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**Name of Journal:** *World Journal of Hepatology*

**Manuscript NO:** 52961

**Manuscript Type:** META-ANALYSIS

**Systemic review and network meta-analysis: Prophylactic antibiotic therapy for spontaneous bacterial peritonitis**

Faust N *et al.* Meta-analysis of antibiotic prophylaxis for SBP

Nolan Faust, Akihiro Yamada, Haider Haider, Yuga Komaki, Fukiko Komaki, Dejan Micic, Atsushi Sakuraba

### Abstract

#### BACKGROUND

Spontaneous bacterial peritonitis (SBP) is an important prognostic factor for outcomes in patients with cirrhosis. Antibiotic prophylaxis is recommended in patients at high risk for developing SBP, but the choice of antibiotics remains unclear.

#### AIM

To evaluate the efficacy of various antibiotics for prophylaxis of SBP based on

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**Rifaximin** is a **non-absorbed, gut-selective antibiotic** with a broad range of coverage and low resistance profile that is commonly used to **treat** hepatic encephalopathy in patients with cirrhosis. <sup>15</sup> Due to its high concentration in the enteric system, **rifaximin** has the potential advantage of preventing intestinal bacterial overgrowth and translocation without the **systemic side effects** of broad-**spectrum antibiotics**. <sup>16, 17</sup> Several studies evaluating the effectiveness of **rifaximin** ...

**Cited by:** 22

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