To my parents To my family To my Collogues

Abstract

Varicocele disease highly spreads among the students of Faculty of Law and Police Sciences. This disease is considered to be one of the reasons that leads to infertility. However, this disease is treated by surgical intervention Varicocele delays military exercise operation:

The main objective of this research is find out the relationship between the long standing and the infection of varicocele.

The research was done on a sample of 32 students of Faculty of Law and Police Sciences whose ages range from 19 – 24 years. And most of them at medical Radiography section at Ribat

University Hospital January 2016 – may 2016. Data are collected to this by colored ultrasound machine and transducer of (5-10MHz) and the sample was taken with cross – section.

The significant results of the research as follows the percentage of varicocele infection among the students reached 37.5% and this result is expected to be more than the normal ratio (15- 20%) and this has shown considerable relationship between long standing and the varicocele infection. In additional, I have found out that 15.6% of the sample suffer from varicososis and this indicates that legs are affected by long standing.

Finally, one of the recommendation is to reduce the hours that the students of Faculty of Law and Police Sciences stand. There must be periodical examination for scrotum make early detection for the disease.

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ملخص الاطروحة

دوالي الخصيتين من الامراض ذات الانتشار الواسع وسط طلاب كلية شرطة والقانون. وحيث أن هذا المرض أحد اسباب عدم الإنجاب وأن احد وسائل علاجه التدخل الجراحي الذي يعيق عملية التدريب العسكري فقد قمت بهذا البحث حيث ان الهدف الاساسي معرفة العلاقة بين الوقوف الطويل والإصابة بمرض دوالي .الخصيتين

أجري البحث على عدد 32 طالب من كلية علوم الشرطة والقانون

تتراوح عمارهم ما بين (19-24)عام في قسم التصوير الطبي في مستشفى الرباط

. الجامعي في الفترة من يناير 2016 الى مايو 2016

تم جمع البيانات لهذه الدراسة بواسطة جهاز موجات صوتية ملون

. وماسح ذو تردد يتراوح ما ين (5-10ميجاهيرز) واخذت العينة بشكل قطاع عرضي أهم نتائج البحث أن نسبة الإصابة بدوالى الخصيتين وسط العينة

37.5% وهي تعتبر ضعف المعدل الطبيعي وهو (15-20%) وهذا يدلل على وجود

علاقة وطيدة بين الوقوف الطويل والاصابة بالمرض

أيضا وجدت ان 15.6% من العينة يعانون من دوالي الارجل مما يدلل

. ايضا على تأثر الارجل للوقوف الطويل

وكانت اهم التوصيات تقليل ساعات الوقوف لطلاب كلية علوم الشرطة

والقانون وعمل فحص دوري للخصيتين لغرض الكشف المبكر عن المرض. واخيرا

. عمل دراسات متقدمة لعينات كبيرة

Acknowledgement

Firstly praise and thanks are due to **Allah**, **the lord creator**

Secondly I would like to express my sincere thanks and gratefulness to my supervisor **Dr. Asma Ibrahim Ahmed Elamin** for her continuous guidance, supervision and patience during the preparation of this thesis.

Also my deepest gratitude extends for Dean of College of Law and Police Sciences *Dr. Osama* Ahmed **Ibrahim** for his help, useful advice, support and endurance.

Thanks are also due to the staff of Radiology department in Ribat University Hospital especially my colleagues **Yahia Hassan Yahia & Belal Maghzoob Hamed**.

Also my deepest gratefulness and a lot of thanks to my colleague **Mohammed Elhaj Babiker** for his helping me in the preparation and improvement of this thesis.

Abbreviations	The Meaning	Page No.
INSL3	Insulin-Like Factor 3	7
LH	Lutenin Hormone	7
FSH	Follicular Stimulating Hormone	7
NSGCTs	Non Seminomatous Germ Cell Tumors	8
ICSI	Intra-cytoplasmic sperm injection	23

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