

بسم الله الرحمن الرحيم

Sudan University of Science and Technology

College of Graduate Studies

**Assessment of Gram-negative Bacterial Contamination
on Stethoscope in Khartoum State Hospitals**

تقويم التلوث بالباكتيريا سالبة للجرام على السماعات الطبية في مستشفيات
ولاية الخرطوم

**A dissertation submitted in partial fulfillment for the requirements of
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