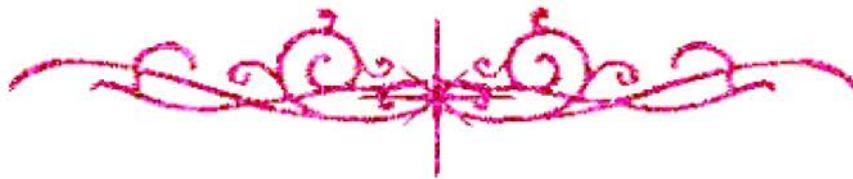


# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

## قسم

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



## يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار





# بعض الوثائق الأصلية تالفة





# بالرسالة صفحات لم ترد بالأصل





Faculty of Veterinary Medicine  
Department of Poultry Diseases

# **Studies On The Most Important Diseases Problems Affecting Breeder And Layer Flocks In Egypt**

A thesis submitted

By

**Ahmed Mohammed Abd El-Khalek**

(BVSc., Cairo University, 2006)

Diploma in poultry diseases ,Cairo University , 2012

**For the Master Degree in Veterinary  
Medical Sciences, Poultry Diseases**

Under the Supervision of

**Prof. Dr. Abd El Meguid Wahba Khaeir Eldin**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo university

**Prof. Dr. Elham Fouad El khashaab**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo University

**2019**





Faculty of Veterinary Medicine  
Department of Poultry Diseases

## **APPROVAL SHEET**

This is to approve that dissertation presented by / **Ahmed Mohamed Abdelkhalek** to Cairo University for the Master degree in Veterinary medical science ( Poultry Diseases ) has been approved by the examining committee.

### **Prof. Dr. Hisham Abdel Rhman Sultan**

Professor of Poultry Diseases Department  
Faculty of Veterinary Medicine  
Sadat University

### **Dr. Mohamed Mahmoud Zaki**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo University

### **Prof. Dr. Abd El Meguid Wahba Khaeir Eldin**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo University

### **Prof. Dr. Elham Fouad El khashaab**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo University

Date : 3/ 10/ 2019





Faculty of Veterinary Medicine  
Department of Poultry Diseases

## **Supervision Sheet**

**Prof. Dr. Abd El Meguid Wahba Khaeir Eldin**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo university

**Prof. Dr. Elham Fouad El khashaab**

Professor of Poultry Diseases  
Faculty of Veterinary Medicine  
Cairo University



**Cairo University**  
**Faculty of Veterinary Medicine**  
**Poultry Diseases Department**  
**Name:** Ahmed Mohamed Abdelkhalek  
**Nationality:** Egyptian  
**Birth Day:** 18/10/1983 Cairo  
**Degree:** Master of Poultry Diseases

**Supervision:**

**Prof. Dr. Abd El Meguid Wahba Khaeir Eldin**  
Professor of Poultry Diseases, Faculty of Veterinary Medicine, Cairo university  
**Prof. Dr. Elham Fouad El khashaab**  
Professor of Poultry Diseases, Faculty

**ABSTRACT**

The results of monitoring of the causes of mortality (and / or) decrease egg production in broiler breeder and layer flocks in different localities in Egypt (Alex, Behera, Dakhlia, Giza, Monofya, Sharqia and Qaliobia) from October 2014 to September 2016. on 1.3 millions layer (in 25 flocks) and 890000 broiler breeder (in 18 flocks ). showed that co infection was a prevailing phenomenon and superior to single infection in breeders while the opposite in layers. Co infection in breeders was 61.2% and 38.8% of single infection while in layers Co infection was 36.0% and single infection was 64.0%. It was more prevalent in breeders in single infection was infectious bronchitis virus and in layers influenza H5 was the highest. It is mentioning that infectious bronchitis virus is a common factor in coinfection in breeders while Influenza H9 was the commonest in layers.

of Veterinary Medicine , Cairo University

**Keywords:** Avian Influenza, Newcastle Disease virus, Infectious Bronchitis, E.coli , Breeder flocks, Layer flocks



# DEDICATION

*Dedicated To my parent's sole,*

*.....my Brother,*

*....my Wife,*

*..... And my lovely Daughters*

