

**EVALUATION OF HIGH LIGATION
OF BILATERAL VARICOCELE IN CASE OF
OLIGOSPERMIA**

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ.

صَلَّى اللَّهُ عَلَيْهِ

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Introduction

INTRODUCTION

Varicocele is an abnormal tortuosity and dilatation of the pampiniform plexus of veins. It is a common clinical condition that is present in 15% of the general male population and it has a prevalence of up to 34% in infertile males.¹

The varicocele has different mechanisms by which it affects the testicular function, of these mechanisms: the high intratesticular temperature, reflux of renal and adrenal metabolites from the renal vein, hormonal dysfunction and hypoxia due to stagnation of blood in cases of varicocele.²

The ligation of varicocele leads to improvement in semen analysis in some of the patients and numerous methods have been proposed. They included high retroperitoneal approach,³ the inguinal approach,⁴ the subinguinal approach, the scrotal approach, laparoscopic ligation of the internal spermatic veins and transvenous percutaneous embolization under radiological control.

Each procedure has its advantages and disadvantages regarding improvement of fertility, recurrence and postoperative complications.

Aim of the Work

