



Preliminary study on the pathological model of Piyinxu in rats

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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

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