Name of journal: World Journal of Clinical Cases

Manuscript NO: 75702

Title: Right time to detect urine iodine during papillary thyroid carcinoma diagnosis and treatment: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05483448

Position: Peer Reviewer

Academic degree: MBBS

Professional title: Doctor, Senior Lecturer

Reviewer’s Country/Territory: Malaysia

Author’s Country/Territory: China

Manuscript submission date: 2022-02-11

Reviewer chosen by: Jia-Qi Zhu

Reviewer accepted review: 2022-04-21 00:56

Reviewer performed review: 2022-04-24 08:28

Review time: 3 Days and 7 Hours

Scientific quality
[ ] Grade A: Excellent  [ ] Grade B: Very good  [ Y] Grade C: Good
[ ] Grade D: Fair  [ ] Grade E: Do not publish

Language quality
[ ] Grade A: Priority publishing  [ Y] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion
[ ] Accept (High priority)  [ ] Accept (General priority)
[ Y] Minor revision  [ ] Major revision  [ ] Rejection

Re-review
[ Y] Yes  [ ] No
SPECIFIC COMMENTS TO AUTHORS

I read this article with great interest. My understanding is this article highlighting the analytical variation of UIC measurement in PTC patient post iodinated contrast media. Several suggestion is provided here to give better reader understanding.  

Abstract: 1. Line 35, Pre and post operation (what is mean by post operation here?) It s post CT?  
Introduction: Suggest to expand the introduction so that it is look more clearer the reason why this article is written. 1. Line 63; suggest to replace the word detection with measurement 2. Line 65,.important for prevention of acute thyroid stress caused by excess iodinated contrast media (ICM) injection and for evaluation of ICM renal clearance followed by radioactive iodine treatment. Suggest to revise this statement for better describe the reason why measurement of UIC important. (Following vs followed by) 3. Line 77, what is B-ultrasound? 4. Line 79; suggest to define this short form TI-RADS 4C. 5. Line 94; what is sUICs?  
Conclusion: My suggestion is to include the highlighted issues at the end of discussion part.
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Title: Right time to detect urine iodine during papillary thyroid carcinoma diagnosis and treatment: A case report

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Reviewer’s code: 05445949

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Chief Physician, Research Associate

Reviewer’s Country/Territory: Serbia

Author’s Country/Territory: China

Manuscript submission date: 2022-02-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-01 09:46

Reviewer performed review: 2022-05-01 10:12

Review time: 1 Hour

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SPECIFIC COMMENTS TO AUTHORS
The authors documented spontaneous and non-specific chemical reaction of iodinated contrast media with ammonium persulfate used in As3+-Ce4+ catalytic spectrophotometry for urine iodine concentration detection. The paper is correctly designed and written. But, the authors must widen the discussion chapter, to elucidate the clinical importance of such reaction, i.e. to explain chemical and biochemical significance of such reaction for clinical practice.