

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بالرسالة صفحات
لم ترد بالأصل





Evaluation of Macular and Choroidal Thickness Measurements in HCV Patients taking Recent Anti Viral Hepatitis C Drug (Daclatasvir /Sofosbuvir Combination)

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ

سَبَّحَانَكَ لَا إِلَهَ إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Abbreviations

Abb.	Full term
BCVA.....	Best corrected visual acuity
CFT.....	Central foveal thickness
CHC	Chronic hepatitis C
DAAs.....	Direct acting antiviral agents
DAC	Daclatasvir
EDI-OCT	Enhanced Depth optical coherence tomography
EOT	End of treatment
ETDRS.....	Early Treatment Diabetic Retinopathy Study
FDA	Food and Drug Administration
GCL	ganglion cell layer
H.E.....	Hepatic encephalopathy
HCC	hepatocellular carcinoma
HCV	Hepatitis C viral
INF	Interferon
INL	Inner nuclear layer
IOP.....	Intraocular pressure
IPL.....	Inner plexiform layer
LED	Ledipasvir
NCCVH.....	National Committee for Control of Viral Hepatitis
NFL	Nerve fiber layer
NS5A	Non structural Protein 5 A
NS5B	Non structural Protein 5 B
OCT	optical coherence tomography
OMB	Ombitasvir
ORF	open reading frame
PAR.....	Paritaprevir

List of Abbreviations Cont...

Abb.	Full term
RBV	Ribavirin
RPE.....	retinal pigment epithelium
SBP	spontaneous bacterial peritonitis
SD-OCT	spectral-domain optical coherence tomography
SIM	Simeprevir
SOF.....	Sofosbuvir
SS-OCT.....	Swept source optical coherence tomography
SVR.....	Sustained virological response
TD	Time domain

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INTRODUCTION

Hepatitis C viral (HCV) infection is a major problem In Egypt, most of HCV infections persist for life, leading to chronic hepatitis. The major cause of death is primarily associated with liver cirrhosis as well as other conditions including liver cell failure, hematemesis from esophageal varices, hepatic encephalopathy and hepatocellular carcinoma (*Maria et al., 2014*).

The developments for the treatment of HCV infection have led to the potential eradication of the virus and a cure for infected patients. Direct-acting antiviral agents (DAAs) are specific to the HCV particle and aim to inhibit viral RNA replication by attacking some of the several enzymes involved in the RNA replication process, thereby inhibiting viral replication and causing viral eradication. Combining medications that have different targets of action with synergistic antiviral effects will hopefully lessen the burden of resistance to antivirals (*Muir, 2014*).

In July 2015, the FDA approved daclatasvir (Daklinza, Bristol-Myers Squibb) for use with sofosbuvir (Sovaldi, Gilead Sciences) as the first 12-week, all-oral treatment option for patients with chronic HCV (*Daklinza, 2016*)

Optical coherence tomography (OCT) is a non-contact, light-based imaging modality providing new high-resolution