



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل

SERUM METALLOPROTEINASES IN DIABETIC NEPHROPATHY

A Thesis

*Submitted for Partial Fulfillment of the Master Degree (M.Sc) in
Clinical & Chemical Pathology*

Presented by

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2001*

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اجتماع لجنة الحكم على الرسالة المقدمة من

الطبيب / نادر عزيز فرير

توطئة للحصول على درجة الماجستير / الدكتوراة

فى الباثولوجيا الكيميائية والكلى

مع عنوان : باللغة الانجليزية : Serum Creatinine in Dialytic nephropathy

باللغة العربية : مقابلة بروتينين فى الدم فى حالات الفشل الكلوى الناتج عن مرضى البول الكروى

بناءً على مؤافة الجامعة بتاريخ ١٠ / ٥ / ٩٠١ تم تشكيل لجنة الفحص والمناقشة للرسالة مذكرة أعلاه على النحو التالى :-

١- د. فاطمة عبد الحى رئيس اللجنة

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لها وكذلك الامس العملية التى قام عليها البحث

واد اللجنة : قبول الموافق للتأجيل

بمعدل الكل للتأجيل للتأجيل

توزيعات أعضاء اللجنة :-

المشرف الممتحن

.....

(صام)

الممتحن الداخلى

.....

الممتحن الخارجى

.....

ABSTRACT

and

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ABSTRACT

Matrix Metalloproteinases (MMPs) are thought to play an important role in the pathogenesis of D.N.

In this study , MMP-1 was significantly lower in patients with D.N. compared to patients without D.N.

47.1% of patients with uncontrolled diabetes and elevated MMP-1 have proteinuria & 17.6% have hypertension .

Also , the mean serum levels of MMP-2 show no statistical significance when comparing between patients with nephropathy and those without nephropathy.

In conclusion , The high MMP-1 serum levels may indicate early development of D.N.

Key words:

MMPs =Matrix Metalloproteinases.

D.N. = Diabetic Nephropathy.

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ORIGINAL ARTICLES

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