

**STUDY OF TAMSULOSIN 0.4MG TABLET & ALFUZOSIN 10MG
TABLET ACCORDING THE USES & SIDE EFFECTS**



**DIPLOMA OF PHARMACY IN THE
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ABSTRACT

Introduction: Benign Prostatic Hyperplasia is the most common illness problem highlighted in male. BPH can cause a weak or interruption of urinary system or uncomfortable feeling during urination. **Objective:** This study is to determine the usage, side effects and the effectiveness of Tamsulosin and Alfuzosin as an Alpha Blocker group in treating BPH. **Methodology:** A retrospective sampling technique was used to conduct this study. 10 successful patient's progression data between October 2010 until January 2011 in outpatient department Hospital Selayang were selected for this study. **Result:** The patient show some urologic progression for several months after taking the first time usage of Alpha Blocker. Some of the patient's data presents Tamsulosin 0.4mg tablet bring more effectiveness than the Alfuzosin 10mg. Alfuzosin will come up more side effect, thus adding to patient's discomfort. **Conclusion:** Most of the patient who having Benign Prostatic Hyperplasia symptoms become improved after taking all these two medications.

Keywords: Benign Prostatic Hyperplasia, Tamsulosin, Alfuzosin, symptoms, side effects and effectiveness Alpha Blocker group

CHAPTER 1: INTRODUCTION

Urology is a surgical specialty which deals with diseases of the male and female urinary tract and reproductive organs..Under Urology topic, the common illness problem highlighted is Benign Prostatic Hyperplasia or also known as BPH around men.

BENIGN PROSTATIC HYPERPLASIA (BPH)

It is common for the prostate gland to become enlarged as a man ages. Doctors call this condition benign prostatic hyperplasia (BPH), or benign prostatic hypertrophy. As a man matures, the prostate goes through two main periods of growth. The first occurs early in puberty, when the prostate doubles in size. At around age 25, the gland begins to grow again. This second growth phase often results, years later, in BPH.

As the prostate enlarges, it will cause the bladder wall becomes thicker and irritable. The bladder begins to contract even when it contains small amounts of urine, causing more frequent urination. Eventually, the bladder weakens and loses the ability to empty itself, so some of the urine remains in the bladder. The narrowing of the urethra and partial emptying of the bladder cause many of the problems associated with BPH.

Symptoms of Benign Prostatic Hyperplasia (BPH)

Also known as Lower Urinary Tract symptoms:

- ❖ A weak or interrupted urinary stream
- ❖ A feeling that you cannot empty your bladder completely
- ❖ A feeling of delay or hesitation when you start to urinate
- ❖ Nocturia (increase frequency of urination at night)