بسم الله الرحمن الرحيم

Sudan University of Science and Technology College of Graduate Studies

Assessment of Gram- positive Bacterial Contamination on Stethoscopes inSome Hospitals in Khartoum State

تقويم التلوث بالباكتريا الموجبة جرام على السماعات الطبية في بعض مستشفيات ولاية الخرطوم

A dissertation submitted in partial fulfillment for the requirements of MSc in Medical Laboratory Science (Microbiology)

By:

Sarah Tag-ElsirIdriseAbubaker

BSc (Honors) In Medical Laboratory Science, Omdurman Islamic University, 2012

Supervisor:

Prof. Humodi Ahmed Saeed Professor of Microbiology