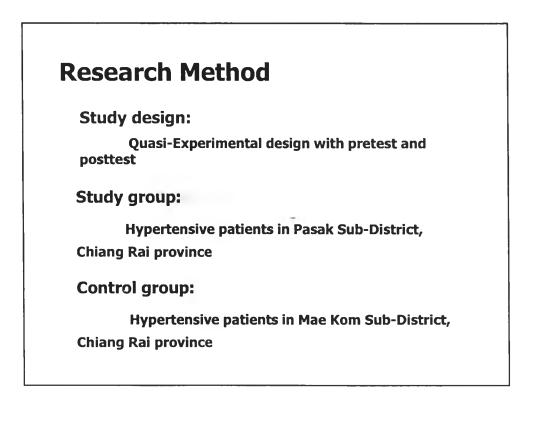
## **Specific objectives**

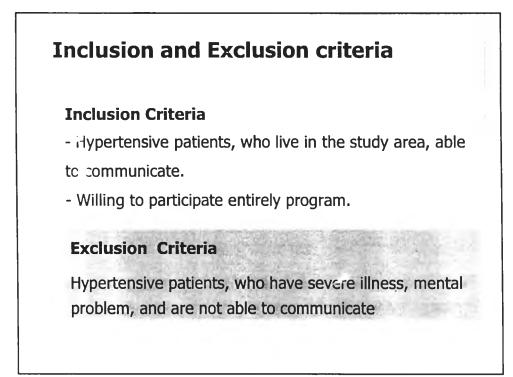
- To develop the appropriate self-care promotion program for hypertensive patients
- To improve perceived severity, vulnerability to complications, self-efficacy and response efficacy of preventive behaviors in preventing complications of hypertensive patients
- To improve self-care practices of hypertensive patients through a self-care promotion program













Part I Socio demographic data

Part II Hypertensive patient's perception on

threat

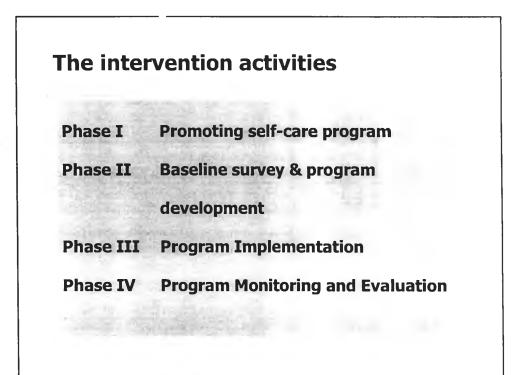
a) Perceived Severity of Hypertensive Complications.

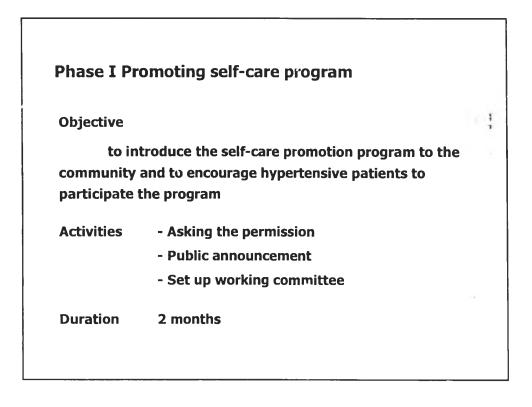
b) Perceived Vulnerability to Hypertensive Complications.

