

الآية

قال تعالى :

(وَقُلْ رَبِّ زِدْنِي عِلْمًا)

((سورة طه الآية 114))

## ***Dedication***

*To our mom's*

*we don't tell you how important and special you are in we life, but,  
we forever grateful for all that you are and who you have taught me  
to be*

*To our dad's*

*Thank you for always believing in we, even when we didn't believe  
.in ourselves . You made we what we today*

*To our friend's*

*Thank you for being there by we side every time we was crazy, mad  
and everything but ourselves*

## **Acknowledgement**

*You did not only teach we what is good in life but also inspired we to do good in life. You are a great teacher and a good human being. Thank you for your contribution to building we life*

*Without you, we would have been lost. Thank you teacher for guiding us, inspire us and make us what we are today*

*Being a teacher isn't easy, so I just want to let you know that I appreciate all of the hard work that you have put in. Thank you for a wonderful year*

## **Abstract**

Case control study the study was done From February 2 to May 5 to assess the effect of cigarette smoking on low density lipoproteins (LDL) in smoker students in university of Elshikh Abdullah Elbadri .

The personal data of subjects including age, gender, duration of smoking were collected in structured questionnaire. Serum, or sodium heparinized plasma collected by standard procedures. A total number of 60 person , 30 are healthy people control , and other 30 are smoker.

LDL cholesterol levels in serum was obtained using a BA400 analyzer.

There are association between smoking and increase the serum levels of LDL-C in serum withP. value(0.0027).Cigarette smoking cessation increases serum levels of LDL-C.

## المستخلص :

أجريت هذه الدراسة في الفترة من فبراير الى مايو 2019 بغرض تحديد تأثير تدخين السجائر على ال البروتين الشحمي خفيض الكثافة في الطلاب المدخنين في جامعه الشيخ عبدالله البدرى . شملت الدراسة العمر , النوع , مدة التدخين وغيرها من البيانات باستخدام الاستبيان . تجمع العينات (مصل الدم أو بلازما الدم) بطريقة نموذجية لعدد 60 شخص, 30 منهم اصحاء و30 منهم مدخنين. وجدت علاقة بين التدخين و إرتفاع مستوى البروتين الشحمي خفيض الكثافة

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## List of abbreviations

HDL	High density lipoprotein
LDL	Low density lipoprotein
VLDL	Very low density lipoprotein
FH	Familial hypercholesterolemia
CHD	Coronary heart disease
IDL	Intermediate density lipoprotein
SD	Standard deviation
CLSI	Clinical & Laboratory Standards Institute
SPSS	Statistical Package for Social Sciences