

الآية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قال الله تعالى

قَالَ رَبِّ أَوْزِعْنِي أَنْ أَشْكُرَ نِعْمَتَكَ الَّتِي أَنْعَمْتَ
عَلَيَّ وَعَلَىٰ وَالِدَيَّ وَأَنْ أَعْمَلَ صَالِحًا تَرْضَاهُ
وَأَصْلِحْ لِي فِي ذُرِّيَّتِي إِنِّي تُبْتُ إِلَيْكَ وَإِنِّي مِنَ
الْمُسْلِمِينَ

صدق الله العظيم

سورة الأحقاف الآية 15

DEDICATION

**To the candle which burns to
light my life
My Mother**

**To the one who live for making
his dreams become true
My Father**

**To those who have made it
possible
My Teachers**

**To those who encourage me
and are always around me
MY Friends**

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ABSTRACT

This is descriptive cross sectional study which was carried out in Khartoum state, in period from March 2013 to August 2013 to assess the effects of schistosomiasis in coagulation cascade parameters.

50 diagnosed schistosomiasis patients and 25 healthy individuals whole were selected as study group after agreement of participation in this study.

4.5ml of venous blood was drawn from each participant in this study, placed in 0.5 tri sodium citrate container, then centrifuge to get platelets poor plasma (PPP) to assess Prothrombin time and Activated Partial Thromboplastin Time. The results were analyzed using SPSS version14.0, and the mean of each parameter was calculated.

The correlation of PT level between case and control group show signcant increase in mean of PT among case group (18.9 sec) and control group (14.1 sec) with P.value (0.000).

The correlation of APTT level between case and control group show signcant increase in mean of APTT among case group (51.2 sec) and control group (36.2 sec) with P.value (0.000).

The study indicated there was an effect of schistosomiasis on coagulation cascade.

خلاصة البحث

هذه دراسته وصفية مقطعية عرضية انية أجريت في ولاية الخرطوم في الفترة من مارس 2013 إلى أغسطس 2013 لتحديد تأثير البلهارسيا على تخثر الدم.

تم اختيار 50 شخص مشخصين كمرضى بلهارسيا تم أخذ 4.5 مليلتر من الدم الوري من كل مريض وتم وضعه في حاوية دم تحتوى على 0.5 مانع تجلط ثلاثي سترات الصوديوم واستخلص المصل الدموي لقياس زمن البروثرومبين ، زمن الثرومبوبلاستين الجزئى المنشط وتم جمع 25 عينه من اشخاص أصحاء كمجموعه ضبط.

وتم تحليل النتائج بواسطه برنامج الحزم الإحصائية للعلوم الإجتماعيه إصداره 14 تمت م مقارنة زمن البروثرومبين بين مرضى البلهارسيا والاشخاص الأصحاء وكان متوسط (الزمن بين المرضى (18.9 ثانيه) ومتوسط الزمن بين الأصحاء (14.1 ثانيه).

و ايضا تمت م مقارنة زمن الثرومبوبلاستين المنشط الجزئى بين مرضى البلهارسيا والاشخاص الأصحاء وكان متوسط الزمن بين المرضى (51.2 ثانيه) ومتوسط الزمن بين (الأصحاء (36.2 ثانيه).

واضحت الدراسة ان هناك تاثير واضح للبلهارسيا على تخثر الدم.

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