

Review Form 1.6

Journal Name:	Asian Journal of Medicine and Health
Manuscript Number:	Ms_AJMAH_79354
Title of the Manuscript:	CT score and prognosis of vaccinated and unvaccinated patients in Covid 19 pneumonia
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:

(<https://www.journalajmah.com/index.php/AJMAH/editorial-policy>)

Review Form 1.6

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	<p>1) in the introduction the literature review is absent. What do we know from other studies on this subject?</p> <p>2) Is there a gap in scientific knowledge that this research is trying to fill?</p>	
Minor REVISION comments	<p>1) In the field of methodology the structure should be done in the following form</p> <p>ABSTRACT INTRODUCTION METHODOLOGY <i>Sample</i> <i>Measurements - measuring instruments</i> <i>Procedure</i> Statistical analysis (more detailed presentation). Justification of the specific statistical methodology (why McNemar's Chi-Square Test was chosen). RESULTS DISCUSSION CONCLUSIONS – SUGGESTIONS IMPORTANCE OF THE STUDY</p>	
Optional/General comments	<p>There are minor spelling errors. Specifically</p> <p>ABSTRACT</p> <p>1) Results:Male gender was 44.3% and female 55.7%. (The) Average age was 57 years (median:57 range:21-96)..... It was determined that patients with a more than 18 CT score(severe lung involvo(e)ment) had a longer hospital stay and a higher need for intensive care.</p> <p>2) Conclusion:Covid 19 (was) found to be associated with more severe lung damage in unvaccinated patients</p> <p>RESULTS AND DISCUSSION</p> <p>3) As a result of this study, it was determined that Covid-19 is more common in (the) female gender and between the ages of 40-60. Although it was determined that patients aged 40-60 years do not prefer to be vaccinated more and patients older than 60 years of age need more intensive care, this is not statistically significant (p<0.290 and p<0.236).It was determined that male(s) needed intensive care more frequently than female(s). It was found that female(s) did not prefer to be vaccinated (p<0.0001). According to CT scores; It is lower (7 or less) in vaccinated patients and is compatible with mild (p<0.003)..... Regardless of the lung involvement rate in CT, if only the anatomical lobe involvement received as criteria; if five lobes of the lung (were) affected, it was detected to be associated with both unvaccinated patients and a long hospital stay (p<0.0001 , table 4 and figure 1)..... Covid-19, which most commonly affects the respiratory system, is a very serious disease that causes the death of tens of thousands of people. It has been reported that it is more common in male(s) than female(s) [6]. In our study, it was more common in female(s) and over 60 years of age in patients in hospital wards. CO-RADS is the ability to distinguish between low and high probability of Covid-19. It is 71-99% reliable for possible Covid-19. [7,8]. In this study, no patient with</p>	

Review Form 1.6

	<p>negative PCR test in CO-RADS 3-4 and 5 was (were) detected. According to the results of the PCR Test repeated twice, 9.2% of the patients were Covid negative and radiologically reported as CO-RADS 1 and 2. The most common finding on CT in Covid 19 pneumonia is ground glass opacity (GGO). It often shows peripheral or subpleural localization. With increasing size, a consolidation pattern, alveolar and interstitial exudation, patchy ground glass infiltration and signs of fibrosis are seen [9,10]. Parenchymal reticulation and crazy pavement appearance are among the other radiological findings.</p> <p>4) CONCLUSION Covid 19 (was) found to be associated with more severe lung damage in unvaccinated patients. Even if the vaccinated got the disease, the lung damage was milder. A CT score of more than 18 was associated with intensive care unit admissions and longer hospital stays and poor prognosis.</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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Giannis Manginas
Department, University & Country	University Research Center Of The University Of Western Macedonia, Greece