

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

First, is it original finding for Guizhi Dahuang decoction used for ulcerative colitis. Second, What is the scientific reason for use this technique for treat that disease?.What is better of you explain and explore the role of active ingredient that possibly in mechanism of treat this disease

To Reviewer 06387306:

First of all, thank you very much for your valuable comments, and I made some targeted modifications according to your comments.

Response to comment 1: At present, the author has not retrieved the report of Guizhi Dahuang decoction in treating acute ulcerative colitis.

Response to comment 2: The important feature of traditional Chinese medicine theory is the treatment based on syndrome differentiation. The corresponding prescriptions are used according to the specific clinical symptoms of the patients, rather than depending on the type of the patients' specific diseases. Guizhi Dahuang decoction is derived from the Chinese medicine book Treatise on Febrile Diseases in the Eastern Han Dynasty. The application indications of this prescription are very consistent with the patients' conditions at that time, which is the main basis for the application of Guizhi Dahuang decoction.

Response to comment 3: The ingredients of traditional Chinese medicine prescriptions



**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

are complex. The active ingredients of traditional Chinese medicine, such as alkaloids, flavonoids, polysaccharides, saponins, terpenoids and quinones, have the effects of anti inflammation, anti oxidative stress, protection of intestinal mucosal barrier and regulation of intestinal flora, and have become a research hotspot in the treatment of UC.

According to the research results of the existing drug composition of Guizhi Dahuang decoction, its mechanism may be to play a role in the treatment of ulcerative colitis from the aspects of reducing inflammatory reaction, anti-oxidation stress, inhibiting apoptosis of colon epithelial cells, and regulating intestinal flora.

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

This case report is very interesting but there are still some minor problems to revise:

1.The corresponding pathological diagnosis and HE photograph should be added to Figures.

2.As we all know,the chemical composition of traditional Chinese medicine is very complex, the main composition of Guizhi Dahuang which play the treatment role should be discussed, polysaccharide, protein, amino acid or others?

3.The possible mechanism of Guizhi Dahuang in treating ulcerative colitis should be discussed in more detail.

4.The manuscript may cite more references in recent years.

To Reviewer 06407585:

First of all, thank you very much for your valuable comments, and I made some targeted modifications according to your comments.

Response to comment 1: Relevant data of pathological diagnosis have been supplemented.

Pathological diagnosis: (large intestine) mucosa acute and chronic inflammation with crypt abscess formation, consistent with ulcerative colorectal inflammation. (Figure 2)

Response to comment 2: The ingredients of traditional Chinese medicine prescriptions are complex, among which alkaloids, flavonoids, polysaccharides, saponins, terpenoids, quinones and other active ingredients of traditional Chinese medicine may be important

components in the treatment of ulcerative colitis.

Response to comment 3: The author added relevant contents about the mechanism of Guizhi Dahuang Decoction in treating ulcerative colitis.

Response to comment 4: The author updated some relevant references.