

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

**Effect of Sterile Collecting Containers and Fixation  
Delaying in Urine Cytology Applied to Females with  
Vaginal Discharges**

**أثر حاويات جمع العينات المعقمة فى التثبيت المتأخر  
فى نتائج الفحص الخاوي لعينات البول المطبقة للنساء  
ذوات الافرازات المهبلية**

**By:**

**Murtada Ahmed Mohammed Tom  
B Sc in Medical Laboratory Sciences  
Omdurman Ahlia University  
(2000)**

**Subervised By:**

**Dr. Hussain Gadel Karim Ahmed  
Assistant Professor  
University of Khartoum**

A Thesis Submitted in Partial Fulfillment of the Requirement of the M Sc  
Degree in Medical Laboratory Sciences (Histopathology and Cytology)

**June 2009**