



بسم الله الرحمن الرحيم

Sudan University of Science and Technology

College of Graduate Studies and Scientific Research

The Measurement of Internal Radiation Dose during
Thyroid Cancer Therapy using Iodine 131 by Monte
Carlo simulation in Radiation & Isotopes Center of
Khartoum (RICK)

قياس الجرعه الداخليه لسرطان الغده الدرقيه باستخدام اليود 131 بمحاكاة
منتكارلو في مستشفى الذره للطب النووي والعلاج الاشعاعي

*A complementary research submitted for partial fulfillment for the
requirement of a master degree in Medical Physics*

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