

Institutional Review Board (IRB) statement

This study (No. 08KY023: Different roles of CE and DBE in obscure small intestinal diseases) was reviewed and approved by the Ethics Committee of Sichuan Province Institution * Sichuan Provincial People's Hospital Institutional Review Board.

Ethics Committee
Application for Approval of Research Protocol

1. Title of the Proposed Project

Different role of CE and DBE in the obscure small intestinal diseases

2. Principal and Co-Investigators and Their Departments

Principal Investigator: Zhang Zhihong

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3. Outline of the Project

Aim of study: To estimate the role and difference between the capsule endoscopy (CE) and the double-balloon enteroscopy (DBE) in the obscure small bowel diseases.

Background: It is very difficult to diagnose the small intestinal diseases because of the small intestinal specific structure and anatomy location. With the development of capsule endoscopy (CE) and the double-balloon enteroscopy (DBE) in recent years, the prospect has been brought for the diagnosis and treatment of the obscure intestinal diseases. However, until now, because of the expensive cost and some difficult technology, the study with CE followed by DBE simultaneously in one case was still rare.

4. Methods:Patients were recruited as followed:

Inclusion criteria:All patients underwent the gastroscopy and colonoscopy, and part of them were given the radiological small intestinal barium meal, abdominal computed tomography (CT) and magnetic resonance imaging (MRI) scan, mesenteric angiography or others. But the causes of them were still not clear.

Exclusion criteria:The contraindications to CE were excluded, which included the gastrointestinal obstruction, fistula, stricture, cardiac pacemakers, pregnant women, and those who could not accept the capsule retention or capsule removal surgery.

This study was reviewed and approved by the ethics committee of Sichuan Provincial People's Hospital Institutional Review Board

5. **The ethics committee of Sichuan Provincial People's Hospital**

伦理审查批号:

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