بسم الله الرحمن الرحيم

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التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصل

STUDY OF THE ROLE OF SOLUBLE TRANSFERRIN RECEPTOR/ FERRITIN INDEX IN THE ASSESSMENT OF ANEMIA IN INFLAMMATORY BOWEL DISEASE PATIENTS

Thesis

Submitted for Partial Fulfillment of Master Degree in Internal Medicine

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا

سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صَدَقَ اللهُ الْعَظِيمُ

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Acknowledgments

Dedication

To:

My parents

for their endless love, support,

and continuous care

My wife

&

My Family

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Abb.	Full term
ACH	Anemia of chronic disease
CBC	Complete blood count
CD	Crohn's disease
CDAI	Crohn's disease activity index
CRP	C-reactive protein
ECCO	European crohn´s and colitis organisation
ESR	Erythrocyte sedimentation rate
GGT	Gamma-glutamyl transferase
IBD	Inflammatory bowel disease
IDA	Iron defficieny anemia
NSAIDs	Non steriodal anti-infilammatory drugs
sTfR	Soluble transferrin receptor
sTfR-F	Soluble transferrin receptor - ferritin
UC	Ulcerative colitis
WBC	White blood cells

Abstract

Introduction: Idiopathic inflammatory bowel disease (IBD) includes those conditions characterized by a tendency for chronic or relapsing immune activation and inflammation within the gastrointestinal tract, Crohn's disease (CD) and ulcerative colitis (UC) are the two major forms of idiopathic IBD.

Aim of the Work: The aim of this study is to evaluate the clinical usefulness of the soluble transferrin receptor-Ferritin index in the evaluation of anemia in patients with IBD and especially for differentiation between iron deficiency anemia and anemia of chronic disease.

Patients and Methods: This study included fifty patients with established diagnosis of IBD either Ulcerative Colitis or Crohn's disease. They were collected at Internal Medicine and Gastroenterology outpatient clinics and inpatient wards at Ain Shams University hospitals as well at New Cairo hospital in the period from March 2017 to September 2017. They were classified into 2 groups:

Results: This study had been conducted on 50 patients and 25 control subjects recruited from Ain Shams University and New Cairo hospital in the period from March 2017 to September 2017.

Conclusion: Crohn's disease and ulcerative colitis disease are the two major forms of idiopathic IBD. The two forms of IBD share many clinical and epdimiological characteristics.