

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53627

Title: Research on diagnosis-related groups grouping of inpatient medical expenditure in colorectal cancer patients based on a decision tree model

Reviewer's code: 02945967

Position: Peer Reviewer

Academic degree: BPhy, PhD

Professional title: Associate Professor, Research Scientist

Reviewer's Country/Territory: Denmark

Author's Country/Territory: China

Manuscript submission date: 2020-02-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-03 09:58

Reviewer performed review: 2020-03-19 01:05

Review time: 15 Days and 15 Hours

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 Grade E: Do not publish
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 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

This is an interesting study of DRGs grouping of inpatient medical expenditure in colorectal cancer patients. The incidence of colorectal cancer ranks second of all malignant tumors in developed countries, and the mortality ranks third. Its high morbidity also leads to rapid growth in medical costs that poses heavy economic pressure on patients and society. It is imperative to design a more practical methodology to specify the classification to conduct a more accurate payment standard calculation of DRGs groups and strengthen medical expense control. This study attempted to determine the main influencing factors related to inpatient medical expenditure in patients with colorectal cancer, to help medical institutions standardize the clinical diagnosis and treatment process in order to control medical cost. 1. Title. Suggest to change the title to "DRGs grouping of inpatient medical expenditure in colorectal cancer patients: a decision tree model study"; 2. Methods. The methods are clear. 3. Results. Interesting results. Data in tables are very good, but Tables require editing. 4. Discussion is acceptable. The results were discussed with updated references carefully, and also the authors discussed the limit of the study, it's good. 5. Manuscript is well written. A minor language editing is required.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53627

Title: Research on diagnosis-related groups grouping of inpatient medical expenditure in colorectal cancer patients based on a decision tree model

Reviewer's code: 02846004

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-02-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-03 09:40

Reviewer performed review: 2020-03-20 09:38

Review time: 16 Days and 23 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
Re-review	<input 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

This study is very interesting. The authors investigated the composition and factors related to inpatient medical expenditure in colorectal cancer patients based on disease diagnosis related groups, and provide a basis for the rational economic control of hospitalization expenses for the diagnosis and treatment of colorectal cancer. Overall, the manuscript is very well written. The tables are very good, minor editing are required.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53627

Title: Research on diagnosis-related groups grouping of inpatient medical expenditure in colorectal cancer patients based on a decision tree model

Reviewer's code: 03250867

Position: Peer Reviewer

Academic degree: FCPS, MD, MRCP, PhD

Professional title: Professor, Research Associate, Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-02-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-03 09:59

Reviewer performed review: 2020-03-20 09:43

Review time: 16 Days and 23 Hours

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
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 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

Interesting study with a good results of DRGs grouping of inpatient medical expenditure in colorectal cancer patients . The study is very designed. The manuscript is very well written. I recommend to accept the manuscript after a minor language editing, include the title, abstract, and main text.