

# بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

قال تعالیٰ :  
(تَبَارَكَ الَّذِي بِيَدِهِ الْمُلْكُ وَهُوَ  
عَلَىٰ كُلِّ شَيْءٍ قَدِيرٌ)

صدق الله العظيم  
سورة الملك الايه (1)

# **Dedication**

**I dedicate this work to**

*My parents*

*My family &*

*My friends*

**Always you are sitting in mine and courage me to do the  
best in my life.**

**Best regards for all.**

**Acknowledgment**

I thank God for enabling me to complete this thesis.

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# Abstract

Jaundice is a group of signs and symptoms that appear on a patient as a result of different causes, which result in different types (hepatocellular, hemolytic, and obstructive).

The data were collected from scanning patients in U/S department of Bahri Teaching Hospital in period of January 2012 to April 2012.

Sample of fifty patients with jaundice, males and females between 13-71 age groups were chosen.

All patients were scanned with TOSHIBA ultrasound machine 3.5-5MHZ curvilinear transducer.

The researcher found that the number of the female are 34 compare with 16 males, that mean the average of male is 32% from the total sample compare with 68% for female, thus mean the women are more effected than men and in age group 19-71, hemolytic jaundice is more prevalence (80%) than other type of jaundice (hepatocellular jaundice 10% and obstructive jaundice is 10%).

الخلاصة

اليرقان عباره عن مجموعه من الاعراض والعلامات تظهر علي المريض نتيجة لاسباب مختلفه ينتج عنها يرقان دموي او كبدي او انسدادى.

اجريت الدراره فى قسم الموجات الفوق صوتيه بمستشفى بحري التعللى بالخرطوم فى الفتره من يناير 2012 -ابريل 2012م.

لقد تم جمع بيانات الدراره موضوع البحث من فحوصات الموجات فوق الصوتية التي اجريت لعدد 50 مريض من مختلف الجنس فى الفئة العمرية من 13 - 71 من المصابين باليرقان وتم فحص المرضى بجهاز توشيبا بذبذبة قدرها 3.5 الي 5 ميگاهيرتز. وجد فى هذه الدراره أن عدد النساء 39 (68%) مقارنة بالرجال 16 (32%) , هذا يعنى ان النساء من الفئة العمرية (19-71) اكثر عرضة لليرقان وان اليرقان الدموي هو الاكثر شيوعا 80% من الانواع الاخرى ( اليرقان الكبدي 10% والانسدادى 10%).

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### **Abbreviation list :**

- U/s : Ultrasound.
- MRCP : Magnetic Resonance Cholangiopancreatography.
- ERCP : Endoscopic Retrograde Cholangiopancreatography.
- PTC : Percutaneous Transhepatic Cholangiography.
- LFT : Liver function test.
- CBD : Common bile duct.
- CT : Computerized Tomography.
- MR : Magnetic Resonance.
- MHz : Mega Hertz.
- ALP : Alkaline phosphatase.
- GB : Gallbladder
- Hcc : hepatocellular carcinoma
- Ca : cancer
- Mm : millimeters
- In : inches (unite)
- Mg : milligram
- Ml : milliliters
- Mmol/l : mmol/L stands for Millimoles per Liter
- Mg/dl : milligram per deciliter
- G6PD : Glucose-6-phosphate dehydrogenase deficiency

