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Hepatitis B Infections Among Children Under Five Years
In Khartoum State

A thesis submitted for the partial requirements of Master degree
in Microbiology Science

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(2015)

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2018

الآية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
يَا أَيُّهَا الَّذِينَ آمَنُوا

قَالَ تَعَالَى:

﴿أَقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ ﴿١﴾ خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ ﴿٢﴾ أَقْرَأْ وَرَبُّكَ

الْأَكْرَمُ ﴿٣﴾ الَّذِي عَلَّمَ بِالْقَلَمِ ﴿٤﴾ عَلَّمَ الْإِنْسَانَ مَا لَمْ يَعْلَمْ ﴿٥﴾﴾

صدق الله العظيم

سورة العلق: الآيات (١-٥)

DEDICATION

At first thanks for Allah alone

*To my dear parents for their continuous
encouragement*

*To my small family, my husband El-Madani and my
lovely daughters Selma and Sanabil*

Acknowledgement

Thankfulness and gratitude are prolonged extensive to my supervisor Dr. Hamza Abdallah Mohammed (Ministry of Health's Lab) for assistance and advice.

Also my great are Dr.Hamza Abdallah Mohammed (Ministry of Health's Lab) for assistance and advice.

Also my great thanks for the staff of development of Health Laboratory (Khartoum) in Bashair Hospital and Omdurman Hospital associate and support during samples collectives.

Finally I would like to thank my husband ElMadani for help and support.

Abstract

The main objective of this study was to estimate the prevalence of HBs Ag virus among children less than five years, attending hospital (Bashair and Omdurman) in Khartoum State on February 2018, and the pregnancy of hepatitis HBV among them.

Ninety of children less than five years were selected in this study from this hospital. Children were screened using ELISA test for hepatitis B surface antigen, where (6/90) 6.6% children tested positive for HBs Ag. Four for females (4.4) ad two for males (2.2%).

ملخص الإطروحة

الهدف الرئيسي من هذه الدراسة هو تقدير مدى انتشار مولد المضاد السطحي لفيروس التهاب الكبد الفيروسي البائي بين الاطفال اقل من خمس سنوات الذين يترددون إلى مستشفى بشائر و أم درمان بولاية الخرطوم عام 2018م شهر نوفمبر .

من الاهداف الأخرى تقدير معدل الانتشار الفيروسي لهم تسعون من الاطفال دون الخامسة تم إختيارهم لهذه الدراسة من هذه المستشفيات في ولاية الخرطوم .

اختيرت عينات من الاطفال للكشف عن وجود مولدات المضادات لإلتهاب الكبد وسط الأطفال أظهرت الدراسة نسبة 66% (6/60) عينات موجبة للإختيار، اربعة منهم ذكور بنسبة (4.4%) و اثنين منهم اناث بنسبة (2.2%) .

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