

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 87164

Title: Emerging Role of Liquid Biopsy in RAS Mutated Metastatic Colorectal Cancer: a Case Series in NeoRAS wild-type

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05469117

Position: Editorial Board

Academic degree: PhD

Professional title: Adjunct Professor, Chief Physician, Deputy Director

Reviewer's Country/Territory: China

Author's Country/Territory: Portugal

Manuscript submission date: 2023-07-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-25 18:08

Reviewer performed review: 2023-08-26 07:17

Review time: 13 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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
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

Thank you for inviting me to evaluate the Case Report titled “Emerging Role of Liquid Biopsy in RAS Mutated Metastatic Colorectal Cancer After Treatment: a Case Series of Dynamic Monitoring and Treatment Tailoring in NeoRAS wild type”. It is an interesting paper, which described a series of 11 RAS-mutated mCRC patients who were treated with a combination of CT and bevacizumab at 1L. Four patients became neo-RAS wt after 1L or 2L treatment and were treated with cetuximab, with advantages in terms of survival and disease progression. And, the information in this Case Report is helpful to clinical communities. The paper is well arranged and the logic is clear, and. The cited literature is comprehensive and modern. The provided figure and tables are well composed and understandable. The quality of language of the manuscript is quite acceptable for me. So, I recommend to you that this manuscript may be accepted after revision. There are some advices for the authors: 1) In the sixth line of “In the sixth line of the first paragraph”, Even though, the patient was kept on maintenance CT and showed a very long and sustained response. Case 2 had a right-sided relapsed mCCR with liver metastasis. There is a spelling mistake. Write “mCRC” incorrectly as "mCCR".



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

2)In Figure 1. Imaging evaluation of Case 11.in picture A, three months later, the calcified intrahepatic metastases appear to be significantly increased, in addition, for liver metastases on CT scan, the lack of imaging parameters, this seems to be a flat scan, is it accurate?3) The detection threshold of RAS gene mutation by tissue biopsy and ctDNA is different. It is suggested that the authors should supplement the value of Ras mutation abundance before and after treatment, which is convenient for readers to study and discuss.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 87164

Title: Emerging Role of Liquid Biopsy in RAS Mutated Metastatic Colorectal Cancer: a Case Series in NeoRAS wild-type

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05222067

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Chief Physician, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Portugal

Manuscript submission date: 2023-07-27

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-31 09:02

Reviewer performed review: 2023-09-04 09:39

Review time: 4 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

This case report entitled ‘Emerging Role of Liquid Biopsy in RAS Mutated Metastatic Colorectal Cancer After Treatment: a Case Series of Dynamic Monitoring and Treatment Tailoring in NeoRAS wild type’ reported a series mCRC patients with liquid biopsy related to RAS mutation. It is an interesting topic for clinics. The following issues should be addressed before publication. 1. Please list the abbreviation in a new section for readers. 2. Please do not use abbreviation in core tip. 3. It is suggested to supply more details of liquid biopsy in MM section. 4. Please replace ‘wild type’ with ‘wild-type’.