

((اقرا باسم ربك الذي خلق * خلق الانسان من علق * اقرا وربك الاكرم *

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صدق الله العظيم

Abstract

This study is to evaluate the prostate weight in patient above 25 years. The study was done in Sinja hospital, by using trans-abdominal 3.5 MHz probe. The study was carried out in the period from Dec 2011 to Mar 2012. The result of this study showed that the prostate weight increased in a linear fashion with the patient age, weight and height with a coefficient of 0.5gm/years, 0.08gm/kg and 0.09gm/cm respectively. Qualitatively the normal prostate has isoechogenicity and homogeneous texture. Most of the unmarried patient, (78%), showed normal prostate weight. The study showed that ultrasound can be used in diagnosis the prostate weight fairly using the .enhanced ultrasound unit

ملخص البحث

اجريت هذه الدراسه لتقييم وزن غده البروستاتا في المرضى الذين اعمارهم فوق ال 25 سنه . وهذه الدراسه اجريت في مستشفى سنجه التعليمي باستخدام جهاز موجات صوتيه 3.5 ميغاهيرتز . اجريت في الفتره ما بين ديسمبر 2011 وحتى مارس 2012 . نتائج الدراسه لوحظ ان وزن غده البروستاتا يزيد بزياده عمر المريض الوزن الطول 0.5 جم/سنه, 0.08 جم/كجم , 0.09جم/سم علي التوالي . غده البروستاتا الطبيعيه متجانسه . اغلب الرجال غير المتزوجين 78% منهم وزن غده البروستاتا طبيعي , وفي هذه الدراسه لوحظ ان الموجات فوق الصوتيه تستطيع ان تستخدم في تشخيص وزن غده البروستاتا بعدل .

Dedication

To my family

My colleagues

To all knowledge seeker

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Prayers are to Allah who blessed me the strength and knowledge which as it is not always enough, but at least its step, I thank Allah .who gave me the knowledge and enable me to write this thesis

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List of abbreviation

Antro-posterior	AP
Benign prostatic hyperplasia	BPH
Cancer	CA
Figure	FIG
Gram	GM
Length	L

Mega hertz	MHZ
Milliliter	MI
Prostatic Specific Antigen	PSA
Sagittal	SAG
Tuberculosis	T.B
Trans-abdominal Ultrasonography	TAS
Trans-rectal Ultrasonography	TRUS
Transverse	TRV
Width	W