



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 65066

Title: Analysis of the expression of Caspase-3 and HIF-1 α and their relationships with prognosis in patients with HCC complicated by hemorrhage and necrosis

Reviewer's code: 05492017

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Poland

Author's Country/Territory: China

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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 Grade E: Do not publish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
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



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SPECIFIC COMMENTS TO AUTHORS

Hypoxia is one of the characteristics of tumor micro-environment. At present, in the hepatocellular carcinoma patients with hemorrhage and necrosis, the HIF-1 α and the Caspase-3 levels and the expression characteristics of patients with hepatocellular carcinoma complicated by the hemorrhage and necrosis and the prognosis have not been involved. The Caspase-3 is involved in the process of apoptosis of tumor cells and the apoptosis induced by various factors. In this study, the authors explored the expression characteristics of the Caspase-3 and the HIF-1 α in tissues, and their relationship with the biological behavior with hepatocellular carcinoma complicated by the hemorrhage and necrosis. The study design is good, and the methods are described in detail. The results are interesting and well discussed. Comments: 1. The manuscript should be edited carefully. Many blanks between the words are missing, so that some words are mixed up. 2. The discussion is too long, please short it. 3. The tables also require editing.