

Preliminary study on the pathological model of Piyinxu in rats

De-Zhen Chen, Mu-Xin Wei

De-Zhen Chen, Mu-Xin Wei, Department of Traditional Chinese Medicine, The First College of Clinical Medicine, Nanjing Medical University, Nanjing 210029, Jiangsu Province, China

Author contributions: All authors contributed equally to the work.

Original title: *China National Journal of New Gastroenterology* (1995-1997) renamed *World Journal of Gastroenterology* (1998-).

Received: October 25, 1996

Revised: January 31, 1997

Accepted: March 1, 1997

Published online: June 15, 1997

Abstract

AIM: To study the method of constructing a pathological model of Piyinxu (spleen-yin deficiency) using Sprague-Dawley rats and to make preliminary observations.

METHODS: Folium sennae (0.8 g) and tabellae thyroidei (80 mg) were given daily by stomach feeding to each rat for 12 d to establish

the pathological model of Piyinxu. The activity of the rats and the characteristics of their stool were observed.

RESULTS: We observed not only the symptoms of Pixu, such as diarrhea, poor appetite, abdominal distention, weight loss, but also Yinxuneire (endogenous heat), such as increase in water drinking, nervousness, and restlessness. These symptoms were all different from that of the control group of Piyangxu (spleen-yang deficiency).

CONCLUSION: Combining folium sennae and tabellae thyroidei is an effective method for establishing a pathological model of Piyinxu.

Key words: Spleen asthenia/pathology; Spleen-yin; Disease models, animal

© The Author(s) 1997. Published by Baishideng Publishing Group Inc. All rights reserved.

Chen DZ, Wei MX. Preliminary study on the pathological model of Piyinxu in rats. *World J Gastroenterol* 1997; 3(2): 120 Available from: URL: <http://www.wjgnet.com/1007-9327/full/v3/i2/120.htm> DOI: <http://dx.doi.org/10.3748/wjg.v3.i2.120>

S- Editor: Filipodia L- Editor: Jennifer E- Editor: Liu WX



Published by **Baishideng Publishing Group Inc**
8226 Regency Drive, Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
Help Desk: <http://www.wjgnet.com/esps/helpdesk.aspx>
<http://www.wjgnet.com>



ISSN 1007-9327