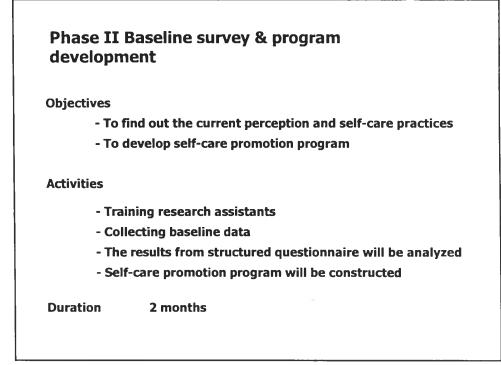
Part III Perceived Self-efficacy

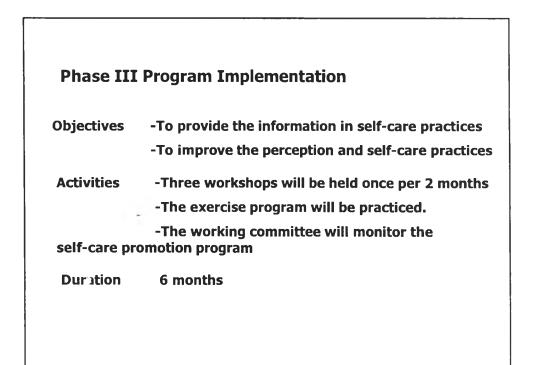
**Part IV Perceived Response Efficacy** 

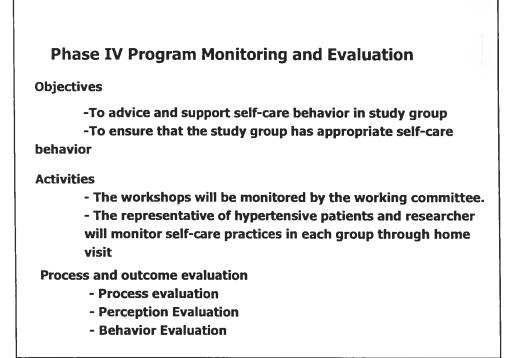
Part V Self-care practices

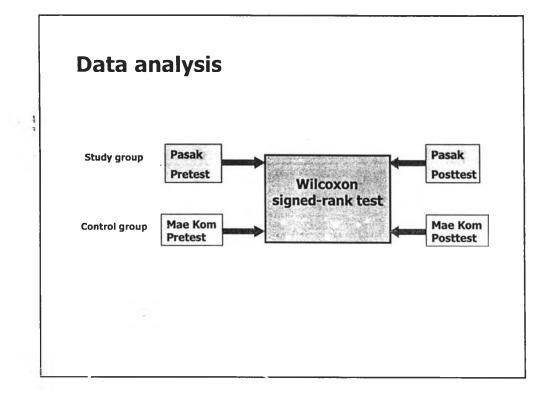


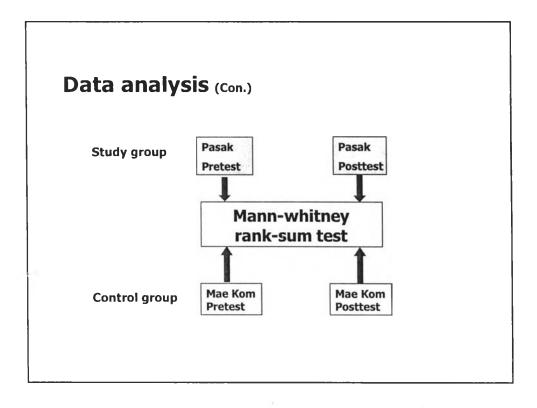






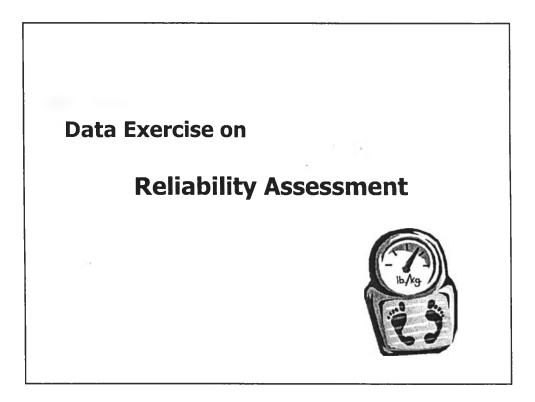


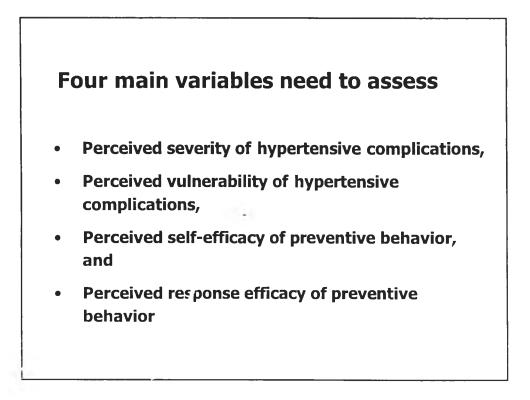


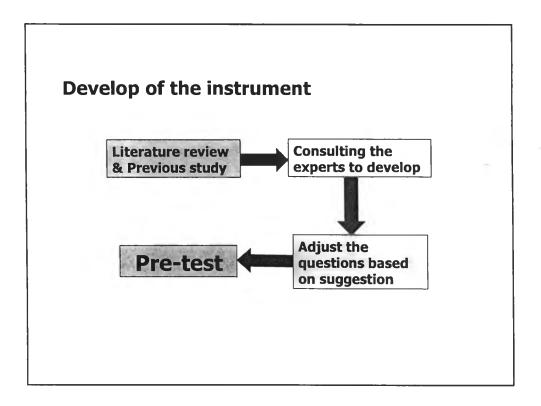


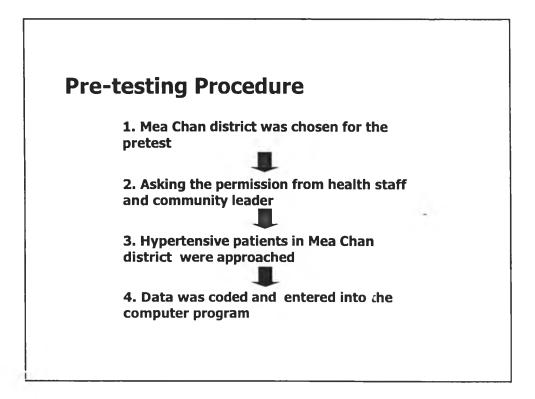
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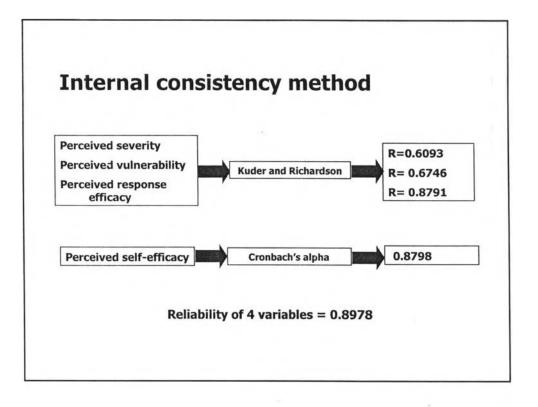
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Activities	1	Year 2003												1ear 2004				
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1. Promotion self-care program																		r
<ul> <li>Asking the permission from the</li> </ul>	X																	t
community leader		Ι																t
- Public Announcing	X	X														_		Î
<ul> <li>Set up working committee</li> </ul>	I	X																Ī
