

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75547

Title: Incidental Diagnosis of Medullary Thyroid Carcinoma due to Persistently Elevated Procalcitonin in a Patient with COVID-19 Pneumonia: A Case Report and Review of Literature

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05631502

Position: Peer Reviewer

Academic degree: BSc, MBBS, MD

Professional title: Academic Research, Doctor

Reviewer's Country/Territory: Qatar

Author's Country/Territory: India

Manuscript submission date: 2022-02-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-12 13:31

Reviewer performed review: 2022-02-15 17:32

Review time: 3 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection



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Re-review	[<input checked="" type="checkbox"/>] Yes [<input type="checkbox"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

I would like to thank the authors to have written this case report, which is interesting and provides a case of COVID-19 where MTC was diagnosed incidentally, which would probably be missed otherwise. I have some comments which I believe can improve the quality of this report: Major concerns: • Introduction is devoid of referencing in many places. Please add references wherever the information is secondary and taken from the literature, such as the death rates of the COVID-19 pandemic and its healthcare burden. This also stands for the information given on procalcitonin. • The discussion is also devoid of references where required. One example would be this sentence: "The workup of MTC includes measurement of serum calcitonin (Ctn), carcinoembryonic antigen (CEA), ultrasonography of the neck, positron-emission tomography with CT scan (PET-CT), appropriate genetic testing for RET mutations and evaluation for other tumors related to MEN-2 syndrome" Minor Concerns: • Please provide normal ranges of laboratory tests mentioned. • Please provide full-length names of abbreviations before the first use. For e.g. CT should be referred to as Computed Tomography for the first time and later on can be referred to CT. This also stands true for FNAC. • At the end authors mention "This is the first report from Asia". Although this may be true, however, there might be some other reports as 100 percent literature review of millions of articles out there is not practical. Hence, I suggest they tone it down by adding "to the best of our knowledge". • English language still needs some polishing. I noticed that the English language certificate is signed by the authors rather than the native English speaker, if this is acceptable by the journal, I am fine with it. However, this manuscript

can benefit from the second review of the English language for the remaining minor grammatical issues.

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Peer-review model: Single blind

Reviewer's code: 05628603

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-02-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-11 02:58

Reviewer performed review: 2022-02-17 07:39

Review time: 6 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection



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Re-review	[<input checked="" type="checkbox"/>] Yes [<input type="checkbox"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

The case is indicative for clinicians that when facing patients with constantly elevated pct, MTC should be ruled out. However, the structure of the manuscript is not complete with an absence of an abstract. Furthermore, the language needs polishing.