

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

**Sudan University of Science and Technology  
Graduate College**

**Some Pharmacological Aspects of Simultaneous  
Administration of Diminazene aceturate and  
Sulphadimidine Sodium in Donkeys**

بعض الجوانب الدوائية للاعطاء المتزامن للدایمینازین اسیتیوریت و

سلفادیمیدين صودیوم فی الحمیر

A thesis submitted in fulfillment of the requirement of Masters  
Degree in Veterinary Medicine M.V.M (Pharmacology)

**By**

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## الآية

بسم الله الرحمن الرحيم

قال تعالى:

﴿إِقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ﴾ ﴿خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ﴾ ﴿إِقْرَأْ﴾  
﴿وَرَبُّكَ الْأَكْرَمُ﴾ ﴿الَّذِي عَلَّمَ بِالْقَلَمِ﴾ ﴿عَلَّمَ الْإِنْسَانَ مَا لَمْ يَعْلَمْ﴾.

صدق الله العظيم

(سورة العلق الآيات من 1 الى 5)

*To*

*My lovely parents Mohammed Mohammed Osman Derwish and  
Shadia Ebrahim Derwish*

*My oldest brother Dr. Majid Mohammed Ali*

*My kind brothers and my sweet sister*

*With my love and my gratefulness....*

## **DECLARATION**

Here it is to declare that this research work entitled: Some Pharmacological Aspects of Simultaneous Administration of Diminazene aceturate and sulphadimidine sodium in Donkeys; was carried out in the department of Veterinary Medicine and Surgery, College of Veterinary Medicine, Sudan University of Science and Technology under the supervision of Dr. Hisham Ismail Seri Farah and Dr. Siham Elias Suleiman Mohammed.

### **Published work**

*Part of this work has been accepted for publication as paper entitled:*

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