2. Baseline survey & program development	Ι	Ι		Ι	I													Î
- Training Research Assistanta			х		Ι													I
- Data collection for pretext		$\Gamma^{-}$	X	I														I
- Data processing and analysis				X														Ī
<ul> <li>Meeting with working committee</li> </ul>			X	X	X													Ī
- Construct self-care program					X	X										_		Ī
- Prepareing material for workshop			Ι.		Ι	x												Î
3. Program implementation		I			I						Ι							I
- 1st workshop				[			X					ר ה						I
- 2nd workshop		[							X								1	T
- 3rd workshop								_			x							I
- Program monitoring				I			X	X	X	X	X							T
4. Program evaluation																		I
<ul> <li>Workship evaluation</li> </ul>							X		х		X	х	X					I
- Date collection for positest			-	L										X				Ţ
- Data processing and analysis		1			L	<u> </u>								x	x	X		l
5. Report writing		1	1	L	L			I									X	1
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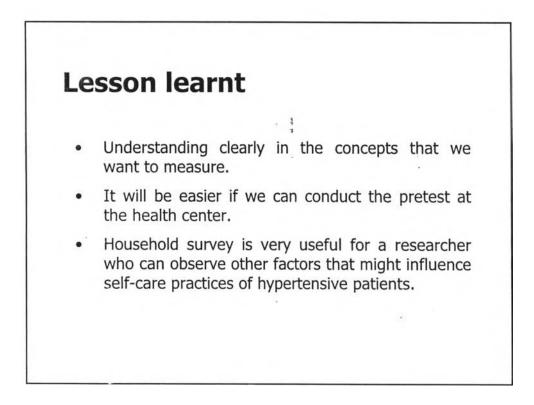












## Acknowledgements

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