

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 86120

Title: Effect of sitagliptin combined with Yiqi yangyin huoxue decoction on clinical efficacy and hemorheology in early diabetic nephropathy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06058890

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2023-07-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-07 06:48

Reviewer performed review: 2023-07-18 08:07

Review time: 11 Days and 1 Hour

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 Grade E: Do not publish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 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

SPECIFIC COMMENTS TO AUTHORS

With the promotion and implementation of integrated Chinese and Western medicine treatments, remarkable results have been achieved for many diseases. based on the basic pathogenesis of early DN with Qi and Yin insufficiency, dampness and heat, this study took 123 patients with early DN as research objects to observe the clinical effects of sitagliptin tablets with Yiqi Yangyin Huoxue decoction for the treatment of early DN patients, and its clinical impact on early DN patients, and its influence on blood rheology for early clinical intervention and to delay the progression of DN. The article is well written, and the idea of the study is novel. The text is strictly logical. The results are interesting and they confirmed that sitagliptin combined with Yiqi Yangyin Huoxue decoction has a remarkable effect when used to treat patients with early DN and it's helpful in improving hemorheological indices and controlling disease progression. The manuscript provided a theoretical basis for clinical treatment and could be useful for other studies in this field. I recommend that the manuscript can be published.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06519515

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Research Associate

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2023-07-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-06 02:51

Reviewer performed review: 2023-07-18 10:10

Review time: 12 Days and 7 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

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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

SPECIFIC COMMENTS TO AUTHORS

The article with the title “Effect of sitagliptin combined with Yiqi Yangyin Huoxue decoction on clinical efficacy and hemorheology in early diabetic nephropathy” is in generally well done. Title: Appropriate. It reflects the main content of the research. Authorship: Is correct. Institutions: are correct. Abstract: Is a structured abstract according to the required format. In 373 words authors showed a summary of the content of the manuscript. Key words: 6 that reflect the content of the study. Core Tip: Appropriate. Background: Early DN mainly involves kidney microvessels and glomerular functions, and its timely and effective treatment is critical. The development of traditional Chinese medicine has demonstrated its superiority for the treatment of many diseases. To investigate the effect of sitagliptin tablets combined with Yiqi Yangyin Huoxue decoction on clinical efficacy and hemorheology in patients with early DN, the authors conducted this research. Method: Authors made the detailed description of the investigations. Results: Authors found that the total response rate of patients in the OG was markedly better than that in the CG. After treatment, the levels of fasting blood glucose, 2h postprandial glucose, total cholesterol, triacylglycerol, and



**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>

low-density lipoprotein cholesterol in OG patients were obviously lower than those in the CG, and cystatin C, homocysteine, urinary microalbumin, and blood creatinine values in OG patients were also obviously lower than those in the CG. Discussion: Authors made a detailed and informative discussion of the results. Illustration: All 3 Figures and 5 Tables are showing clearly making and adequate support of the results. However, Interchanging the horizontal and vertical titles may make it more comprehensible for the readers for Tables 3-5. Biostatistics: This work met the requirements of biostatistics. References: Authors cited properly actualized references of high interest for their propose in introduction and discussion. Organization of the study: It was properly organized Research method reporting. As a retrospective study it has been reported according with the corresponding guidelines. Comments to the author: In this manuscript authors study the effect of sitagliptin tablets combined with Yiqi Yangyin Huoxue decoction on clinical efficacy. This was recognized by authors as a point of recommendation for the future.