



SDI Review Form 1.6

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_53995
Title of the Manuscript:	Chest CT Dose Examination for Adult Patient in Abuja and Keffi, Hospitals in Nigerian
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments REVUE English spelling and grammar! I marked in red some mistakes	<p>Generalities about CT examination The study was prospective?Where it take place? This study has established local diagnostic reference levels (LDRLs). Dose report and scan parameters for chest was assessed during the period(define the period) of seven months at the three study centres. What are this centrersthe name of the centers</p> <p>Keywords: Radiation Dose, MSCT, VGA(Define VGA), CTDIv, CTDIw, DLP, LDRL</p> <p>2.2.2. Data Collection The data was collected with the assistant of the CT radiographers who are well trained on how to collect the data.Describe with more details the process of data collection and selection of the patients!</p> <p>2.2. Data Analysis According to WHO IS?[17], the MSAD for non-spiral scans can be estimated from the CTDI by the equation: $MSAD = \frac{NXT}{I} (CTDI)$ ₁ Where N is the number of scans, T is the nominal scan with (mm), and I is the distance between scans (mm). For MSCT system, N X T is the total nominal scan width, and I correspond to the patient table movement during 1 gantry rotation. According to the work of [18], the MSAD for spiral scans can be expressed as: $MSAD = \frac{I}{Pitch} (CTDI)$ ₂ CTDI_{vol} According toWHO?[17,18], CTDI_{vol} for single-Slice scanners is defined as: $CTDI_{vol} = \frac{NXT}{I} (CTDI_w)$ ₃ When N is the number of scans, T is the nominal scan width (mm) and I is the distance between scans (AAPS). Also, CTDI_{vol} for MSCT is defined as: $CTDI_{vol} = \frac{I}{Pitch} (CTDI_w)$ ₄</p> <p>3. Results and Discussion 3.1. Results Describe in a few words your results presented in every table and figures!!!!!! Fig 4: Comparison of Chest CTDIw (mGy) with European Commission for the study centres Is this significant?p value Fig 5: Comparison of Chest DLP (mGy*cm) with European Commission for the study centres. Is this significant?p value</p>	



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	<p>In comparison with the European Commission values, it can be seen clearly from Fig 4 and 5 that all the CTDI and DLP values are lower than the EC values. <i>Is this significant? p value</i></p> <p>Since the mean in Fig 6 and 7 shows that the values for both CTDI and DLP are lower than the European Commission values, it can be concluded that the CTDI and the DLP in most of the study centers are within or below the values in the European Commission Report. Therefore, there is no serious clinical implication on the participants in the study centers. Hence, CT dose optimization is recommended. Conclusions???</p>	
<p>Optional/General comments</p>	<p>REVUE English spelling and grammar! I marked in red some mistakes</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

Name:	Lavinia Davidescu
Department, University & Country	University of Oradea, Romania