

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قال الله تعالى

يَرْفَعِ اللَّهُ الَّذِينَ آمَنُوا مِنْكُمْ وَالَّذِينَ أُوتُوا الْعِلْمَ
دَرَجَاتٍ وَاللَّهُ بِمَا تَعْمَلُونَ خَبِيرٌ

صدق الله العظيم

سورة المجادلة الآية 11

:Dedication

I dedicate this work with my

love to

:Dearest

,mother

,father

,brothers

,sister

,teachers

,colleagues

and

friends

Acknowledgement

SOME WORD OF THANKS

While doing this research, I gained a strong appreciation of this fact, I couldn't do it without the help of many talented, dedicated peoples.

While I cannot possibly thank all of them here, I do wish to express my appreciation to those help has been mostly valuable.

:My Sincere thanks to

My supervisor Dr. Moawia Hussien Elobeid.

Dr. Zahir yassien (assistant of general director in Radiation Isotope

).(Centre – Khartoum

Abstract

This research was done to study the effect of two kind of chemotherapeutic agent (cisplatin and carboplatin) on renal function tests ((urea, creatinine, and uric acid

Seventy-five samples were taken from patients with different type of cancer pre and post treatment with the drugs. Thirty samples were taken as control from apparently healthy individuals. Then urea, creatinine, and uric acid levels were determined. The results obtained pre and post treatment were statistically analyzed by using paired sample test and T .test correlation

The result obtained from this study showed that statistically there were significant differences on the level of urea, creatinine and uric acid post chemotherapy drug but the elevation does not exceed the normal .range

Renal function tests (urea, creatinine, and uric acid) had to be done before received chemotherapeutic drugs to confirm the integrity of the .renal system

ملخص الدراسة

أجريت هذه الدراسة لقياس تأثير نوعين من العلاج الكيميائي هما السيكلاتين والكاربوبلاتين على مستوى البولينا والكرياتنين والحمض البولي فأخذت 75 عينة من مرضى السرطان الذين يعالجون بهذين العقارين قبل وبعد العلاج كما أخذت 30 عينة من أشخاص سليمين كعينة تحكيمية وتم فصل البلازما وقياس البولينا والكرياتنين والحمض البولي قبل وبعد العلاج وحللت النتائج بواسطة اختبار العينات المزدوج واختبار T.

أظهرت النتائج انه توجد اختلافات إحصائية في مستوى البولينا والكرياتنين والحمض البولي بعد استخدام عقاري السيكلاتين والكاربوبلاتين ولكن هذه الزيادة لا تتعدى المدى الطبيعي لهذه القياسات.

إن قياس مستوى البولينا والكرياتنين والحمض البولي لمرضى السرطان الذي يعالج بالسيكلاتين والكاربوبلاتين قبل بدء العلاج مهم جدا للتأكد من سلامة وظائف الكلى.

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